# High Fidelity

E SAN

Vincent Sheean reports: Television Opera

December

Sends Italians ... to Bed



## They're crazy about the C-slot reel!



#### COMMENTS

"I hope the C-Slot reel will be used exclusively for your recording tape." M. S. • Columbus, Ohlo

"We find it especially easy to handle with big fingers." E. G. A. • Platteville, Wisc.

"I think it is a great improvement over any other reel now on the market." C. D. B. • Quarryville, Pa.

"Best to date. You have overcome one of the nuisances of tape recording." R. H. B. • Bronx, N. Y.

"Also holds tape better." L. A. • Fairiawn, N. J.

"It's about time someone improved the reel. I think it's the greatest."

E. B. A. + Los Angeles, Calif.

"Crazy?"

J. R. C. . Decatur, Illinois

"Very nice reel – good, clean appearance, and physically strong. A pleasure to use."

A. R. A. • Whippany, N. J.

"Threading tape on a reel never was a world-shaking problem. But it was bothersome and messy until your genius produced this. Time saving and beautiful in its simplicity."

8. R. . Phila., Pa.

"At last, 'the' answer to the threading problem." E. R. A. • Coldwell, N. J.

In Hollywood: 1006 N. Fairfax Ave. In Chicago: 5428 Milwaukee Ave. Export Dept.: 13 East 40th St., N.Y. 16, N.Y. Cables "ARLAB"

Tape fans give enthusiastic reply to survey on new easy-threading reel

WHEN our research engineers developed the C-Slot reel, we were so convinced that it was the perfect solution to tape-threading problems that we put it into immediate production. But just to confirm our own enthusiasm, we sent out samples to 260 independent tape recorder owners — professional, educational and home recordists throughout the country. We asked them to test the new reel and tell us how they liked it.

So far, 203 persons have responded. Of these, 189 gave us their spirited approval. That's



it speaks for itself

93%. The remaining 14 indicated

merely that they were neutral.

There was not a single negative

like Audiotape, "speaks for itself."

They're crazy about the C-Slot

reel! Just look at the comments

C-Slot reel, get a 7-inch reel of Audiotape from your dealer and see for yourself. You'll be getting

America's finest quality recording

tape on the most convenient reel

If you haven't yet tried the

quoted at the right.

ever designed.

It seems to us that this survey,

rating.

AUDIO DEVICES, INC., 444 Madison Ave., New York 22, N.Y.



# 3-ELEMENT HI-FI LOUDSPEAKERS

### You'll spend less for more performance ... get traditional **ensen** quality!

If you're looking for hi-fi performance outclassing anything remotely similar on the market today ... with more performance ... more easy-on-the-ears listening quality ... at less than you'd expect to pay, then don't fail to investigate Jensen's 4 new Coaxial 3-Element models.

There are three radiating elements driven by two voice coils. H-F unit is a compression driver supertweeter 4000-15000 cycles; woofer-midchannel is a separately driven dual cone unit, with the small cone dispersing and smoothing the 2000-4000 cps. region. The whole skillfully blended combination rates at 30-15000, low end depending on enclosure. H-F control tunes it up smoothly to suit the ear. Choice of 12-inch CX-120 (1 lb. magnet) at \$49.50 or CX-225 (1<sup>3</sup>/<sub>4</sub> lb.) at \$59.50; 15-inch CX-150 (1 lb.) is \$66.50, CX-255 (1<sup>3</sup>/<sub>4</sub> lb.) only \$76.50. Write now for free complete condensed Catalog 165-B.



KTX-3 "STEP-UP" KII If you have the urge to improve your speaker later, you can have a full 3-way system by adding this compression horn midrange unit (600-4000 cps). Net \$62.50.

6601 South Laramie Ave., Chicago 38, Illinois Division of The Muter Co., In Canada: J. R. Longstaffe Co., Ltd., Toronto In Mexico: Radios Y Television, S.A., Mexico D.F.



DECEMBER 1957

www.americanradiohistory.com

I

FIDELITY

LOUDSPEAKER

LINE "T. M. Reg.

# NO FINGERNAIL FUMBLING!

# Exclusive

### STYLUS

"T - GUARD"

only with the

PICKERING



FLUXVALVE TWIN SERIES 350 – A turnover cartridge providing a rapid change of stylus point radius. Available in 12 models featuring many combinations of styli, prices start at a modest \$24.

FLUXVALVE SINGLE SERIES 370 – A miniature high quality cartridge for use in any type of autochanger or manual player arm. Available in 5 models, prices start at a low \$17.85.

The FLUXVALVE features exclusive hum rejection circuitrequires no adjustment! PICKERING'S introduction of the *truly* miniature FLUXVALVE magnetic phonograph cartridge represents a new era in high fidelity cartridge design. This newest of PICKERING cartridges brings the music lover the most exciting and *sajest* idea in a stylus assembly since PICKERING introduced the first lightweight high fidelity pickup more than a decade ago.

The "T-Guard" stylus assembly is a quick-change, easy to slip-in unit which eliminates precarious finger-nail fumbling. Its practical "T" shape provides a firm and comfortable grip for safe and easy stylus change.

The most flexible cartridge in the world ... the FLUXVALVE is the only cartridge with the remarkable ½ mil stylus ... exclusive only with PICKERING. The FLUXVALVE can be used with any one of *five* styli, to meet any requirement or application... to play any record, at any speed

If you are planning to buy a new cartridge-the fact that PICKERING developed this revolutionary stylus is *important to you!* All of the research, development and planning that went into the "T-Guard" stylus is conclusive proof of the superlative engineering skill in every FLUXVALVE model you buy

> Model 194D UNIPOISE Pickup Arm-A new ightweight, integrated arm and cartridge assembly containing the FLUX-VALVE with exclusive "T-Guard" stylus The complete assembly - tone arm and cartridge - is only a fraction of the weight of conventional tone arms. The high compliance of the "T-Guard" stylus, with the lightweight tone arm and single friction-free pivot bearing

assures distortionless tracking of microgroove and standard groove recordings. Available with the ½, 1 or 2.7 mil diamond stylus, prices from \$59.85.

For those who can hear the difference " fine quality high fidelity products by



PICKERING & COMPANY, INC., Plainview, N.Y.

### High Sidelity

The cheerful monarch on the yuletide cover may or may not be King Wenceslas, but the artist who drew him is certainly Joseph Low.

volume 7

### ARTICLES

number 12

These Men Shape Your Listening The first of two articles on the classical artists-and-repertoire director.	44	Hollis Alpert
New Directions in High Fidelity A reappraisal of what has grown from a tinkerer's bobby to a listener's art.	47	Roy F. Allison
The Best Records of 1957 Christmas disc-gilt suggestions — for everyone from Grandma to the pressy girl next door.	50	Herbert Kupferberg
evision Opera Really Sends Italians – to Bed Radio Italiana's music men are caught between two irreconcilable publics.	52	Vincent Sheean
<b>Tosca, Jeritza, and Me</b> The tale of a long, secret, and unilateral love affair.	56	Gustl Brever
A Hi-Fi Primer Part IV of a basic instructional series.	129	John H. Newitt

### REPORTS

Books	in F	Review	36
-------	------	--------	----

**Music Makers** Roland Gelatt 63

67

**Record Section** Records in Review; Schumann: Orchestral and Chamber Music, a Discography by Harold C. Schonberg

> The Tape Deck 119 R. D. Darrell 135

**Tested in the Home** Ridgeway record racks Sargent-Rayment equipment Pickering Unipolse-Fluxvalve pickup Wigo speakers Garrard Model T Mark II manual player Pilot AA-900 and AA-903B amplifiers

AUTHORitatively Speaking 4 On the Counter 6 Letters 12 Noted with Interest 16 Notes from Abroad 26 As the Editors See It 43 Tested-in-the-Home Index 146 Audio Forum 151 Trader's Marketplace 164 General Index of High Fidelity Magazine, 1957 168 Professional Directory 166 Advertising Index 171

High Fidelity Magazine is published monthly by Audiocom, Inc., at Great Barrington. Mass. Telephone: Great Barrington 1300. Editorial, publication, and circulation offices at: The Publishing House, Great Barrington, Mass. Subscriptions: \$6.00 per year in the United States and Canada. Single copies: 60 cents each. Editorial contributions will be welcomed by the editor. Payment for articles accepted will be arranged prior to publication. Unsolicited manuscripts should be accompanied by return postage. Entered as second-class matter April 27, 1951 at the post office at Great Barrington, Mass., under the act of March 3, 1879. Additional entry at the post office, Concord, N. H. Member Audit Bureau of Circulation. Printed in the U. S. A. by the Rumford Press, Concord, N. H. Copyright 19 1957 by Audiocom, Inc. The cover design and contents of High Fidelity Magazine are fully protected by copyrights and must not be reproduced in any manner.

### DECEMBER 1957

John M. Conly Editor **Roland Gelatt** Music Editor Roy F. Allison Audio Editor Miriam D. Manning Managing Editor Joan Griffiths Associate Editor J. Gordon Holt **Technical Editor Roy Lindstrom** Art Director Martha Jane Brewer **Editorial Assistant** Frances A. Newbury Manager, Book Division

C. G. Burke R. D. Darrell James Hinton, Jr. **Robert Charles Marsh Contributing Editors** 

Charles Fowler Publisher Warren B. Syer Associate Publisher Claire N. Eddings **Advertising Sales Manager** Arthur J. Griffin **Circulation Manager** 

### A D V E R T I S I N G

Main Office Claire N. Eddings, The Publishing House Great Barrington, Mass. Telephone 1300.

New York Bernard Covit, 280 Madison Ave. Telephone: MUrray Hill 3-4449 or 3-4450.

> Chicago John R. Rutherford & Associates, Inc., 230 East Ohio St. Telephone: Whitehall 4-6715

> > Los Angeles

Brand & Brand, Inc., 6314 San Vicente Blvd. Telephone: Webster 8-3971.

Tel



## the premiere combination for superb fidelity







THE Grommes 260A

Ask your Hi-Fi dealer for a demonstration or write for complete details to – Grommes • Div. of Precision Electronics, Inc., Dept. H-12, 9101 King St., Franklin Park, Illinois

Send me new Iree brochure	/	Name	_			_	
High Fidelity y Grommes"	/	Street	-	_	_		_
y Grommet	/	City	_	_	Zone	State	

### AUTHORitatively Speaking

Hollis Alpert, who has been circulating through New York's recording studios to delineate for us the shapers of our classical listening — the artist-and-repertoire directors — is a free-lance writer who used to be an editor on the staff of *The New* Yorker. Useful experience, he says, but it seriously interfered with his favorite pastime, sailing a cabin cruiser in the waters around Long Island. He has written for numerous periodicals, especially Saturday Review, for which he regularly reviews motion pictures.

Roy F. Allison, who traces for us some "New Directions in High Fidelity" on page 47, is of course the audio editor of this magazine. His name was absent from our masthead for most of 1956-1957, while he was in the process of launching AUDIO-CRAFT, our sister publication devoted to the needs of do-it-yourself fidelitarians, of which he is the editor. Genesis of his arricle was a lunch-time conversation about the subtlety with which high-fidelity standards rise and styles change. Indeed, to the old hand, it seems only yesterday that Hermon Scott electrified the industry by putting forth a \$99 amplifier sightly enough to be set forth undisguised on a table top -- doesn't it?

Herbert Kupferberg, whose stop-press report on 1957's choicest gift records you will find on page 50, is editor of the New York Herald Tribune's weekly recordings section, as well as an editorial writer for that newspaper. He will be remembered by HIGH FIDELITY readers for his May interview with Igor Matkevitch, and as the author of the first piece of fiction we ever published, "The Day They Almost Got My Number." He is a New Yorker born and bred, but actually did his first regular writing about music in France, for the Paris edition of the Herald Tribune.

In letters accompanying his report on Italian television opera (page 52), Vincent Sheean points out that the RAI experience confirms a long-held opinion of his: that there is small point in translating opera into the hearers' language. One of the Italian TV-viewers' bitterest complaints has been that they can't understand the words — which are, of course, in Italian.

Gustl Breuer, whose autobiographical tale of a Jeritza idolater starts on page 56, is the grandson of Josef Breuer, the Viennese physician who gor Freud interested in psychoanalysis (and who later pulled out, much to Freud's disgust). Gustl himself, as a youngster, studied acting at Max Reinhardt's workshop in Schönbrunn, which enabled him to serve in choruses at Salzburg under Toscanini and Bruno Walter. When the Nazis came tn Austria, Breuer went to London, where he became a night-club singer. In 1940 he came to the United States, was promptly drafted, and wrote (from Fort Knox) a novel, A Stranger and Afraid. After service overseas, he was discharged from the Army and, after a brief attempt to eatn a livelihood writing, went into public relations, handling mostly singers as clients. He's still doing this. Says it lets him (a) meet interesting people and (b) write on the side.

HIGH FIDELITY MAGAZINE

# TRUSONIC FREE CONE SUSPENSION

A loudspeaker generates sound by moving air. If the speaker cone suspension is tight, the excursion buckles and bends the cone during operation Stephens Trusonic tias engineered the speaker cone. in "free suspension," mounting it flexibly with a newly developed plastic-impregnated compliance! This allows the speaker cone to move as a true piston. The continas a free excursion. eliminating distortion: giving a maximum bass rgesponse and the best tramilent response. The clarity and definition of Stephens Trasomets dew "Pee-cone Suspension" speakers fierald ainew ents neering achievement in high fidelity equipment.



These new 8" and 12" speakers provide a refreshing, new kind of sound. No showroom shrilis or false lows. These speakers must be heard to be believed. Ask for a demonstration at your audio dealer's.

8 linch 80 FR

new!

12 inch 120 FR

Listen ... you'll always hear mare from: STEPHENTS EECONDER INTO.

the finest ... from every point of view... THE REK-O-KUT

Most superbly styled of all arms — this is also the one turntable arm that offers best compliance, lowest resonance, optimum tracking ... to give you better sound! That is why it is the one arm invariably sold with every turntable — outselling all other turntable arms combined! Write for catalog and free Strobe disc. \$26.95 12" Arm, \$29.95 16" Arm.

**EXCLUSIVE FEATURES!** • Patented sealed Versa-Twin bearing pivot provides superior horizontal compliance. • For free vertical motion, arm pivots are mounted in chrome steel ball-bearing races. . Micrometer gram weight adjustment gives correct stylus pressure without need for stylus gauge. • Has easy arm-height adjustment. Takes all popular cartridges.



RK14

6

HIGH FIDELITY TURNTABLES-TURNTABLE ARMS 38-19 108th St., Corona 68, N.Y.



The Sargent-Rayment POWER AMPLI-FIER is rated at 70 watts continuous, 140 watts peak. Intermodulation distortion is said to be less than 1% at 70 watts; frequency response, ±0.5 db from 6 to 60,000 cps at any level from I to 70 watts. Two KT88 are used in the output. Inverse feedback is 21 db; damping factor, 15. Price not stated.

The FM/Q broadband Yagi AN-TENNA, manufactured by Apparatus Development Co., is a twelve-element very high-gain design. It can be stacked for increased pickup. It is said that when used in conjunction with highly sensitive tuners, reception up to 300 miles has been achieved.

The Motorola 6X39 PORTABLE is a transistorized, pocket-size receiver which features not only regular broadcast-band AM reception but also has a band for longwave weather broadcasts and aeronautical beacon signals. Price: \$79.95.

A nonmagnetic TAPE CLIP has been announced by Pfanstiehl Chemical Co. It slips over both flanges of the reel and presses down on the tape, to hold it in place.

Capitol Records enters the equipment field with stereo TAPE RECORD-ERS. models 752 and 750. Both feature monaural record and playback, and stereo playback. A stacked head is used for stereo. Basic specifications common to both units: wow and flutter, less than 0.3% at 71/2 ips, less than 0.5% at 33/4 ips; two recording-level indicators; tape run-out switch; two separate portable speaker cases; two inputs, radio and microphone. The 750 has: power output of 5 watts (3 watts undistorted, it is said) for each channel; frequency range from 80 to 12,-000 cps; and uses in each speaker case a 5  $\times$  7 woofer plus a 3<sup>1</sup>/<sub>2</sub>-inch tweeter. The 752 claims a frequency re-

Continued on page 8

HIGH FIDELITY MAGAZINE

TURNTABLE ARM



The new ALTEC "Quartet" (named for its unique 4 independent volume controls) is the only complete amplifier with all of the control features found in the best separate preamplifiers plus a full 20 watts of power.

Compare these outstanding features of the "Quartet":

Six Inputs-3 lo-level for magnetic phono pickup, microphone, and tape deck...3 hi-level for tuner, tape reproducer, and spare.

Four Major Source Volume Controls allow you to pre-set the level of any major program material and change from input to input or turn the power on and off without the necessity for readjustment. D. C. powered program indicator lights for completely hum-free operation.

Guaranteed Performance Specifications: 20-22,000 cps range, 20 watts (40 peak), 138 db gain, 32 db bass control range, 35 db treble tone control range.

Four Position loudness compensation control... continuously variable wide range bass and treble controls...*Three Position* independent rumble and scratch filters—all designed to give complete flexibility to suit reproduction quality of individual tastes and material.

Tape Recording Output – provided so material from any input may be selected for recording.

Equalization-4 phono compensation curves: European, LP, RIAA, and 78 rpm. 1 tape deck compensation.

Quality Construction—an example of the quality built into the "Quartet" is its "professional" printed circuit. Unlike common printed circuits, all components are attached through riveted eyelets making it possible to replace components without destroying the circuit.

Extraordinarily Sleek Design: Dimensions (less cabinet) -4-5/8" H, 13-3/4" W, 7-1/8" D... (with cabinet) -5-15/16" H, 14-5/8" W, 8-13/16" D.

Price: (less cabinet) **\$106**<sup>00</sup> Walnut, blond, or mahogany solid hardwood cabinet, \$18.00.

Write for free catalogue ALTEC LANSING CORPORATION H12 1515 S. Manchester Ave., Anaheim, Calif. 161 Sixth Ave., New York, N.Y.





### ON THE COUNTER

Continued from page 6

sponse (i.e., range) from 50 to 12,000 cps and delivers 10 watts (7 watts undistorted) for each channel; the speaker cases house an 8-inch woofer and a  $3\frac{1}{2}$ -inch tweeter. No prices stated.

Nortronics has announced an in-line (stacked) STEREO RECORDING HEAD. Crosstalk rejection is said to be 48 db and the head can be compensated to provide flat response between 30 and 10,000 cycles at  $7\frac{1}{2}$  ips. Net price: \$19.50.

A transistorized AMPLIFIER, rated at 20 watts, has been announced by Video Instrument Co. The amplifier incorporates preamplifier and tone control functions, including separate bass and treble controls, loudness control, rumble filter, scratch filter (12, 8, or 3 kc), and six-position phono equalization. Combined intermodulation and harmonic distortion is stated to be less than 0.5%; frequency response,  $\pm 0.5$ db from 20 to 30,000 cycles. Size is  $3\frac{1}{2}$  by 12 by  $7\frac{3}{4}$  inches; price \$98.50.

The Pilot S-121 SPEAKER SYSTEM incorporates a 12-inch woofer in a dynamically vented baffle, an 8-inch low midrange speaker, a 6-inch upper midrange unit, and two 3-inch tweeters. Dimensions are 27 inches high,  $23\frac{1}{2}$  wide, and 16 inches deep. Price is \$149.50 and \$159.50, depending on finish.

The Audio Division of American Electronics, Inc., has announced the new American-Concertone Globematic 60 TAPE RECORDER. Five push buttons control record, play, fast, forward, rewind, and stop. It operates at  $7\frac{1}{2}$  or 15 ips and accommodates reels up to 10 $\frac{1}{2}$  inches. The drive motor is a hysteresis synchronous unit; separate motors are used for take-up and rewind. Price not stated.

The new WOOFER developed by Neshaminy Electronic Corp. (manufacturers of the JansZen electrostatic tweeter) is a low-frequency direct radiator in a  $2\frac{1}{2}$  cubic foot enclosure, designed to produce a response specifically tailored to complement the tweeter. Price and other data not given.

The Integrand SPEAKER-AMPLIFIER SYSTEM is claimed to be the most revolutionary hi-fi development in at least nineteen years. The new system is described as the first soundly engineered application, offered commercially, of a loudspeaker including a feedback loop. The technique of integrating speakers with their own transistor amplifiers represents, it is said, a fundamental departure from traditional design concepts for these elements. Three specially designed loudspeakers are used: "a 15-inch woofer, and midtange radiators constructed so as to be coaxial and coplanar." Each of the three speakers is driven by its own transistor amplifier and is equipped with a special winding that feeds back information to that amplifier.

Grommes has announced a whole series of KITS: the 207AK preamplifier; the LJ-6K, a 10-watt amplifier; and the 250K, a 50-watt basic amplifier. The 207AK features maximum flexibility with separate treble rolloff and bass turnover controls; separate bass and treble tone controls, loudness in-out switch; scratch filter; rumble filter; and selector, providing phono, tape, tuner, and auxiliary positions.

The Regent is said to be Webcor's answer to the demand for a compact, lightweight, low-cost TAPE RECORDER. It comes in monaural record playback (model 2810) and monaural record playback plus stereo (stacked) playback (model 2820). Weight is 30 lbs; plays up to 7-inch reels at  $7\frac{1}{2}$ ,  $3\frac{3}{4}$ ,  $1\frac{7}{8}$  ips. Frequency range at  $7\frac{1}{2}$  ips is stated to be 50 to 12,000 cycles. Price for the 2810 is \$159.95; for the 2820, \$199.95.

Capehart's model 418 RADIO-PHO-NOGRAPH covers FM, AM, and SW bands; has a four-speed Garrard changer with magnetic cartridge; diamond stylus. Speaker system consists of a 12-inch woofer, two 8 x 5 elliptical midrange units, and two 5-inch tweeters. The model 418 is manufactured in England. Prices are from \$599 to \$619, depending on finish.

DeWald Radio Mfg. Corp. enters the high-fidelity business with a TUNER and a PREAMP-AMPLIFIER. The former is an FM-AM unit with defeatable AFC and high sensitivity; price is \$71.95. The preamp-control unit has a 12-watt power amplifier in the same cabinet. Harmonic distortion stated to be 1.5% at 12 watts; two high level inputs plus 3-position equalized phono; separate tone controls; loudness control. Price \$47.95.

Allied Radio's new CATALOGUE is now available for the asking. It's 404 pages big and lists more than 27,000 items. Also available from Allied is a well-written and assembled booklet called "This is High Fidelity." Cost is ten cents per copy.





# NEW! SCOTCH Tensilized Double-Play a NEW! Scotch Tensilized Double-Play



There's never been an extended play tape as tough as new "Scotch" Brand Tensilized Double-Play Tape. It's twice as strong as ordinary magnetic tapes with the same playing time. Invisible "muscles" of Polyester, conditioned by an exclusive process, give new Tensilized Double-Play Tape super-strength. What's more, it's definitely stretch-resistant! Here's a long, long playing tape that will give you years of trouble-free use on any recording machine—home or professional. Don't pamper it . . . "Scotch" Tensilized Double-Play Tape is made to take it. Better buy a reel today!

Minnesota Mining & Mfg. Co. Magnetic Products Div., Dept. CW- 127 900 Bush Ave., St. Paul 6, Minn.	Ticke research to	Test its strength for yourself
Rush me a copy of the free tape test kit: Name		Mall this coupon for your free test kit with sample lengths of all four extended play tapes. Pull each tape , hard! See only "Scotch" Tensilized Double-Play Tape can
CityZoneState		stand the strain, just as it will even after years of use on your recorder.

**Magnetic Tape** 

# has everything!

# Plays twice as long!

Like having two reels of tape on one! That's the miracle of new "Scotch" Brand Tensilized Double-Play Tape. A single reel of this remarkable superthin magnetic tape actually gives you as much recording time as two reels of conventional tape. 100% more tape on a standard 7" reel. Enough to

record an entire opera, radio concert or business conference on a single reel-without interruption! Right now your dealer has new super-strong "Scotch" Double-Play Tape in limited supply only -but more's on the way and well worth its slight extra cost. Look for it in its new, bright blue carton.



### Enjoy "Scotch" Brand's builtin dry siticone lubrication New "Scotch" Tensilized Double-New "Scotch" Tensilized Double-Play Tape protects your recorder's head from wear with built-in silicone particles. Only "Scotch" Brand per-forms this vital tubricating job for you — reducing recorder head abra-

sion and eliminating tape squeal.





The term "SCOTCH" and the plaid design are registered trademarks for Magnetic Tape made in U.S.A. by MINNESOTA MINING AND MFG. CO., St. Paul 6, Minn. Export Sales Office: 99 Park Ave., New York 16, N.Y.

## <u>Superb performance</u>, based on laboratory engineering... Stromberg-Carlson High Fidelity **TUNERS and RECEIVERS**

Need a better tuner or receiver? You're probably concerned about frequency response, sensitivity, undistorted output, drift-free operation, new improved circuits, ample but simplified controls, and above all manufacturing quality. You want laboratory precision results-not just fancy claims! Choose any of six Stromberg-Carlson models with confidence that you'll have the ultimate in high fidelity performance coupled with traditional quality-backed by 60 years' experience in making the finest in radio and audio equipment.

And Stromberg-Carlson is a pioneer in producing perfectly balanced complete systems. Every component of these factory-engineered systems is matched and tuned to perform to perfection with every other. Result—the most faithful reproduction possible! Start any one of several systems that will please your purse, your home, your audio preference.

"There is nothing finer than a Stromberg-Carlson"®



... or write for your nearest dealer's name and free literature.







Prices stated slightly higher in the West.





In Re Auden on GBS

SIR:

Jacques de Menasce in his article "Sour Notes on a Basset Horn" (October) may have misconstrued W. H. Auden's meaning in Auden's statement that G. B. Shaw "was probably the best music critic who ever lived." Perhaps what Auden meant was that Shaw was the greatest writer who had ever addressed himself to regular journalistic music criticism. Of that I feel there is no doubt. Though GBS can be reproached for faulty rechnical knowledge, snap judgments, and special pleadings in his writings on music as well as on every other subject under the sun, he remains the incomparable stylist and irrepressible individualist who was right far oftener than he was wrong. The tonic effect of his prose and the general sanity and perspective of his outlook atone for his vagaries, great and small. Would we had a dozen of him today to cover the arts and politics of a world sadly as muddled as he found it in Victoria's day.

> James Wade Granite City, Ill.

### **Recording Requests**

SIR:

I have just finished reading the letter of Mr. Peterson on Meyerbeer [September]. Mr. Peterson's casting interested me very much, and I would like to add a few names to it.

For one, Les Huguenots, it is doubtful that Callas and Tebaldi would ever get together long enough to make the recording. So why not Victoria de los Angeles? Since London and Victor have merged, these two artists now belong to the same company. Mr. Peterson should be blessed for mentioning the name of Ebe Stignani. Here is one of the really great artists of our age who has been more or less ignored by the recording companies.

And how about Risë Stevens and

Continued on page 14

HIGH FIDELITY MAGAZINE

Easy to Build ... Ready to Assemble ... SUPERLATIVE Electroforce® SPEAKER ENCLOSURE KITS



Low-Bass Section Employing an advanced principle of folded cornerhorn loading, the new Patrician IV utilizes high-fidelity's only 18-in. low-frequency driver, Model 1SWK. The taper rate has been extended to 35 cps. The first three octaves, to the first crossover point at 200 cps., are reproduced by a tremendous bass driving section . . . the largest, most highly developed ever designed for a home audio system. When the Patrician is placed in a corner, the entire room becomes part of the bass horn, allowing the large wave lengths of the second and the upper part of the first audible octave to be formed properly.

Mid-Bass Section A separate horn employed as an indirect radiator with its two complementary Model 828HF driver units takes over for only the next 1%-octave range to 600 cps. Because no metal horn presently developed satisfactorily reproduces down to 200 cps, the horn load for the intermediate bass drivers is fabricated of wood and the A8419 phenolic tubes of the Mid-bass speakers.

**Treble Section,** The vital "presence" range—from 600 to 3,500 cps or the next 2¼ octaves, the Electro-Voice Model T25A treble driver exhausts into a 600-cycle Model 6HD diffraction horn. This diffraction horn is another exclusive Electro-Voice design. The principles of optical diffraction are employed to disperse high frequencies far more uniformly than possible with conventional cellular type horns.

Very-High Section The range above 3,500 cps, extending beyond the range of hearing, is reproduced by the new Model T350 Super-Sonax very-high-frequency driver. Again the exclusive Electro-Voice diffraction horn is used. Through the Model T350, the remaining octaves of the upper audible register are completely accomplished with practically no measurable distortion.

**Crossover Network** To allocate the various portions of the spectral energy to the respective driver units, the Model X2635 crossover network divides the amplifier power into four separate portions, and eliminates upper harmonic and intermodulation distortion from one driver in the region covered by the next.



## Completely Engineered for the Ultimate in Sound Reproduction!

Now you can own an acoustically correct Electro-Voice highfidelity, folded-horn speaker enclosure for your home music system and save up to one half! Build it yourself...seven models to choose from ... wall types ... corner models ... for full-range loudspeakers ... for separate two, three and four-way systems. Everything is ready to assemble ... all parts pre-cut, shaped and drilled.Simply follow the easy, step-by-step instructions included.

### Model KD1 PATRICIAN IV Interior Assembly

For those desiring the utmost in reproduced music, the bass section design extends the lows and uses room walls as extensions of the exponential horn air load. Indirect radiation and employment of low crossover frequency allows exploitation of the scaled cavity feature, assuring more than one full octave of added bass with unprecedented efficiency, providing direct front radiation of higher frequencies and musical balance.

Size: 57<sup>1</sup>/<sub>8</sub>" high. 34<sup>1</sup>/<sub>2</sub>" wide, 26<sup>1</sup>/<sub>8</sub>" deep. Shipping weight: 135 lbs. Net: \$118.00

### ELECTRO-VOICE INVITES YOU TO EXPLORE THE WORLD OF SOUND!

See your Electro-Voice Distributor. For facts about high fidelity, write for Bulletin F712



ELECTRO-VOICE, INC. BUCHANAN, MICHIGAN Export: 13 East 40th Street, New York 16, U.S.A. Cables: ARLAB

### Excerpts from PRESS COMMENT on the



## High Fidelity (Tested in the Home)

"... With the (tweeter) control set to suit my taste (best described as row-M-oriented), oscillator tests indicated that bass was smooth and very clean to below 40 cycles, was audibly enfeebled but still there at 35, and dropped out somewhere around 30 cycles. No doubling was audible at any frequency.

From 1,000 to 4,000 cycles there was a slight, broad dlp in the response (averaging perhaps 2 db down), a gradual rise to original level at 8,000 cycles, and some minor discontinuities from there out to 12,000 cycles. Then there was a slow droop to 14,000 cycles, with rapid cutoff above that.

Because of Its slightly depressed 'presence' range, the AR-2 has what is to me a refreshingly sweet, smooth, and highly listenable sound. Music is reproduced transparently, and with very good detail. Its high end is unobtrusive, but its ability to reproduce the guttiness of string tone and the tearing transients of a trumpet indicate that it is, indeed, contributing highs when needed. This, I feel, is as it should be.

Its low end is remarkably clean and, like the AR-1, prompts disbelief that such deep bass could emanate from such a small box.

"... Like the AR-1, the AR-2 should be judged purely on its sonic merits... not on the theoretical basis of its 'restrictive' cabinet size. When so judged, it can stand comparison with many speakers of considerably greater dimension and price.—J.G.H."



# AUDIO ETC.

"... I find the AR-2 remarkably like the AR-1 In over-all sound coloration. Its cone tweeter Is not the same, but there isn't much difference in sound. (It costs less, but that doesn't prove much.) On direct comparison, given a signal with plenty of bass component in the very bottom, you can tell the difference between the two in bass response. Most of the time, in ordinary listening, I am not aware of it at all.

... I find AR-2, as with AR-1, remarkably clean and unobtrusive in its sound, easy on the ears for long-period listening, easy also to ignore in favor of the music itself. Either speaker has a way of simply fading into the surroundings (the size helps) leaving the music unattached and disembodied in the room. Excellent illusion!..."

Prices for Acoustic Research speaker systems, complete with cabinets, (AR-1 and AR-2) are \$89.00 to \$194.00. Size is "bookshelf." Literature is available from your local sound equipment dealer, or on request from:

ACOUSTIC RESEARCH, INC. 24 Thorndike St., Cambridge 41, Mass.

### LETTERS

### Continued from page 12

Giulietta Simionato? Risë Stevens is so type cast as Carmen I doubt if the record-buying public realizes the range of her wonderful voice. Simionato seems to be at home in florid roles so Meyerbeer should come easy to her.

I would like to go one cloud higher than Mr. Peterson. He mentioned Jussi Bjoerling as Vasco, but he failed to give us a Selika, Inez, or Nelinsko. Why not Victoria de los Angeles as Inez and Tito Gobbi as Nelusko?... And now for the topper. How about the greatest Selika of all—Rosa Ponselle—coming out of retirement and showing how Grand Opera should really be sung?...

Along this same line I have another suggestion. Victor is doing some wonderful things on Camden. Wouldn't it be a rather wise piece of merchandising to ask the public to request what they would like, such as they did with Martinelli? So far the reissues have been great, but how about Sigrid Onegin's "Alto Rhapsody" and the prison scene from Le prophète? Where are Rosa Raisa, and Ina Souez, and what has happened to Marian Anderson's "Oh Don Fatale" and "When I Am Laid in Earth"? Where is Alma Gluck, who with Caruso and McCormack kept Victor in business for years? Farrar's Carmen is wonderful, [see July HIGH FIDELITY, page 3] but where are the rest of her records - and Tamagno, Emma Eames, Emma Calvé (something other than the "Habanera"), Gerville-Rache, and Chaliapin (other than Boris)? I could go on forever. At least it is nice to dream.

William Bolster Detroit, Mich.

### Jaime Mendoza-Nava

SIR:

In your August issue, in the Records in Review section, Mr. Alfred Frankenstein says that Jaime Mendoza-Nava is a young Brazilian composer.

Mr. Mendoza-Nava, who happens to be a good friend of mine, is not Brazilian but Bolivian, and we of the Sociedad Pro-Música are proud to have him as a member of our society.

As to Mr. Frankenstein's comment that he shows the Brazilian composer Villa-Lobos' influence, I can only say that that is only a wishful thought.

Jack	Muñoz	Péron.
La P	az	
Boliv	via	

# forget turntable taboos

## WEATHERS TECHNICAL MAGIC 15 SOUND

Mystified by the gadgetry which attempts to charm turntables into proper balance, speed and smoothness? Weathers' revolutionary "Synchromatic Drive" Turntable is truly sound. Only the record separates you from the perfection of sustained pitch! A small synchronous motor and an ingeniously designed bearing spin your rceords effortlessly and soundlessly ... at ever constant speed. Weathers "technical magic" has created a featherweight turntable that is impervious to shock and the heaviest floor vibrations. A plus feature is a specially designed turntable pad which "floats" your records free of surface contamination.

Weathers new turntable operates at exactly 33<sup>1</sup>/<sub>3</sub> rpm on a 60 cycle power source. An electronic control is also available for continuous variable speeds from 10 to 80 rpm.

Weat

WEATHERS INDUSTRIES DIVISION OF ADVANCE INDUSTRIES, INC. 64 E. GLOUCESTER PIKE, BARRINGTON, N. J.

Export: Joseph Plasencia, Inc., 401 Broadway, N. Y. 13, N. Y.

Weathers amazing, revolutionary "Synchromatic Drive" Turntable is worth a special trip to your dealer's today! Only \$59.95

A new free Weathers booklet is available to help you select your high fidelity components. Write for it today!



DECEMBER 1957

# DYNAKIT PREAMPLIFIER

An Outstanding Companion Kit to the World Famous Dynakit Amplifiers



This handsome new control unit gives crystal clear, noise-free reproduction from any modern program source. Its unique all feedback design by David Hafler sets a new standard of preamplifier performance. The design of the Dynakit preamplifier is a synthesis of outstanding features which produce smoother, more natural sound. Compare these features with any other units regardless of price.

### + Unequalled performance

Actually less than .1% distortion under all normal operating conditions. Response  $\pm$ .5 db 6 cps to over 60 kc. Distortion and response unaffected by settings of volume control. Superlative square wave performance, and complete damping on any pulse or transient rest.

### \* Easiest assembly

All critical parts supplied factory-mounted on XXXP printed circuit board. Eyeleted construction prevents damage to printed wiring. This type of construction cuts wiring time by 50% and eliminates errors of assembly. Open simplified layout offers complete accessibility to all parts.

### ★ Lowest noise

Integral dc heater supply plus low noise components and circuitry bring noise to less than 3 microvolt equivalent noise input on RIAA phono position. This is better than 70 db below level of 10 millivolt magnetic cartridge.

### \* Finest parts

1% components in equalization circuits to insure accurate compensation of recording characteristics. Long life electrolytic capacitors and other premium grade components for long trouble-free service.

### ★ High Flexibility

Six inputs with option of extra phono, tape head, or mike input. Four ac outlets. Controls include tape AB monitor switch, loudness with disabling switch. full range feedback tone controls. Takes power from Dynakit, Heathkit, or any amplifier with octal power socket.

### \* Outstanding appearance

Choice of bone white or charcoal brown decorator colors to blend with any decor. Finished in indestructible vinyl coating with solid brass escutcheon.

### \* Best Buy

Available from your Hi-Fi dealer at only \$34.95 net (slightly higher in the West), and yet the quality of performance and parts is unexcelled at any price.

Descriptive brochure available on request.

DYNACO INC., 617 N. 41st ST., PHILADELPHIA, PA.

Export Division: 25 Warren St., New York 7, N. Y.

Par. Pending



### Stereo

No one has come up so far with any particularly clear-cut definition of high fidelity, and that is more or less as expected. It would be hard to come up with a definition of "smooth riding" as applied to automobiles.

But there should be no trouble defining "stereophonic." There has been discussion in the past about the difference between stereophonic and binaural, but either stereo or binaural requires one specific and distinctive facility: two channels for sound, from recording microphone to playback loudspeaker systems. There may be four microphones and forty speakers, but there must still be two distinct and entirely separate channels of sound recording and reproduction. In a true stereo or binaural system, there are going to be at least two of everything.

Just as the words high fidelity are stretched once in a while, so too are the words stereophonic and binaural. Latest to come to our attention (and the cause for this reminder to readers) is a so-called "two-channel stereophonic system" which consists of two speakers, with highs coming from one, lows from the other. This is not stereophonic sound.

Another company recently advertised "stereophonic sound from regular discs . . ." This is impossible.

Incidentally, the binaural/stereophonic controversy seems to be settling down to: binaural is stereo with carphones; stereo is with loudspeakers.

### Contest Winner

Sargent-Rayment had a contest a bit ago to see who, if anyone, still had a Sargent-Rayment model No. 7 built in 1928! Many entries and samples were submitted, and the winner was selected on the basis of first entry and best condition of entry. As winner, Mr. H. E. Keller of Milwaukee received a new SR tuner.

Continued on page 21

ww.americanradiohistory.com



YOU HAVEN'T <u>REALLY</u> HEARD HIGH FIDELITY UNTIL YOU'VE HEARD

UNIVERSITY SPEAKER SYSTEMS

# LERE IS HIGH FIDELITY

reproduction as it should be—breathtakingly realistic—natural, warm, rich sound that assures delightful listening, hour after hour, without ear fatigue. These superlative units contain the most advanced loudspeaker components, perfectly matched to precisely crafted enclosures... for flawless reproduction that recreates every nuance of the original performance. Here, too, is graceful cabinetry in today's preferred wood finishes... superbly styled to enhance every home. For the very best in high fidelity, choose from this selection of the world's finest high fidelity speaker systems... designed by the world's premier custom loudspeaker manufacturer... University.

### The DEAN

### MODEL S-8, "CLASSIC" DELUXE CONSOLE

The highest achievement in audio engineering . . . the ultimate in sound! Each component of the CLASSIC has been designed with engineering inspiration and made with the meticulous care of a Swiss watchmaker. Three incomparable loudspeakers—each selected for perfect performance in its acoustic range—are integrated to give you silky smooth, incredibly realistic sound from the deepest organ tones to the most sparkling highs. And University's famed Acoustic Baton places at your fingertips natural, satisfying tonal balance, whatever the acoustics of your home. Here too is the finest in cabinet styling, a graceful, subtly proportioned console that will enhance your home whether traditional or modern. And the exclusive adjustable hase permits conversion at any time from lowboy to highboy, the cabinet being finished on all four sides. Yes, when your taste and your home demand the finest, the CLASSIC is your choice.

### MODEL S-7, "DEAN" DELUXE CORNER CONSOLE

This regal masterpiece of University speaker systems is the engineering and acoustic "twin" of the famed CLASSIC. Components are identical for equally breathtaking performance. Designed for those who prefer a corner installation, the DEAN, amazingly unlike other corner systems, is adaptable to any future decorating plans ...as a true "cornerless-corner" system, it does not depend on either walls or floor for proper acoustic projection ... actually performs with the same tonal perfection when placed against a wall. The warm hand-rubbed finish, the subtle rightness of its exquisite cabinet lines, will also make you proud to welcome the DEAN to your home. In the DEAN and CLASSIC you have the ultimate in high fidelity, the finest, at any price.

### The MASTER

#### MODEL S-6, "MASTER" MULTI-SPEAKER SYSTEM

For those who demand music reproduction with full dynamic range, with tonal response from rich, clean hass to highs of bell-like brilliance . . . yet who must consider budget or space limitations . . . University presents the MASTER. It has long been a favorite in hi-ficircles . . and understandably so. Incredibly efficient in acoustic performance, the MASTER provides top quality, full volumed tone, even with amplifying equipment of modest price and power. And University's artistry with cabinet design and rich, hand-rubbed furniture finishes must be seen to be appreciated. Your MASTER is equally handsome, equally efficient acoustically, whether placed in a corner, or flat against a wall. Plan to listen to the MASTER, soon. You are due for a most delightful surprise.

### MODEL S-5, "SENIOR" MULTI-SPEAKER SYSTEM

The CLASSIC

This model is truly a remarkable achievement in speaker system quality . . . and a revelation in practicality! For here is superb audio engineering that makes light of space and budget restrictions. Each component of the SENIOR has passed the most rigid tests and has earned its right to be part of this outstanding system. The result is a thrilling sensation of sound which seems to surround you . . . *amazing* in a system of this size. Treat yourself to its full-bodied, undistorted coverage of the acoustic spectrum, all kept in perfect balance by the Acoustic Baton. The SENIOR enclosure is a heantiful piece of furniture that will enhance any room . . . elean, easy-to-livewith lines characteristic of its careful craftsmanship. When you choose the SENIOR, you will be very pleased . . . and very proud.

The SENIOR

### "ULTRA-LINEAR 12" CONSOLETTE Models S-10H and S-10L

Carrying forward University's significant breakthrough in acoustic design . . . providing authentic, distortion-free bass in limited enclosure volume . . . the ULTRA-LINEAR 12 has been scaled down to occupy the barest minimum of space, yet leaves nothing to be desired in tonal performance. Model S-10H is for applications where minimum width must be considered, Model S-10L where height must be considered, Model S-10L where height must be considered, Harmonious proportions, exceptionally interesting grill treatment and beautifully grained hand-rubbed finish make this consolette an admirable addition to any room. And without the removable base, either model is perfect for shelf, bookcase or "built-in" use. An adjustable control is provided for finger-tip correction to suit your taste or room acoustics. Requires 25 to 60 clean amplifier watts. You'll be thrilled with this incredible performer . . . listen, and see if you don't agree.

### The ULTRA-LINEAR 12

### The ULTRA-LINEAR 15

#### "ULTRA-LINEAR 15" CONSOLETTE Models S-11H and S-11L

The most recent addition to the University family, the ULTRA-LINEAR series offers you ... for the first time ... truly glorious, BIG sound from a small enclosure. Here is the "dream speaker" that brooks to compromise in bass range ... that permits no distortion whatsoever throughout its entire response range ... limitations that occur so disappointingly often in other small systems. With a good amplifier, delivering 20 to 60 clean watts-and the ULTRA. LINEAR 15-you'll literally revel in luxurious, smooth, theater-quality sound ... from musical notes so low in frequency you feel as well as hear them ... to highs beyond the limits of audibility. Yes, here is the "impossible" brought to miraculous tonal reality ... performance comparable only with the finest speaker systems such as the DEAN and CLASSIC ... for those who demand uncompromising musical reproduction, yet whose space is unusually limited. Balance controls permit tonal adjusttics. Graceful styling and fine, hand-rubbed finishes give the ULTRA-LINEAR 15 a character all its own, at harmony with any decor. Choose S-11H for upright use, S-11L as a lowboy. An ideal choice, too, for stereophonic installations. Hear it soon ... too, the small-space speaker problem.

The COMPANIONETTE

### MODEL S-1, "COMPANIONETTE" 2-WAY SYSTEM

The ideal bookshelf or extension speaker. Make every room a music room with the COMPANIONETTE! This decorative, smartly styled cabinet easily fits into limited spaces, provides a beautifully efficient solution to the small-speaker problem, or when it is desired to bring music from an existing high fidelity installation to additional rooms. You'll be truly amazed at its excellent bass reproduction blended with clean highs. Inexpensive wrought iron legs, available at most furniture, department and hardware stores, convert the COMPANIONETTE into an attractive floor model.

See Technical Specifications, Operational Data, Dimensions and Prices on Last Page

### The TINY MITE

### MODEL S.3TM, "TINY-MITE" SPEAKER SYSTEM

A moderately priced diminutive 3-way speaker combination providing exceptional high fidelity, the TINY-MITE is a veritable powerhouse of acoustic energy. You'll find it hard to believe such magnificent performance comes from an enclosure only  $21\frac{14}{2}$  x  $15\frac{12}{2}$ "?! And so efficient, that a  $5\cdot10$  watt amplifier is more than adequate. True "cornerless corner" design enables the TINY-MITE to be used successfully in a corner, flat against a wall-even upside down, if you prefer! The clean-cut, handsome, go-anywhere console is beautifully "furniture" finished.

The TINY MITE

### TECHNICAL SPECIFICATIONS



#### The CLASSIC and DEAN

The enclosure of the CLASSIC and DEAN is a true. front-loaded, self-contained, self-sufficient exponential horn terminating in a single mouth opening, there being no need to split the sound into two channels in order to use room walls, as is the case with most so-called "horn"

no need to split the sound into two channels in order to use room walls, as is the case with most so-called "horn" enclosures. University's single horn and mouth design delivers a superior acoustical performance for two major reasons: a) more accurate adherence to true exponential horn expansion is realized within a given physical volume if only one transmitting channel has to be fitted into it; b) a single horn terminating in a single larger mouth sixes better radiation and smootlier, fuller bass repro-duction to the long wave lengths of the low frequencies than can be obtained from two separate smaller openings. The horn of the CLASSIC and DEAN also takes full advantage of the matchless efficiency of the "compres-slon-type" driver ascembly principle. The rear chamber of the Model C-15W 15" woofer driving this horn is com-pression is utilized as part of an acoustic network work-ing the rearward movements of the diaphragm. This com-pression is utilized as part of an acoustic network work-ing whit the cone speaker and matched to the throat diaphragm. The result is a maximum utilization of the diaphragm. The result is a maximum utilization of the sub woofer horn assembly by the heavy duty T-30 driver unit, and the HF-206 Hypersonic tweeter employing the "reciprocating-fare" wide-angle horn for clean, uniform high frequency response out to inaudibil-type, all-horn systems employing many exclusive and patented University design principles.



MODELS S-8, The CLASSIC and S-7, The DEAN Components for ball comprise C-15W 15" Iheater woofer. Cobreflex wilde-angle dual exponential horn with T-30 driver for mid-range. HF-206 Hypersonic Tweeter and N-3 Acoustic Balon network. Crossovers 350 and 5000 Cps. Power comprise: S0 walts, 'room level approx. 2 walts. Immediance: 8 olims. Sizer: CLASSIC-3495' x 4015' x 25%' deep; Shigs. est.: 225 lbs. DEAN-36%' x 37%' x 25%' deep; Shigs. est.: 208 lbs. User net: Mahog-any-S475, Blond-S495, Walnut-S520.



#### The ACOUSTIC BATON

The ACOUSTIC BATON The Nodel N-3 Acoustic Baton tonal balance control is an outstanding University feature used in the Classic, Denn, Matter and Senior speaker systems. The action of the Acoustic Baton differs from that of amplifier tone controls which is generally on a rate per octave basis and tends to change the character of the program material. However, by further being enabled to alter the relative level of the mid-range and tweeter with respect to the bass range, the uset of the Acoustic Baton has at his command the aural sensation of "Presence" and "Brilliance." Hence, listen-ing becomes far more pleasurable, and varying conditions of room acoustics, program source and personal taske may be accommodated without distorting the complex wave content of the original program.



#### The MASTER and SENIOR

These new University "room-balanced" horn enclosures, combining direct radiation and rear horn bading, feature important improvements in design that permit more free-dom in application and deliver completely balanced acous-tical conditions in all frequencies. This design makes it possible to use integrated speakers such as coaxials or three-way speakers without dependency upon the walls or corner of the room for "completion" of the horn.



This has been achieved in two fundamental ways: 1) The flow frequencies are directed through the horn to the hor and then out into the room horough the base. Thus, the floor is belo to act as a large baffle plane for the long wave lengths which then reach the listener through nor-mal radiation and dispersion. (See Fig. 1). Linearlty in these low fre-quencies is preserved by a resis-tively padded vent placed near the bottom plate of the compression chamber. (Without this equalizing event, the rearward motion to the reduction the listener would be forward in the room). The constituent langt share would be forward motion to the dispersion would be forward motion to the middles and highs, meanwhile, are directed to response throughout the listening areas of the room. The result is a highly efficient "room-balanced" horn enclo-sure, completely independent of its location in the room.

MODEL S-6. The MASTER-Components comprise C-15W 15" theater woofer, H-600 horn with T-30 driver for mid-range. HF-206 Hypersonic Tweeter and N-3 Acoustic Bation network. Crossovers 700/5000 cps. Passer capneity: 50 watts," room level 2 watts. Impedance: 8 othms, Size: 37" x 29" x 20" deep. Sh ps. exer. 1 No Ibs. User net: Mahogany-S310, Blond-\$320. Walnut-\$325.

Enclosure only, Model EN-15-For use with any University 12"/15" extended range speaker or nuttiple speaker combination. SApp. ser.s 96 lbs. User net: Makogany-5125, Illond-5135, Walnut-\$139.50, Unfinished-5162.



MODEL S-5, The SENIOR-Components comprise C-12W woofer (minus response limiter), H-600 horn with T-30 driver for mid-range, UXT-5 "reciprocating-Bare" wide-angle Super Tweeter and N-3 Acoustic Baton ner-work. Crossovers 700 and 5000 cps. Power capacity: 30 waits, norm level approx. 2 waits. Impulance: 8 ohns; Size: 30" x 211/2" x 15%? deep. Shpg. wit: 85 lbs. User net: Mahogany-S200, Blond-S205, Walnut-S209.

Enclosure only, Model EN-12 - For use with any University 12" extended range speaker or multiple speaker combination, Shpz. tet. 60 lbs. User net: Mahogany-\$76, Blond-\$79.50, Wahnut-\$81.50, Unfinished-\$65.50.



### The ULTRA-LINEAR 12 and 15

<text><text><text><text>

eps are accomplished. The systems may be classified in the low efficiency ente-pory. However, because matched components designed Components in these systems covered by patents 2,532,113; 2,532,114; 2,641,329; 2,690,281; 2,751,966 and other patents pending.

<text><text><text><text>



The ULTRA-LINEAR 15, MODELS S-11H and S-11L The ULTRA-LINEAR 15, MODELS S-11H and S-11L Components comprise new heavy duty high compli-ance 15" C-15HC wooler. Diffusicone-8 with its own com-pression clamber for mid-range (200 cps crossover), a special UL/HC Hypersonic Tweeter (5000 cps crossover) for response to beyond audibility and specially designed Model HC-3 matched-level network, with "Brillane" and "Presence" controls. Operates with power input of 20-60 clean watts. Impedance: 8 ohms. Simer 26%" x 194/r x 1742" deep: removable base adds 2", S-11H is upright model; S-11L is lowboy. Shrge. exe: 87 Ths. User net: Mahogany-S245, Blond-5249, Walnut-S253.



The ULTRA-LINEAR 12, MODELS S-10H and S-10L Components comprise new C-12HC 12" high compliance, low resonance woofer, special 2500 cps crossover, wide-angle UL/HC tweeter and Model HC-2 matched level crossover network with high frequency adjustment (or matching room altenuation characteristics, Operates with power input of 25-60 clean watts. Impedance: 8 .0hms. Size: 25" x 14" x 144% deep; removable base adds 14%". S10H is highboy: S-10L is lowboy. Shae, wr.: 58 lbs. User net: Mahogany-\$139, Blond-\$143, Walnui-\$147.

MODEL 5-3TM, "TINY MITE"-Uses Model 308 8" 3-way Diffaxial speaker with University's exclusive true-axial construction and center-projected compression tweeter with "reciprocating-flare" principle, crossing over electrically at 5000 eps. Mid-range reproduced from parented deluxe multi-element Diffusione section with 1000 cps crossover. Response to 15,000 cps. Power capae. ity: 25 watts," room level 3 watts. Impedance: 816 ohms. Size: 214" x 154" x 1242" deep. Sheps. vet: 30 lbs. User net: Maliogany-585, Blond-588, Walnut-589,500. Enclosure only, Model TM 812-For use with any University 8" or 12" extended range speakers. Shyg. etc. 25 lbs. User net: Mahogany-543.50, Blond-546.50, Wal-nut-548.50, Unfinished-337.75.



MODEL 5-1, "COMPANIONETTE"-2-way speaker sys-tem using Model C-8W woofer and Model 4401 wide-angle tweeter. Response to 15,000 cps. Crossover al 2500 cps. Pourer empacity: 25 walls." room level approx. 1 watts. Impedance: 8 ohms. Size: 10" x 24" x 10" deep. Sing. vet. 21 ibs. User net: Mahogany-562, Biond-\$64, Walnut-\$65.75.

·Integrated program

Hear magnificent University speaker systems at your dealer...soon!



WEST COAST PRICES SLIGHTLY HIGHER

### NOTED WITH INTEREST

Continued from page 16

### Magnecord Updated

Magnecords are again coming off the production line. The company was purchased by Midwestern Insttuments, Inc. of Tulsa, and its facilities moved from Chicago. The first unit off the line is a Magne-Music tape player, used for background-music applications. It features reels capable of holding 9,600 feet of tape!

### Spanish First

Had an item in September HIGH FIDELITY about a book called Alla Fidelidad being the first such in Spanish. 'Taint so, it seems; John Newitt's well-known High Fidelity Techniques was translated and published in Mexico last year under the title of Tecnicas de la Alta Fidelidad. Translation by Eduardo Escalona; published by Liberia Bellas Artes, S. A.

Thanks to George Rinehart, of Rinehart & Co., for bringing this to our attention.

### **Record Cataloguing**

We have had several items in the past about various methods and means of cataloguing and labeling record collections. Carl Helmick, of 6805 Yellowstone Dr., Riverside, Calif., wrote us an interesting letter in midsummer, which we have not had space to publish until this issue. Here are his suggestions.

"The problem as I see it can be divided into four parts: (1) Arrangement of records; (2) Numbering of records; (3) Identification of records without having to remove them; and (4) Cataloguing of records. I shall take up these four subproblems in that order.

(1) My collection consists now of 12-inch, 10-inch, and 7-inch LPs, and some old 78s. For storing convenience I segregate the records by size, storing them vertically with the spines outward. I place them in the order I get them, but I suppose any other arbitrary order would do just as well. Arrangement by alphabetical order is not suitable for my collection, since a great many of my records contain material by more than one composer.

(2) I now assign a number to each record, each size of each speed being

Continued on next page

The Cartridge of tomorrow is HERE!

To ride in America's first jet airliner, you'll have to wait until 1959 but the cartridge of tomorrow can be yours today! The sensational new ESL C-60 electrodynamic cartridge, as advanced as tomorrow's jet and musical as a rare Stradivarius, is now at your audio dealer's.

Hear it, and you'll be astonished at the C-60's dramatic superiority of reproduction quality. You'll be astonished, too, at its ruggedness in any record changer or arm. With a voltage output five times the minimum specified for the world-famed ESL Concert Series cartridge, the ESL C-60 will easily drive all modern preamplifiers.

Like all fine ESL cartridges, the C-60 can greatly increase the life of your records and styli. Write for free information on the cartridge that's years ahead: the ESL C-60. Better yet, make it yours today. Only \$39.50.

COMPARE THESE MINIMUM PERFORMANCE DATA: • Frequency response flat within 1 db 18 cps to 20,000 cps (Elektra 35 test record) • Response extends beyond 30,000 cps • Minimum output 5 mv at 5 cm/sec • Minimum compliance 6.8 x 10-9 cm/dyne • Dynamic mass 1 mg • IM distortion atmost immeasurably small • Vertical stylus force 2-6 gms • Output impedance 40 ohms at all audio frequencies • No transformer nor transistor amplifier ordinarily required • Performance unaffected by load resistance FOR LISTENING AT ITS BEST Electro-Sonic Laboratories, Inc. Dept. H • 35-54 Thirty-sixth Street • Long Island City 6, N.Y. Just published

# Records Review IN The Third 1957

High Fidelity Annual

Edited by Joan Griffiths, Associate Editor, HIGH FIDELITY Magazine

Here, between the covers of a single volume, is the expert guidance needed by everyone who would make intelligent purchases of LPs and lapes.

This book, the only one of its kind, contains over 900 reviews of classical and semiclassical music, and the spoken word, that have appeared in HIGH FIDELITY Magazine from July 1956 through June 1957. The reviews cover the merits of the performance, the quality of the recording, and comparative evaluations with releases of previous years. They are written by some of this country's most distinguished critics.

The reviews are organized for easy reference -- alphabetically by composer and, when the number of releases for any given composer warrants, are divided further into classifications such as orchestral, chamber music, etc. An index of composers is included. The book is printed in clear type on fine quality paper, attractively bound and jacketed.

RECORDS IN REVIEW is published by The Wyeth Press, an affiliate of HIGH FIDELITY Magazine.

	-\$4.	<b>95</b>
--	-------	-----------

### ORDER TODAY

Be sure to order copies to give as Christmas gifts for your musicloving friends.

	\$ for which please send me
	the new RECORDS IN REVIEW. (No C.O.D.
	orders, please.) Foreign orders sent at buyer's
	55¢ per book for postage on foreign orders
except Ca	nadîan.
NAME	
ADDRESS	

### NOTED WITH INTEREST Continued from preceding page

numbered separately with a prefix before the number to indicate the size and speed. I use the prefixes L, M, and S to indicate the record sizes: L (large) for 12-inch, M (medium) for 10-inch, and S (small) for 7-inch records. I do not indicate the speed for LPs, since nearly all of my records are LPs, but for other speeds I put the number of the speed before the letter prefix. Thus I number my 12inch LPs L1, L2, L3, L4, etc.: my 10inch LPs M1, M2, M3, etc.; my 10inch 78-rpm records 78 M1, 78 M2, 78 M3, and so on. An album which contains two or more records is numbered L5 2/3 for a two-record album or L6 4/8 for a five-record album.

To label the records, I use peelable labels of suitable size which come in sheets of twenty. Being on a sheet of oiled paper, they are easy to roll into a typewriter and can be typed on. I type them, then peel them off the oiled paper and stick them onto the record album so that the record number appears on the back, spine, and front with the equalization indicated on the front. These labels usually stick quite well, but if on a few albums a corner should not stay down tight, a spot of glue will solve that. I do not know if these labels are generally available in a size suitable for this purpose. If you can't find any, Stanley P. Billey, P.O. Box 20, Castle Rock, Minn., can supply a large number of sizes of them at a fairly small cost. For instance, the size 3/8"  $\times$  1<sup>1</sup>/<sub>2</sub>" costs \$1.00 for 200 labels, or you can get 150 of size  $\frac{3}{4}'' \times 2''$  for \$1.00. Other sizes are similarly inexpensive.

(3) It is nice to be able to look at the records in their "stalls" and be able to rell what compositions appear in each. The newer records with their nicely labeled spines make this easy, but what about all the records that don't have this convenience? You can't easily label their spines, of course, but you can make labels to stick onto the spines. In my case I went to the nearest printing shop and bought a large sheet of white gummed paper. I cut this into pieces small enough to fit into my typewriter and went to work. After typing, I cut the gummed paper into strips and pasted them onto the spines. This problem was easily solved, and cheaply, too; the large sheer of Continued on page 24

## Yes sir! It's my suggestion everytime!





### What is?

Norelco Full Response Speakers. As your choice for true high fidelity reproduction, Norelco's twin-cone speakers will bring you a new dimension in musical enjoyment for a long time to come. They make a perfect family treat at Christmas time.

Yes, but money gets tight at this time of year. Why, that should be no problem. How's that?

Simple, penny for penny, note for note, Norelco \*FRS speakers reproduce sound more faithfully than any other sound radiator anywhere near its price range.

What makes Norelco speakers so much better? I always say, listen to be convinced—your cars will soon tell you. But to make a long story short —These Norelco people have been in the sound husiness for years. They designed these twin-cone speakers to accurately register highs through the smaller cone and lows through the larger cone. Both are operated from the same voice coil and the same magnet—producing a flat response with exceptional reproduction of transients. On low loudness levels, relative tonal balance is clearly maintained with clean bass, smooth middle tones and clean, sharp highs—free from undesirable harmonics and spurious effects . . . Need I say more?

### In what sizes are they supplied?

Five, eight, ten and twelve inch models, and there are specially built Norelco enclosures available for them too. They are obtainable at better dealers everywhere. They all produce real sound, brother . . . real sound!

**Norelco** FRS. Speakers are available in 5", 8" or 12" sizes in standard impedances. Priced from \$6.75 to \$59.98. Blueprints are available for the do-it-yourself enclosure builder. Norelco Enclosures are available in three sizes, priced from \$33.75 to \$119.95.



ADD TO . . . and improve any sound system with Norelco \* FULL RESPONSE SPEAKERS.

Write today to Dept. K12 for brochure and prices of these unique speakers.

NORTH AMERICAN PHILIPS CO., INC., High Fidelity Products Division, 230 Duffy Ave., Hicksville, L. I., N. Y.



For years, engineers have strived to achieve really BIG SPEAKER PERFORMANCE IN SMALL SPACE. Today, we can say it has actually been done! Because the Audette Sr .- the newest of hi-fidelity speakers -- employs all the features of systems many times its size! It is a two-way speaker system, with true Helmholz construction. It has an extremely wide frequency range (45-17,000 cps), and an amazing balance of natural sound. Yet it gives you all this in a cabinet measuring only 22" wide x 101/2" deep x 27" high, including matching legs! See it today, hear it today ... you'll recognize it as the perfect answer to the problem the hi-fidelity industry has long sought to solve - BIG SPEAKER PERFORMANCE IN SMALL SPACE!

Can be used singly for monaural or in pairs for Stereo Systems.

IN MAHOGANY \$69.50 IN WALNUT OR BLONDE \$74.50



### NOTED WITH INTEREST

### Continued from page 22

gummed paper was only six cents. I thought of using white contact paper instead of gummed paper. This was fine except it would not absorb the typewriter ink unless it could set for three or four months.

(4) I personally use a rather extensive card-filing system. It is divided into two sections: one for listing under composer (plus a "Title" section for those records which cannot be conveniently listed by composer) and another for listing by type of composition. The first section of the card includes the record number, the composer, the title of the work, the performers, the record number (manufacturer's), the playing time, and other works found in the same record. Each performance of each composition gets one of these cards. In the other section, I list only the heading (chamber music, concerto, symphony, solo, etc.) plus the record numbers (mine) on which the work occurs, the composer, and the citle. Thus each work gets only one card even if I have several performances. In addition my cards are "color coded." I use yellow cards for baroque and pre-baroque, green for the classical school, blue for the nineteenth-century romantic school, and red for modern. I use white cards for anthologies which contain works from more than one of the above periods and for any other unclassifiable material. This works fine, the only problem being in classifying borderline cases. This system may be too extensive for many people since it would require a bit of typing to keep a large number of records listed this fully. For simplicity and less work the listing under the composer section might be abbreviated, as in the type-of-composition section, or one of these two sections might be omitted altogether.

### Open Air Hi-Fi

In Toronto last summer, high fidelity went outdoors. Four sound columns, with six speakers each, were scattered around the Edwards Gardens. A tape recorder fed into two 120-watt amplifiers did the rest - and the people loved it. Attendance in the park soared. The Toronto Telegram, however, rcported that the head gardener's pet raccoon took to the woods.

### 

HIGH FIDELITY MAGAZINE

# SPECIFICATIONS GUARANTEED

McIntosh guarantees performance at all listening levels from 0 to 60 watts. Compare these guaranteed specifications;

### **GUARANTEED**

Harmonic distortion of 1/3% 20 to 20,000 cycles. Less than 1/2% intermodulation distortion of any two frequencies provided power does not exceed 120 instantaneous peak watts. Impulse distortion is negligible.

### **GUARANTEED**

Frequency response is  $\pm$ .1 db at 60 watts 20 to 30,000 cycles.

### **GUARANTEED**

Total noise and hum is 90 db or more below rated output.

### **GUARANTEED**

Maximum phase shift is less than  $\pm 8^{\circ}$ , 20 to 20,000 cycles.



**GUARANTEED** Less than .3% distortion at 4 volts output, 20-20,000 cycles, at any setting of controls.

- **GUARANTEED** Maximum flexibility, the baton at your fingertips for perfect equalization of all phonograph records.
- GUARANTEED Total hum and noise is -110 db as referred to input.

In Canada manufactured under license by McCurdy Radio Industries, Lid. 22 Front Street W., Toronto, Canada LABORATORY INC 4 Chambers St., Binghamton, N. Y. Export Division: 25 Warren St., New York 7, N.Y. Cable: SIMONTRICE N.Y.

\*U.S. patent #2,477,074; 2,545,788; 2,654,058. HF 12-57

DECEMBER 1957

MC-60 \$198.50

The revolutionary patented McIntosh Bifilar Circuit,\* results in 99 60/100% perfect (distortion free) power. Only McIntosh, the most trusted name in High Fidelity, brings you such performance.

thritosh



The C8 McIntosh Professional Audio Compensator is the finest preamplifier built today. For unmatched brilliant performance and flawless reproduction hear it today. Mc Intosh guarantees the specifications!

### How to bring a little more Christmas into your home

Christmas is many things to many ກາຕກ

It's kids, up early, opening presents under the tree.

It's families, together for a conviviality and good feeling that belongs to this time of year.

It's a church service, where the Christmas Story springs to life with real meaning.

It's charity, where man offers fellowman a lift-clothes for the needy . food for the hungry . . . shelter for the cold.

And through it all there's music.

There's the timeless beauty of the Gregorian Gloria, or the enduring, almost hackneyed grandeur of Messiah. There are hordes of familiar, lovely hymns and carols. And there are traditional readings that are musical in concept, if not always in execution.

Our point is this. If you'd like to enjoy the sounds of this year's Christmas a little more through the medium of hi-fi, we'll be glad to supply any or all the fine elements offered below. They'll make your Christmas music ever the more enjoyable, we promise.

### CHRISTMAS MUSIC COMES TO LIFE WITH THESE COMPONENTS

Perfection by Ampex - This machine has every-thing! Stereo record and playback complete with amplifiers and speakers on a superb AMPEX tape system . . . plus changer and AM-FM tuner. Mahogany or Blonde. \$1495 (complete) Net price \$ 895 (table top unit less

changer and tuner)

Garrard Precision Turntable - Finest English craftsmanship applied to the right way to play records. Three speed, 5% speed ad-justment to tune instruments. Garrard 301! \$113.50 (includes base) Net price

Bozok's Bost Buy – The B-305 "double" system. Has two Bozak coaxial speakers plus a mid-range unit for purest frequency response. And it's at its best when reproducing music! Available in blonde or mahogany. Net Price \$390.00 (Contemporary) \$525.00 (Provincial)

Foirchild XP-3 - Another first! Superb experimental cartridge in the tradition of Pair-

child engineering and construction. For music listeners who want and can afford the very best of cartridges. Diamond 0.001" stylus only. Net Price \$60.00

All prices F. O. B. Boston, Mass.



] Mahogany	D Blonde	Enclos	ied is check for \$.	
Name				
Address		*****************		
-iru		7000 (	) Store	



LONDON-The "Covent Garden Ring" - it has a character of its own to merit the description-dates in effect from 1955, when Rudolf Kempe took over musical direction of the new staging (designed in gray cloudscapes by Leslie Hurry, produced sensibly by Rudolf Hartmann of Munich, and drily conducted by Stiedry) of the previous year. Hans Hotter returned as Wotan and Peter Klein as Mime, while Ramon Vinay made his debut for us as Siegmund. 1955 brought Windgassen's Siegfried, and now the disposition has been strengthened by the Brünnhilde of Birgit Nilsson.

In point of casting, then, our performance has much in common with the "New Bayreuth Ring." Like Bayreuth's too, it is a "modern" Ring, stripped of the opulent upholstery of the traditional Wagner presentation. But there is this difference, that where at Bayreuth the producer-grandson goes to work primarily on visual aspects, Kempe begins with the music. About fifteen years ago Richard Strauss made staunch Wagnerians blink when, complaining that "at Bayreuth many of the inexhaustible riches of the score are lost," he declared himself "on the whole more in favor of the old Italian theater" for the cycle. Kempe's conducting at Covent Garden shows the force of this. Turning the absence of a sunken pit to advantage, he dares to bring long passages - whole acts, some would say whole operas - down to a chamber-music level of subtlety. In his fine-grained, gentle treatment, every p and pp and ppp is scrupulously and literally observed. The singers need never fling their phrases against a bastion of orchestral sound. Siegmund and Sieglinde murmur many of their exchanges. Woran starts his narration in a whisper. Wood-wind solos sing out as if this were Mozart at Glyndebourne.

Continued on page 28

### HIGH FIDELITY MAGAZINE

26



NOUESTIONED MASTERPIECES OF PRECISION



2 IN

Vohansson Blocks, used for high-precision measurements, are accurate to within one millionth of an inch. Their surfaces are ground so perfectly flat that, when one is placed on top of the other, molecular attraction and atmospheric pressure wring them firmly together

In high fidelity "JBL" is the symbol of highest precision. JBL loudspeakers are used most often to demonstrate the quality of other components. The tight electrical coupling and rigid piston assembly that give JBL cone speakers their distinctive, crisp, clean sound can only be achieved by manufacturing to the closest tolerances. Painstaking precision in forming diaphragms, winding voice coils, and machining phasing plugs gives JBL high frequency drivers their smooth, peak-free performance: The unexcelled efficiency and transient response of JBL transducers are directly related to the precision with which the units are made. Write for your free copy of the new JBL catalog and the name of the man in your community who can demonstrate the difference precision makes—your Authorized JBL Signature Audio Specialists

"JBL" MEANS JAMES B. LANSING SOUND, INC. 3249 Casitas Avenue, Los Angeles 39. California





### NOTES FROM ABROAD

### Continued from page 26

At first we were surprised, but pleased. By 1956 Kempe had developed and deepened his conception. The Rhinegold was searching, The Valkyrie passionate, Siegfried a contrast of colorfulness and reflection, while in The Twilight of the Gods, discovering in his orchestra new reserves of weight, intensity, and tonal beauty, the conductor brought all these elements together in one inspired reading. This 1955 cycle came to us as a revelation of clarity and proportion; it was as if the performance had been conceived in a single surge of re-creative and interpretative impulse.

This year, however, we have begun to question. The scaling-down process has been pushed to extremes. There has been a lack of climactic weightiness in the orchestral tone. The storms have not been stormy. The emotion of "Du bist der Lenz" or of "Zu neuer Thaten" has been not flushed radiance but a mild glow of lyricism. Kempe's reading remains very beautiful, very fine. But - in part because he has avoided vigor of accent and reduced dynamics until only the Prelude to Siegfried Act III and the climax of the Funeral March are really loud, in part because, familiar now with his virtues, we perceive more keenly the sacrifices they entail - this Ring has at times failed to grip us. In a paradoxical way, the very insistence on the tetralogy as a consistent work of art, and the abnegation of sonic splendors which should sweep us forward, have drawn attention to the ramshackle dramatic construction which barely underpins the great work.

Whatever a Woodbird may have said, EMI deny that they have any specific plans for recording this Ring. So finely studied, if unspontaneous, a performance might be very enjoyable on discs, though it could be more strongly cast: with a younger, more radiant Sieglinde than Sylvia Fisher, better Rhinemaidens (ours always sound as if they were about to bid Alberich Lift his Eyes), Valkyries, and minor gods and goddesses. Maria von Ilsovay is the Fricka for records; this year, though retaining her beautiful Waltraute, she moved down to make a less impressive Erda, while Georgine von Milinkovic was a more ordinary Fricka than Ilsovay had been. Since Ludwig Weber left the Ring, our Continued on page 32

# what could be

more

exciting

to a high fidelity enthusiast?

# NEW GLASER-STEERS

### the fully automatic record changer with turntable quality performance

At last — what every audiophile has been waiting for — the convenience of a fully automatic record changer with the perform. ance quality of a transcription turntable.

The new GS-77 provides a quality of performance unsurpassed by turntables up to double the price. Flutter and wow are virtually non-existent. Rumble has, for all practical purposes, been eliminated. And as for automatic conveniences - it is, without doubt, the most advanced record changer of our time.

There is more originality in the GS-77 than in all other changers combined! See for yourself.

'SPEEDMINDER'\*...the amazing GS-77 feature that automatically selects correct turntable speed, and gives you record and stylus protection no other changer can equal.

You simply set the indicator to 'SPEEDMINDER' and automation takes over ...

- with the standard groove stylus in play position, the changer automatically plays at 78 rpm.
- with the microgroove stylus in position, the changer automatically intermixes and plays 33 and 45 rpm records without regard to speed, size, or sequence.

TURNTABLE PAUSES during change cycles and doesn't resume motion until next record has come into play position and stylus is in lead-in groove. Eliminates record surface wear caused by grinding action of record dropping on moving disc—a common draw-back in other changers. And the change cycle lasts only 5 seconds — fastest in the field.

\* Trademark

† Potents Pending

**Every featuret spells**-Greater Convenience and Better Performance – The ARM is shock suspended and damped, effecting complete acoustical isolation from deck plate and motor and practically eliminating resonance. An accessible vernier control adjusts stylus pressure to match any cartridge requirements. Once adjusted, the variation of stylus pressure between the first and tenth record on the table does not exceed 1 gram. Transcription arm convenience includes: finger lift for manual play, as well as indicator to facilitate location of stylus in groove. The MOTOR is 4-pole induction, dynamically balanced, hum shielded and shock mounted — all to assure accurate, constant speed, and smooth operation.

Seventy S

The IDLER and other rotating parts are precisely centered and mounted on low friction bearings. Idler automatically disengages in 'off' position. Prevents flat spots and wow. MUTING SWITCH and R/C filter network squelch all annoying sounds.

The GS-77 is absolutely jam-proof — built for years of troublefree performance. A single knob controls all automatic and manual operations. The changer is pre-wired for easy installation, and is dimensioned to replace most changers.

less cartridge and base - ONLY \$5950

Styling of the new GS-77 is gracefully simple – enhanced by its ebony and brushed gold finish and oyster white turntable mat. For a thrilling experience – see it – hear it at your high fidelity dealer. Descriptive literature available on request. Dept. HF-12.

GLASER-STEERS CORP. 20 Main Street, Belleville 9, N. J. In Canada: Glaser-Steers of Canada, Ltd., Trenton, Ontario. Export Div.: M. Simons & Son, Co., Inc., New York 7, N. Y.

29



## ... Television That Is Something MORE!

TRULY in tune with high fidelity, Fleetwood Custom Television is the only television receiver made to complement your high fidelity system and match its quality. With Fleetwood, you get distortion-free audio outputs that not only complete your sound system, but also make a noticeable difference in television sound quality.

Anywhere you install Fleetwood - it belongs beautifully! In a wall, room divider, piece of valued heirloom furniture, bookcase - in the living room, den, kitchen, bedroom, recreation room - Fleetwood installations are unlimited! Fleetwood's exclusive Definition Control tailors picture texture to suit individual taste - from soft and diffused to sharp and clear. Fleetwood's fully electronic remote control offers you not just channel selection and volume control - but contrast, brightness, volume, channel selection, fine tuning and Definition Control. (Non-remote models are also available.)

Fleetwood is the professional's choice - built to the same high quality standards as the broadcast monitors Fleetwood makes for the major networks. Have your dealer give you a demonstration, and discover television all over again!

Write today for a FREE booklet of installation ideas, complete information and the name of your nearest dealer.

Fleetwood custom television Crafted by CONRAC, INC., Department A, Glendora, California

Export Division: Frazar & Hans:n, Ltd., 301 Clay St., San Francisco, Calif.

HIGH FIDELITY MAGAZINE

### ARIZONA

AUDIO SPECIALISTS 333 East Camelback Road, Phoenix Phone: AMherst 5-0447 NILES RADIO & TV CENTER 400 N. 4th Avenue, Tucson Phone: MA 3-2537

### CALIFORNIA

BERKELEY CUSTOM ELECTRONICS 2302 Roosevelt, Berkeley Phone Thornwall 3-4160 AUDIO SALES CO. 1209 E. Belmont Ave., Fresno 1 Phone: AD 7-1401 NEWARK ELECTRIC COMPANY NEWARK ELECTRIC COMPANY 4736 W. Century Blvd., Inglewood Phone: ORegon 8-5344 ORchard 7-1127 UNIVERSAL DISTRIBUTORS, INC. 4642 W. Century Blvd., Inglewood 2 Phone: ORegon 8-5509 ORchard 4-5740 CALIFORNIA SOUND PRODUCTS, INC. 7264 Mediate Augusta Let Auropart 7264 Melrose Avenue, Los Angeles 46 Phone: WEbster 1-1557 CRENSHAW HI-FI CENTER 107 Santa Barbara Plaza, Los Angeles 8 Phone: AZminster 3-8201 LOS ANGELES PORTABLE RECORDING ENTERPRISES 525 No. La Cienega Blvd., Los Angeles 48 Phone: Oleander 5-8664 MIDWAY ELECTRONIC SUPPLY CO. MIDWAY ELECTRONIC SUPPLY CC 2817 Crenshaw Blvd., Los Angeles 16 Phone: REpublic 1-2451 CUSTOM AUDIO 2650 Avon Street, Newport Beach Phone: LIberty 8-8671 GENERAL ELECTRONICS 4156 Piedmont Ave., Oakland Phone: OLympic 5-2711 DOW PADIO Phone: OLympic 5-2711 DOW RADIO, INC. 1759 East Colorado Street, Pasadena 4 Phone: SY 3-1197 RYan 1-6683 SOUTH BAY ELECTRONICS 1907 S. Catalina Ave., Redondo Beach Phone: Frontier 5-8215 HOLLYWOOD HI-FI 1839 E Street, San Bernardino Phone: 8-36101 HAL COX COMPANY Phone: 8-36101 HAL COX COMPANY 2598 Lombard Street, San Francisco 23. Phone: WEst 1-3134 MUSIC AND SOUND CO. 222 West Portal Ave., San Francisco 27 Phone: MOntrose 4-2830 GRACIE'S RECORDS 204 Wint Third Street Salta App 304 West Third Street, Santa Ana Phone: KI 3-2684 EMMONS AUDIO EQUIPMENT 12600 Ventura Blvd., Studio City Phone: PO 1-2989

### CONNECTICUT

DAVID DEAN SMITH 262 Elm Street, New Haven 11 Phone: UNiversity 5-1101 GROVER'S RADIO SHOP 264 W. Main Street, Norwich Phone: TU 7-0567 AUDIO WORKSHOP, INC. 1 South Main Street, West Hartford 7 Phone: ADams 3-5041

### DISTRICT OF COLUMBIA

SHRADER SOUND, INC. 2803 M Street, N.W., Washington 7 Phone: ADams 4-4730

### **GEORGIA**

BAKER FIDELITY CORP. 1140 Peachtree St., N.E., Atlanta Phone: TR 5-2156

### ILLINOIS

ALLIED RADIO CORPORATION 100 N. Western Avenue, Chicago 80 Phone: HAymarket 1-6800 Phone: HAymarket 1-6800 ELECTRONIC EXPEDITERS, INC. THE HI-FI CENTER 2909 West Devon Avenue, Chicago 45 Phone: RO 4:8640 NEWARK ELECTRIC COMPANY 223 W. Madison Street, Chicago 6 Phone: STate 2-2950 ROCKFORD HI-FI 1118 Auburn Street, Rockford Pitone: 3-9169



Fleetwood® dealer or write: Conrac, Inc., Dept. A. Glendora, Cal.

THE RECORD HI-FI SHOP Lewis Ave. Shopping Plaza, Waukegan Phone: ON 2-4445

### KANSAS

PHIL WOODBURY SOUND 1103 Commercial, Emporia Phone: 20 PLAZA TELEVISION 1408 Huntoon, Topeka Phone: 25007

### KENTUCKY

J. M. HISLE AND ASSOCIATES 405 South Upper Street, Lexington Phone: 2-7884

#### MARYLAND

HI-FI SHOP 153 No. Mechanic Street, Cumberland Phone: PArkview 2-0050

### MASSACHUSETTS

THE LISTENING POST, INC. The Distening POST, INC. 161 Newbury Street, Boston 16 Phone COpley 7-7530 A & L SOUND CO, 47 Osgood Street, Methuen Phone: MU 2-0178

#### MICHIGAN

AUDIO SUPPLY LABORATORIES "HI-FI CENTER" 214 South State Street, Ann Arbor Phone: Normandy 2-7767 K. L. A. LABORATORIES, INC. 7422 Woodward Avenue, Detroit 2 Phone: TRinity 4-1100 R. L. KARNS ELECTRONICS 910 E. Fulton Street, Grand Rapids 3 Phone: GLendale 8-5869

### **MINNESOTA**

THE MINNESOTA ELECTRONICS CO. 816 LaSalle Ave., Minneapolis 2 Phone: FE 3-0778

### MISSOURI

THE HIGH FIDELITY SHOWROCA, INC. 6383 Clayton Road, St. Louis 17 Phone: PArkview 1-6500

#### NEW HAMPSHIRE

EVANS RADIO, INC. P.O. Box 312, Route 3A, Bow Junction, Concord Phone: CA 5-3358

#### NEW JERSEY

RADIO ELECTRIC SERVICE CO. OF NEW JERSEY INC. 513 Cooper Street, Camdon 2 Phone: WOodlawn 4-2830 HI-FI HAVEN 28 Easton Ave., New Brunswick Phone CH 9-5130 CASEY HI FI INSTALLATION CORP: 856 Lincoln Place, Teaneck Phone: TE 6-4200

### NEW YORK

NEWMARK & LEWIS, INC. 43 Main Street, Hempstead, L. I. Phone: IVanhoe 1-6890 HOUSE OF HI-FI 605 Plandome Road, Manhasser, L.I. Phone: MA 7-1376 Phone: MA 7-1376 ARROW ELECTRONICS, INC. 525 Jericho Tumpike, Mineola Phone: Ploneer 6-8686 ARROW ELECTRONICS, INC. 65 Corilandt Street, New York 7 Phone: Digby 9-4714 ASCO SOUND CORPORATION 115 West 45th St. (Third Floor), New York 36 Phone: JUdson 2-1750

HI-FI HQ Open Evenings 150 East 46th Street, New York 17 Phone: Plaza 5:2650 LEONARD RADIO, INC. "AUDIO MART" 69 Cortlandt Street, New York 7 Phone: CO 7-0315 TERMINAL RADIO CORPORATION 85 Cortlandt Street, New York 7 Phone: WOrth 4-3311 CONCERT-CRAFT, INC. P. O. 66, Brandywine Station, Schenectady 4 Phone: FR 2-8989 W. G. BROWN SOUND EQUIPMENT CORP. 521-27 E. Washington St., Syracuse 2 Phone: 2-8979

### OHIO

AUDIO CRAFT CO. 2915 Prospect Avenue, Cleveland 15 Phone: CHerry 1-5560 COUNTERPOINT 20971 Westgate (Westgate Shopping Center) Cleveland 26 Phone: ED 1-6448 CUSTOM CLASSICS 13421 Euclid Avenue, East Cleveland 12 Phone: GL 1-0256 PIONEER ELECTRONIC SUPPLY CO. 2115 Prospect, Cleveland 15 Phone: SU 1-9410 DAYTON SOUND ASSOCIATES 1357 Philadelphia Drive, Dayton 6 Phone: CR 4-5844 RICHARD J. SAUER CUSTOM ELECTRONICS, INC. 1000 South Main Street, Dayton 9 Phone: ADams 3158 R. S. T. LABS 14511 Granger Road, Maple Heights Phone: MOntrose 2:3213

### **OKLAHOMA**

THOMSON SOUND SYSTEMS 423 So. Webster, Norman Phone: JEfferson 4-8745 SOUND UNLIMITED 3745 South Peoria, Tulsa 5 Phone: Riverside 2-4308

#### PENNSYLVANIA

AUDIO LABORATORIES, INC. 808 Mohican Street, Bethlehem Phone: UNiversity 7.3909 ALMO RADIO CO. 913 Arch Street, Philadelphia 7 Phone: WA 2-5918 TEN CATE ASSOCIATES 6128 Morion Street, Philadelphia 44 Phone: GErmantown 8-5448 RADER & FASIG, INC. 704 Walnut Street, Reading Phone: 4-7831

### TEXAS

GULF COAST ELECTRONICS 1110 Winbern Street, Houston 4 Phone: JAckson 8-1151 WRYE COMPANY, LTD. 2410 W. Alabama, Houston 6 Phone: JA 3-7874

### WASHINGTON

HOUSE OF HI-FIDELITY 20TH CENTURY SALES, INC. 1021 W. First Ave., Spokane 4 Phone: MA 4-0801

#### WISCONSIN

HI-FI HOUSE 523 East Silver Spring Drive, Milwaukee 17 Phone: EDgewood 2-1700 THE HI-FI CENTER, INC. 4236 West Capitol Drive, Milwaukee 16 Phone: UPtown 1-2113



### NOTES FROM ABROAD

### Continued from page 28

basses - Ernster Ludwig Hoffmann, currently Kurt Böhme -- have never been better than adequate, though one remembers with pleasure Gottlob Frick's 1951 appearances. Hotter, Windgassen, Vinay, Klein, Otakar Kraus's Alberich, and Hermann Unde's Gunther probably could not be bettered today. Neither in penetrating beauty of tone nor in intensity of dramatic projection does Nilsson yet rival Astrid Varnay in her best form as Brünnhilde, but she is a far more reliable singer, and already an accomplished exponent of the role. Her phrasing is always musical and nearly always expressive, and with greater orchestral stimulus she might have sung still more magnificently.

By the time these words are in print, readers possibly may have heard Flagstad's recording of Act III of The Valkyrie. To ensure a live operatic feel (especially in its eventual stereo version), this was recorded with stage movements, and Valkyries clambering about on an improvised mountain. Flagstad has declared herself well pleased with the result, and game now to do the rest of the opera - perhaps Sieglinde too in the first act. Another Flagstad recording on its way, incidentally, is a Mahler coupling of Leider eines fahrenden Gesellen and Kindertotenlieder, accompanied by the Vienna Philharmonic under Boult.

Artist as Teacher. London's other main musical event has been the return of Lotte Lehmann, to conduct a series of twelve public master classes in opera and lieder, under the aegis of Joan Cross's Opera School. The warmth of her Wigmore Hall welcome, in this city where (under Bruno Walter in 1924) she first sang the part of the Marschallin, was affecting. Those of us who had never heard her in the flesh were there too to greet her with love. The first two classes were both devoted to Der Rosenkavalier, and under her tuition young singers blossomed. Halfspeaking, half-singing in an octavedown transposition, and uttering the words with the beauty of enunciation we know so well, she made her performance of the Marschallin live again. With a complete performance of the monologue, with "Ich weiss anch nix," and its sighed echo, "gar nix;" again when she left the young couple with

Continued on page 34

### HIGH FIDELITY MAGAZINE

MASSACHUSETTS

CAMBRIDGE

30

CROSS

STREET



## Brightest star in the

# hi-fi heavens... the CONN organ

The ultimate in music enjoyment comes from the music you make yourself. On a Conn organ, this making of music is easy and the results are satisfyingly beautiful and inspiring.

The Conn Rhapsody here pictured is a fine musical instrument built to the standards of electronic perfectionism which the hi-fi fan today demands. Two 49-note manuals, a 25-note pedalboard and 27 rocker-type control tabs activate the multivoiced tone system, which includes three built-in high fidelity speakers. Excitingly styled by Raymond Loewy in African, beige mahogany or ebony finishes, the Rhapsody console is only 50" wide, 37%" high and 26%" deep.

The price of the Rhapsody is less than \$2000. For this, the perfect complement to your fine high fidelity system, see your Conn organ dealer or send the coupon below. Conn Organ Corporation, Elkhart, Indiana.





Ø

### DIAGRAM OF RHAPSODY VOICE TABS AND COUPLERS

### SOLO VOICES

- Diapason 8
   Soft Fluie 8
   Concert Flute 8
   Soft String 8
   Violin 8
   English Horn 8
- 7. Oboe 8

### SOLO COUPLERS

- 8. Accomp to Solo 16 9. Unison Off 10. Solo 4
- 11. Solo 2-2/3 12. Solo 2
- 13. Solo 1-3/5

### REDAL VOICES 14. Echo Bass

- 15. Sub-Bass
- 16. Major Bass ACCOMPANIMENT
  - 17. Solo to Accomp 8
  - 18. Solo to Accomp 4
  - 19. Open Diaposon 8
- 20. Accomp Flute
- 21. Flute 8
- 22. Echo String 8 23. Cello 8
- 24. Reed 8
- GENERAL
  - 25. Tremolo L
  - 26. Tremolo M
  - 27. Tremola F

#### CONN ORGAN CORPORATION Elkhart, Indiana

Please send Conn Rhapsody Bulletin 3060.

Please send electronic description of Conn organ tone production.
 Please send list of music recently arranged for Conn organ.

Name.t		•
Address	· · · · · · · · · · · · · · · · · · ·	•
100	State.	

# TIMB

# for listening

When superlatives begin to pall and specifications no longer impress, it is time to listen and to listen long and carefully. From this, the most exacting of tests, the Vitavox DU120 Duplex Coaxial Loudspeaker will emerge triumphant. Smooth full range reproduction free from pronounced peaks and distortion ensures satisfaction to the discerning user over many hours of critical listening.

VITAVOX DUPLEX COAXIAL

> Made in England by VITAVOX LIMITED London, N.W.9

FULL RANGE

Write today for this fully descriptive brochure from the sole agents



IN THE UNITED STATES ERCONA CORPORATION 551 FIFTH AVENUE NEW YORK, 17, N.Y.

> IN CANADA THE ASTRAL ELECTRIC CO. LTD. 44 DANFORTH ROAD TORONTO, 13

### NOTES FROM ABROAD

### Continued from page 32

one last glance of mingled tenderness, sadness, and love, "In Gottes Namen," she flooded the hall with emotion. The chivalrous Neville Cardus was moved to suggest that Covent Garden should engage her for their next revival of Der Rosenkavalier since "only the imaginatively stone-deaf will ever find out that she is not really singing."

At the second class, a wonderful thing happened. We had reached "Heut' oder Morgen;" Mme. Lehmann was sitting with her back to the audience, directing. Suddenly the voice of Miss Shirley Sproule was flooded over in a stream of warm glorious sound. We gasped, not quite able to believe our ears. But then Mme. Lehmann rose to demonstrate, and "Hent' oder Morgen" was given out as a full, romantic, glowing outburst. With well-simulated surprise at herself, she checked back after the five notes; but our further attention to the class was misted over by emotion. I have now heard Lehmann sing, and will never forget the experience.

As for the lieder classes - well, they are concerned largely with what Mme. Lehmann herself dubbed "more than singing." She hardly makes the distinction between the impersonation of an opera performance and the less direct evocation of scenes called for by lieder. It was disconcerting to see the Junge Nonne, during the piano prelude to Schubert's song, glancing anxiously up at the ceiling as if she were afraid that the rain might be coming through; but wonderfull, on the other hand, to see the boastful wench who "had in Penna," during the postlude, savor in memory all ten lovers from Castligione - "oh, a wonderful town!" - in as many bars. Fascinating, adorable artist!

Other News: The companies' main activity now is getting their summerrecorded operas out on the market. But Klemperer is due to do a Beethoven cycle with the Philharmonia in Festival Hall, and at the same time EMI will complete this series of Beethoven symphony recordings. The new Philharmonia Chorus makes its debut in the Choral Symphony; next year Klemperer does with them a Matthew Passion. — ANDREW PORTER

HIGH FIDELITY MAGAZINE


# TURNTABLE SYSTEM

surpasses all industry performance standards by more than 100%

Unquestionably the most exciting high fidelity development of our time, the new Fairchild E/D Electronic Drive turntable brings us closer to the ideal of perfect record reproduction than we've ever been before. It is almost incredible to think that rumble, wow and flutter have been so drastically reduced that if their presence is at all detected, they originate in the record or in the recording equipment.

The reason for this is clear when we realize that the performance ratings of the E/D actually surpass the critical standards adopted for primary professional recording equipment. And as for playback equipment, the Fairchild E/D shows improvements of more than 100% over standards prescribed by the NARTB.

The new Fairchild E/D is another miracle of modern electronics, brilliantly conceived and engineered. It has brought with it a new smooth simplicity of performance, completely eliminating the intricate mechanics, the multiplicity of moving parts upon which conventional turntables depend for their operation. In so doing, the E/D has achieved an accuracy and constancy of speed, a

quietness of operation beyond anything we have ever known. And this performance is independent of, and unaffected by any variations in power line voltage and frequency.

The Fairchild E/D is a complete 4-speed, electronically driven turntable with hysteresis-synchronous motor and built-in Electronic Control-Regulator, and can be operated from any AC line supplying 85 to 135 volts, or from a DC line with a convertor, or with storage batteries and a vibrator-inverter. Each speed has its own vernier adjustment. Without the ECR, the Fairchild E/DTurntable Unit serves as a high quality,

single-speed 331/3 rpm turntable that operates directly from a 60-cycle AC line. The ECR can be easily added at a later date.

Fairchild E/D complete 4-speed system \$186.50; Turntable Unit single-speed 331/3 rpm turntable (less ECR) \$99.50; Electronic Control-Regulator (ECR) \$94.00; Hardwood Base (shock-mounted) walnut, mahogany or korina \$31.50.

See the new E/D at your Fairchild dealer. Literature on request.

FAIRCHILD RECORDING EQUIPMENT COMPANY 1040 45th Avenue, Long Island City 1, N.Y.



IN ALL MY YEARS of record and book reviewing, I can't remember when publishing vagaries have presented me with a more stimulating problem in the reconciliation of extreme contrasts, or the harmonization of apparently nonhomogenous materials, than the current, near-simultaneous release of two volumes which at first glance seem wholly unrelated. Yet for all their evidently opposed polarizations, each of these works is of vital significance to every home listener eager to break through the barriers which normally limit his aural experience. One of them is a slim paperback dashed off within a few months by a technical writer pioneering in a radically novel subject. The other is a weighty volume, prepared over a period of many years by a panel of musicologists summing up centuries of research in fields which have endlessly fascinated musicians and listeners. The former is Norman H. Crowhurst's 128page Stereophonic Sound (Rider, \$2.25), the first attempt in book form to deal with the latest triumph of audio technology; the latter is the first of the some eleven volumes that will make up the great New Oxford History of Music (in progress) - Ancient and Oriental Music, edited by Egon Wellesz (Oxford, \$9.50), the latest effort to trace music back to its origins and to evaluate the influences of the earliest music makers on those of our own day.

It's true, of course, that many listener-readers already have expended considerably more money and time than they may think they can afford in assembling at least reasonably highfidelity home equipment and LP collections to relish coping with the undeniably more expensive and vexing demands of an entirely new - stereo -medium. Probably even more of them are not worrying overmuch about any ignorance of starkly primitive and forbiddingly exotic musical idioms. There's ample justification in either case (or both) simply to mutter "What's Hecuba to me or me to Hecuba!" - and go our familiar ways undisturbed by the full-dimensional sound of the future and the unresurrectionable sounds of the far past. Yet whether it's a question of newly revealed sonic potentialities or newly exhumed musical relics, the challenge to the contemporary listener is essentially the same as that which proves irresistible to the mountain climber, explorer, scientist, or philosopher: the unconquered peak is there - and until one comes to some kind of terms with it, there's a sense of incompletion, of unsatisfaction, that simply will not let one rest. Fortunately, however, this itching unrest can be assuaged at least in part by that easiest of surrogates for more demanding action - reading.

#### Expansion of Experience: I

Whatever one's active personal involvement, the general subject of stereo sound now has become with flabbergasting suddenness of red-hot importance to every audiophile. For not only has the stereo-tape repertory miraculously come of age during the last few months, but at last a practicable stereo LP disc has been proved to be a laboratory reality sure to become a commercial reality within the next year or so. And meanwhile stereo is imperiously dominating the thoughts of audiophiles on every level.

Innumerable articles have been and are soon to be published in general as well as specialized periodicals, so that the release of the first book completely devoted to stereo is less surprising than the fact it hasn't appeared sooner. But the nature of the book itself is almost wholly unexpected. It is a "quickie," certainly, yet one written - if perhaps not planned - with scrupulous care . . . the author is no hastily briefed hack, but one of our most gifted technical writers (whose Understanding Hi-Fi Circuits was admitingly reviewed in this column just two months ago) . . . and, most surprisingly of all, he is not an ecstatic stereo fanatic, but a remarkably articulate and objective analyst of the inadequacies as well as the powers of the new medium.

Crowhurst realizes that miraculous as stereo-sound reproduction may seem to the uninitiated, it is not exempt from the normal laws of acoustics and electronics, and that it can be properly understood only in terms of the basic principles of auditory perception and electro-acoustical techniques. Accordingly he begins his book with two substantial chapters on "Binaural Listening" (the kind all of us with two good ears have always practiced where "live" sound is concerned) and "Stereophonic Listening" (that now made possible by the current techniques in "dimensional" recording). And it is these two chapters which alone make this book invaluable to every listener, quite regardless of his immediate stereo interests, as one of the most lucidly expressed, most illuminatingly illustrated contributions to the understanding of how and what we hear, of where and how reproduced sound differs from the "real thing."

Next come chapters on the various possible types of "Stereophonic Sys-tems in the Home" and the appropriate "Recording Procedure" for each, both of which are packed with extremely useful and provocative information, if rather disconcertingly detached from laymen's most practicable concerns. For, curiously, the most familiar two-channel system (the only one commercially utilized at present in this country) is given no more stress than a variety of others, largely of academic interest only to the American stereophile. The final chapter on "Stereophonic Systems for Movie Theaters and Auditoriums" is also of less immediate interest and pertinence (for the home listener at least). More perplexingly, the penultimate chapter too, "Loudspeakers for Stereophonics,' is less practicable than the potential stereo-system purchaser would wish, and moreover so dogmatic in its highly controversial theoretical views as to be a source of serious confusion to the bewildered stereo neophyte.

Continued on page 38



#### SPEAKER COMPONENTS

designed for the most natural ... most faithful sound reproduction ALTEC LANSING speaker components exemplify the ALTEC tradition to give the most faithful reproduction of sound obtainable through the most natural means.

ALL of these ALTEC high frequency horns are of the sec-toral, exponential type which provides a clear, mathematically calculated flow path to direct the sound waves into the proper distribution pattern without interfering with their natural propagation in the air. These sectoral horns provide efficient distribution control at all frequencies, unlike diffu-ence of these which have under distributions at the sion and other types which have wide distribution at the lower frequencies and become extremely directional and Inefficient in the higher ranges.

These sectoral horns and their associated driving elements represent the only true method for obtaining high efficiency, full dynamic range, smooth frequency response and wide, regular distribution of high frequency sounds.

Have the pleasure of listening to a two-way speaker system of ALTEC LANSING speaker components at your dealer's. If your car is in tune, you'll take ALTEC home.

PRICE: \$27.00

HORN

system.

811B

3000B

#### 511B HORN

This new ALTEC high frequency horn is This new ALTEC high frequency horn is the finest available for home use. When used with the ALTEC 802D high frequency driver the 511B gives amazingly smooth response throughout the range from 500 to 22,000 cycles, one-hall octave above the range of the human ear. The ALTEC 803 bass speaker, either singled or paired, is recommended as a bass component for use with this horn. The 500D dividing network is needed to complete this system.



HIGH FREQUENCY DRIVER

#### 802D

HIGH FREQUENCY SPEAKER AND NETWORK This newly developed high frequency speaker

This superb ALTEC horn is identical in design concept and quality with the 511B but is smaller and has a frequency range from 800 to 22,000 cycles. The 811B with the 802D driver can be used with the ALTEC 803A bass speaker or with the 415A Billex to extend this wide range speaker to a full 22,000 cycle

Designed specifically for use with the 511B and 811B horns for smooth 500 to 22,000 cycle high frequency reproduction.

Power: 30 watts; Range: 500-22,000 cycles; Impedance: 16 ohms; Magnet Weight: 1.3 lbs

PRICE: \$57.00



and horn used with the 3000B network is the ideal unit to extend the range of the ALTEC 412A and 415A Biflexes or of any efficient 12° or 15° cone speaker to a full 22,000 cycles. The dividing network separates high and low frequencies at 3000 cycles, crossing over at

a smooth 12 db per octave curve. Speaker-Power: 20 watts; Impedance: 8 ohms; Range: 3,000-22,000 cycles

PRICE: \$39.00

Network-Impedance: 8 ohms: HF Attenuar flon: 10 db continuously variable; Crossover: 3000 cycles

802D high frequency driver and either the 511B or 811B horn its efficient frequency range is limited to 30–1600 cycles. This 1600

cycle upper range assures a smooth cross-over at any frequency up to 800 cycles. As a

result the 803A has a bass performance far superior to that of loudspeakers designed to

operate over a wider frequency spectrum. Power: 30 watts; Impedance: 16 ohms; Range: 30-1600 cycles; Magnet Weight;

#### PRICE: \$21.00

#### 803A BASS SPEAKER The 803A is used as the bass component In many of ALTEC's larger theatre speaker systems. Since it is intended for use with the

For use with the 802D h.f. driver and 511B horn. Has smooth 12 db per octave slope and detented high frequency shelving control de-signed for external mounting with 4 steps of decibels each for precise adjustment to Individual rooms.

Impedance: 16 ohms; HF attenuation: 6 db, 1% db steps; Crossover: 500 cycles

#### PRICE: \$54.00

BOOE

DIVIDING

NETWORK

500D

DIVIDING

NETWORK

Has the same characteristics as the 500D but with 800 cycle crossover for use with the 811B horn and 802D h.f. driver.

Impedance: 16 ohms; HF Attenuation: 6 db, 1½ db steps; Crossover: 800 cycles

PRICE: \$42.00



ALTEC LANSING CORPORATION 1515 S. Manchester Avenue, Anaheim, Cailf, 161 Sixth Avenue, New York 13, N.Y. Write for free catalogue Dept. H12-B

DFCEMBER 1957

37

12-11



MIRACORD XA-100 is the 4 speed record changer that makes Hi-Fi easy

for everyone. It does everything automatically, at the push of a button...starts, stops, repeats, pauses, filters! It intermixes 10" and 12" records! It changes from automatic to manual in a moment. And it has the unique "free-wheeling" tone arm that can't jam! No other record-player has all these features! So get a MIRACORD XA-100, if you're assembling your own system... or having your \$6750 dealer hook-up a system for you!

... and for transcription quality in a 4-speed manual player...

MIRAPHON XM - 110A

> at only \$3750 complete with every feature to satisfy the most critical listener!

ask your dealer for a demonstration

FAR AREAD) THE FINEST BY FAR



### BOOKS IN REVIEW Continued from page 36

#### Stereo-Book Needs

The mere fact that some of Crowhurst's conclusions (on the capabilities of the various types of stereophony in general and on the functional capabilities of certain types of loudspeakers in particular) are in strong disagreement with the data gathered from both my own personal experience and that of many acquaintances and correspondents is not, of course, legitimate cause for dismissing or denigrating Crowhurst's opposing views. Such controversies will settle themselves in time (or remain forever insoluble) and meanwhile are more invigorating than inhibiting to stereo progress. But there does remain a legitimate grievance: where is the practical help we expect to find in choosing and setting up a normal two-channel system (the only one for which a wide repertory of recordings is available now, or likely to be in the near future), and where are encouraging suggestions for beginning or expanding a stereo-tape library, or even for the determination of the general types of music which benefit most by stereo reproduction?

I am also personally disturbed by the absence of any specific historical background materials, in particular detailed references to the prophetic and still classic Bell Laboratory studies and demonstrations . . . the omission of a badly needed bibliography of pertinent periodical articles . . . and above all the apparent (for it certainly is not real) lack of concern with the strictly aesthetic rewards of home stereo listening. Whatever the facts may be, these pages give the unmistakable impression that their author can have spent scant time in the relaxed, contemplative, responsive enjoyment of stereo-reproduced music in his own home. Objectivity and concern with technicalities are admirable up to a point, but only the writer who has subjectively discovered the profound joys - and occasional disappointments - of stereo listening can ever hope to infect his readers with a vital desire to share such pleasures and avoid (if he can) such pains in his own living room.

But this is a sour cadence to end an unfairly limited discussion of a book too valuable in many respects to be spoiled by any lack of plan, scope, practicability, or personal gusto. Stereophonic Sound most emphatically

1301

should be read just as it stands now, if only for its opening chapters and the comparable flashes of illumination in its later pages. Nevertheless, I earnestly hope that Crowhurst will lose no time in preparing a revised and greatly expanded version of what is sure to tower head and shoulders above most of the flood of stereo books likely to appear in the next year or so.

#### Expansion of Experience: II

Any adventure in new dimensions of either experience or abstract knowledge has much of the terrors and difficulties of readjustment as those facing the not-too-distant human explorers of outer space. Certainly most discophiles may consider Lunar craters or Martian sands scarcely bleaker or more alien than the music of prehistoric mankind, that of pre-Christian civilizations, or even that of Oriental peoples today. Yet, whatever the first visitors to the moon or our neighboring planets may discover, it has been proved that most tonal adventurers who have been able to overcome their innate aural prejudices to make a close study of primitive, early, and oriental musics have found revelations of unsuspected fascination - if not what they have been accustomed to consider as "beauty."

It is unfortunate, for anyone unable to get much out of notated examples, that the present first volume of the New Oxford History of Music is not simultaneously accompanied by the American release (by RCA Victor) of its sonic illustrations in Vol. 1 of The History of Music in Sound. Several later albums already are available, including that (LM 6015) for Vol. 2 of the book series - Early Medieval Music Up to 1300, edited by Dom Anselm Hughes - which was published, out of order, in 1954; and undoubtedly Vol. I of the discs will be along shortly. In the meantime, there is so much in the present book demanding unhurried study and digestion that any prospective investor in both series will find more than plenty to keep his mind, if not his ears, busy.

Ancient and Oriental Music, like most modern summaries of esoteric knowledge, is so large in scope and covers highly specialized fields in such detail that its publishers have not dared to entrust it to a single authority, but have assembled instead, under the general direction of Wellesz, a whole array of musical scholars: Marius Schneider

Continued on page 41

# MIRATWIN

world famous quality cartridge brings out

# THE BEST IN ANY HI-FI SYSTEM!

ale s e s stere siste o a élais, e siste sere a siste e a siste eserette sa a signessere a a a aja

mst-1 single with diamond stylus for LP or standard diamond stylus Formerly \$34.50 NOW \$26.50

#### MIRATWIN

MIRATWIN

mst-2 turnover

with sapphire stylus for standard and diamond stylus for microgroove Formerly \$45:00 NOW \$31.50

NOW AT NEW LOW PRICES! NOW AT NEW LOW PRICES! If you have a hi-fidelity system, bring out its finest tonal values with MIRATWIN. Because MIRATWIN is as smooth and sensitive a cartridge as man can make ... faithfully transmits the *complete* recorded sound! Acclaimed by audio engineers and music appreciation enthusiasts alike, MIRATWIN fits all standard tone arms, has instant stylus replacement. Enjoy it in your hi-fidelity system for the *best* in recorded music! Recommended tracking force when used in separate tone arms 4 to 8 grams; in record changers 6 to 8 grams. Ask your dealer to give you an A-B Test today.

MIRATWIN	CARTRIDGES
----------	------------

MILLING CALLERINGE	-
MS'T-1D Single Diamond	\$26.50
MST-1S Single Sapphire	10.00
MST-2D Dual-1 Sapph., 1 Diam	31.50
MST-2A Dual Sapphire	15.00

AUDIOGERSH CORP. 514 Broadway, New York 12, N.Y.

IN CANADA: Atlas Radio Corp., Ltd., Toronto

FAR ANEAD ) THE FINEST BY FAR

WORTH 6-0800

DM-2 Micro-Diamond \_\_\_\_\_ \$16.50 DN-2 Standard Diamond \_\_\_\_ 16.50

SM-2 Micro-Sapphire \_\_\_\_\_ 5.00 SN-2 Standard Sapphire \_\_\_\_\_ 3.00

REPLACEMENT STYLI





Biflex loudspeakers are the result of the practical application of a new principle in loudspeaker design developed by ALTEC. The speakers have an efficient frequency range far greater than any other type of single voice-coil speaker and equal to or exceeding the majority of two or three-way units. This truly amazing frequency range which is guaranteed when the speaker is properly baffled, is the result of the ALTEC developed viscous damped concentric mid-cone compliance.

This unusual compliance serves as a mechanical crossover, providing the single voice-coil with the entire cone area for the propagation of the lower frequencies and reducing the area and mass for the more efficient reproduction of the higher ranges. Below 1,000 cycles per second the inherent stiffness of the Biflex compliance is such that it effectively couples the inner and outer sections of the cone into a single integral unit. The stiffness of the compliance is balanced to the mechanical resistance and inertia of the peripheral cone section so that the mass of this outer section effectively prevents the transmission of sounds above 1,000 cycles beyond the mid-compliance and the cone uncouples at this point permitting the inner section to operate independently for the reproduction of tones above 1,000 cycles. Proper phasing between the two sections is assured by the controlled mechanical resistance provided by the viscous damping applied to the mid-compliance.

In each of the three Biflex speakers this outstanding cone development is driven by an edge-wound aluminum ribbon voice-coil operating in an extremely deep gap of regular flux density provided by an Alnico V magnetic circuit shaped for maximum efficiency.

Biflex speakers are perhaps the only true high fidelity single voice-coil speakers made, and can be considered to fill the complete speaker necessity for any system or as the bass speaker component for more comprehensive systems intended to cover the entire audio spectrum. Ask to hear these outstanding speakers at your dealer's.

Write for free catalogue



ALTEC LANSING CORPORATION, Dept. H12-A 1515 So. Manchester Avenue, Anaheim, Calif. 161 Sixth Avenue, New York 13, N. Y.

TUNERS, PREAMPLIFIERS, AMPLIFIERS, SPEAKERS, SPEAKER SYSTEMS, ENCLOSURES

#### BOOKS IN REVIEW

#### Continued from page 39

for Primitive Music, Laurence Picken for the Music of Far Eastern Asia, Arnold Bake for the Music of India, Carl K. Kraeling and Lucetto Mowry for Music in the Bible, Eric Werner for the Music of Post-Biblical Judaism, Isobel Henderson for Ancient Greek Music, the Rev. J. E. Scott for Roman Music, and Henry George Farmer for the musics of Ancient Mesopotamia, Ancient Egypt, and Islam.

Such co-operacive authorship has great advantages, especially when the individuals are as well chosen and exert themselves as ably as the present writers. But there is an inevitable "catch": partly a disconcerting diversity of styles and treatment, more notably the lack of a unifying personality, which no editor can impose from above. There is also, here, the disadvantage of selecting noted specialists rather than those distinguished for writing ability, which results in perhaps more sectarian squabbling than is really necessary and certainly in an imbalance between the authors' skills in organizing materials and in communicating their own enthusiasm for these materials to laymen.

In short, then, this isn't an easy book to read; indeed it probably isn't a book to be read at all, but one to serve as an immensely convenient and authoritative reference source. For the general musical reader anxious to venture for the first time into these remote but fabulous domains, I should recommend the best one-man book I know on the allied subjects - Curt Sachs's The Rise of Music in the Ancient World: East and West (Norton, 1943); and, in the more restricted field of primitive music only, Bruno Nettl's Music in Primitive Culture (Harvard), which I saluted in this column last May as a superb layman's introduction to ethnomusicology.

Yet for anyone who can afford both the cost of the Oxford book and the effort it demands for useful comprehension, Ancient and Oriental Music with its handsome format, 15 plates, 322 musical examples, and 25-page bibliography is an investment he will never regret. Fair warning: there are many more things in music, as well as in heaven and earth, Horatio, than are dreamt of in your present philosophy! Recordings already have opened up several rich worlds to us, but there remains an infinity of others. R.D.D.



Garrard models change. Garrard ideals do <u>not</u>. <u>Meaningful</u> new feature's are added. Time-proven features are <u>carefully</u> retained. Gadgets, for the sake of gadgetry, are sternly <u>rejected</u>. The all-important fact to remember is that <u>thirty-five</u> years of experience in designing, testing, and building fine gecord players, guide us in offering you'the present Gazrard models.



There's a Garrard for every high fidelity system

Modal T Mark II 4-SPEED-MANUAL PLAYER A-superior unit for quality Dudget systems, \$32,50

Model RC88 4-SPEED DELUXE AUTO-MANUAL CHANGER Exclusive pusher platform protects your records. \$54,50

Model RC121 4-SPEED MIXER AUTO-MANUAL CHANGER fine performance with economy and compactness, \$42.50



# Thoughts on the Second Channel

SOMETHING NEW and important is with us now, and those of us who are long-term listeners would be less than frank if we did not admit that it is something nearly as infuriating as it is promising. I have reference, of course, to stereo.

At the autumn audio-equipment shows in the major cities, every exhibitor who could possibly do so was demonstrating his wares as media for stereophonic listening, with paired amplifiers and loudspeakers forwarding through two channels a reproduction of sound recorded dually by spaced microphones. Nearly every major record company had come forth with stereophonic tapes (the outstanding exception was London, which instead was spiriting publicists away, none too stealthily, to hear samplings of its stereophonic discs.) The bad listening conditions, standard at audio conventions, merely helped to point up the advantages of stereo sound reproduction. Even in the miserably undersized demonstration rooms, rocked with tumult from neighboring exhibits, there would come forth occasionally a strain of music undeniably attired in three-dimensionality -spatially convincing, with the violins over yonder, and the percussion back where it belonged, and the trumpets sounding from upstage right.

Stereo can do this. Even bad stereo can, and it is this that compounds the annoyance of the veteran fidelitarian with the whole development. The stereo rigs at the audio shows (because of restrictions on what can be exhibited there) at least embodied components legitimately describable as high fidelity. Out elsewhere in the towns, at appliance and music stores, selling like hot cakes, were (and are) packaged stereo players with no pretense to the title high fidelity at all. Some of these cost as little as \$150. But, though their sound is drenched with distortion of all kinds, it does have something that even the best singlechannel reproduction has not. And the newcomer to home listening will have this for \$150. Probably he will have it before the faithful and fastidious fancier of good sound will. The latter already owns a good single channel set, true within a decibel or so from 20 to 20,000 cycles. His second channel must be of kindred quality, must it not? So to make the conversion he is going to have to pay again at least 60% of the amount he already has spent. It may take him a little time.

In some instances, too, he may have the discouraging feeling that he has been through all this before — when LP came on the scene ten years ago, rendering obsolete all his 78-rpm discs and the changer he had bought to play them. Well may he fume. (Though probably he should not feel too grim about the delay imposed by his bank book. The decision as to whether he should prepare for tapestereo or disc-stereo cannot be made now anyway: the commercial stereo disc and its associated pickup cartridge are not yet with us for evaluation.)

Fume or not, though, the only practical thing to do about progress is to join it. And I am sure stereo is progress. Indeed, it may be needed corrective progress. There have been in high fidelity some rather disquieting "new directions" in the past few years, mostly in the overadaptation of music for living-room listening. With the realization that concert-hall music could not be brought with pure realism into living rooms, there were attempts to alter it for maximum phonographic effect. Both soundequipment makers (and experimenters) and record manufacturers entered into these attempts. The latter yield the most easily recognizable examples. Consider, for insrance, RCA Victor's Toscanini Till Eulenspiegel, or Westminster's Scherchen Military Symphony. Neither of these sounds anything like an orchestra as heard from an average seat in a concert hall, and it is fair to assume that they weren't intended to. For home listening, given the restrictions of single-channel reproduction, they sound better.

That kind of development, I think, can be dangerous. Not that it is necessarily bad: sometimes it seems almost as if Beethoven, writing the late quarters, had the phonograph in mind; it emphasizes the unity of his musical ideas and filters out the distractions, but the Bartók Percussion Sonata, as a contrasting example, was written to be heard in breadth. So was *Harold in Italy*. Coming from a point source, they lose something. And altering their dynamics in an attempt to compensate for this loss can involve a sort of distortion engineers never talk about: the distortion of a musical intention.

Heretofore the musically oriented critics of high fidelity have aimed their remonstrances on the need for us to hear more live music. This is desirable, of course, but it isn't always practical, nor would it be infallibly effective. Too many of us got our musical conditioning from the phonograph. An infrequent live concert would not recondition us. And this applies even more directly to the folk just now being introduced to music by virtue of its being something which may be enjoyed in a suburban living room. If it is desirable to plant and keep in our minds a clear conception of how music sounds when performed as its composers expected it to be performed, then stereo is desirable too. Its only undesirable concomitant, as I see it, is the silly theory that two-channel sound need not be high in fidelity. Who wants his living room transmuted into a bad concert hall? J.M.C.

## these men shape your listening



### by Hollis Alpert

"THERE ARE SO incredibly many people in the world, and there are still so few who own Beethoven's Fifth Symphony," said the head of artists and repertoire for a large record company. "Twenty-six versions are still not enough." And, shortly after making this pronouncement, he bent his head to the task of planning next year's repertoire list, earmarking the venerable symphony for another recorded performance, although four versions already exist on that label. The classical a & r man in a recording organization (a & r is accepted trade terminology for the department that handles musical artists and chooses the works they record) is shouldered with several important duties, among them the difficult one of equating artistic responsibility with sales potential. His is the classic dilemma of most of our cultural middlemen-who might be said to range from museum directors all the way to Mike Todd-whether to give the public what it seems to want, or to make the public like what they have to give. Since the a & r man usually does something of both, and since he works in an area where taste, good, bad, and indifferent, is a continuing factor, we may include him in that influential inner group of our society that Russell Lynes has termed "the tastemakers."

To quote Mr. Lynes: "It is in the nature of our economic system not merely to meet demand, but to create it. One of the ways that demand is created is by changing people's tastes, or at least inviting them to change...."

### The Classical Artists-and-Repertoire direction is always

suspended between aesthetics and the profit motive.

While the a & r man was once defined as "a fellow with a taxi meter in his head who can read music," he also is someone constantly engaged in the meeting and creating of musical demand. When he records another Beethoven Fifth, yet another Nuicracker Suite, and still another Scheherazade, he feels he is not only meeting public demand, but creating a hunger for something else, and thereby a new taste. The record-buying public, no one needs to be told, is constantly growing (the yield for 1957 is expected to be a quarter of a billion dollars, with a heavy proportion laid out for classical recordings) and it is an accepted theory in the business that the newer audience turns the corner on Nutcrackers and Scheherazades, somerimes towards the more esoteric classical items in today's luxuriant record catalogues.

"I feel I know everything there is to know about the Nutcracker Suite," says David Oppenheim, head of a & r for Columbia records. "But I know there is a demand for new versions, and for all the others the best, the worst, the longest, the shortest, the most shocking."

"Why another Scheherazade?" asks Kurt List, who performs the same function for Westminster. "One of my loyalties belongs to the art of music and the other to the stockholder. This is not always a contradiction. To me it is interesting, for example, to find out how the Russians perform Rimsky-Korsakov. I no longer think of the phonograph record as a permanent document — not at today's prices."

And listen to Walter Legge, an a & r man for EMI, the English firm that records on the Angel label, among others. "You must realize that everything we do is done with one eye on the balance sheet, and the other on our consciences."

Does one detect in these statements a longing for fresher fields and greener hills? The a & r man, because of the very nature of his functions, is a man of developed tastes. He probably prefers Bach, Vivaldi, and Scarlatti to Mantovani, Kostelanetz, and Melachrino, yet he must put the same energies into the recording of all. This is his peculiar crucifixion. On another cross, some distance off, you may spot the motion-picture producer who must star Jayne Mansfield instead of Julie Harris in his movie. Also in Gethsemane is the sensitive vice-president in charge of TV programing who schedules Elvis Presley instead of a reading of Eliot's Four Quartets. Yet the a & r man has it easier than most. In his profession the range between the honorable and the meretricious is neither so great nor so serious. If he cuts several masterpieces into slices for a record called "The Soul of the Symphony," he can also resurrect from obscurity a lovely old Requiem Mass, or put on record the first performance anywhere of a talented new composer. Like the man who occasionally beats his wife, he makes up for it with outbursts of affection and beautiful gifts.

THERE IS NO a & r man so omnipotent as to control the entire recorded output of a company. Final decisions (on repertoire, on the signing of an artist) are usually made in committee. He owes his job to both his musical and his commercial senses. Sometimes he is more of a producer, overseeing the production of a recorded work from the first garnering of forces to its performance in studio. For some a & r men, the administrative function is the primary one among their responsibilities.

Alan Kayes, who manages classical a & r for RCA

Left to right: RCA Victor's Alan Kayes, Columbia's David Oppenheim, Westminster's Kurt List, M-G-M's Edward Cole: "A clinker can be there for a long, long time."



Victor, is more likely to be found in his office than in the studio. In the Victor setup strictly musical matters are in the hands of musical directors (Richard Mohr and Jack Pfeiffer), and Kayes regards his main sphere as the developing of plans, shaping of repertoire, arranging contracts — a delicate job, when one considers the stature of contract artists such as Heiferz, Rubinstein, and Horowitz — and co-ordinating his department with the promotion and sales departments.

The policy he implements was laid down by George Marek, general manager of RCA's record operations. "Whether we like the condition or not," Marek once said, "here it is: about six-hundred pieces of repertoire account for about eighty-five percent of the sales in our catalogue. Isn't it sounder to make sure that the six-hundred pieces are available to the public in the best possible recordings?" If more of the public were to be converted to playing records, such conversions, Marek said, would have to come through the popular compositions. Some in the industry call this policy "the safe six hundred and a few others." Only the smaller record companies can afford to ignore it, and sometimes, though they ignore it, they can't afford it. Witness the demise, now and then, of a small and struggling company.

Kayes, like most a & r men, will speak of business before he will speak of art. "Our company is geared to the mass distribution concept," he said. "The repertoire is designed to feed the retail structure, and a dealer in records is no different than a dealer in shirts and shoes. We must anticipate turnover — as soon as the material is frozen it is bad business.

"Nevertheless," he went on, "the element of artistic conscience enters. While we can seldom indulge our own whims, we on occasion do something simply because we want to do it — Menotti's *The Saint of Bleecker Street*, for example, and the Gluck Orfeo we recently recorded in Rome. The sales possibilities, strictly speaking, do not justify recording them. Although now and then we are surprised by public response to an off-beat item."

Kayes came to Victor through promotional stints with the Metropolitan Opera and Constance Hope Associates. He was first put in charge of record publicity, eventually was made commercial manager of the Red Seal Division, and was moved in 1950 to the spot he now occupies, after Marek achieved the eminence of an RCA Victor vicepresidency. His musical background, although he plays the piano, is closer to the hobbyist than the professional, and his tastes run to the Beethoven symphonies, and to such operas as *Don Giovanni* and *Boris*.

"Repertoire problems at Victor are not unlike a game of chess," he said. "We have certain artists, who have certain commitments. We can't move one way until an opposing pawn, let us say, is removed. One of our problems is the tendency that exists to type some of our big artists. We try to break down this specializing tendency wherever possible. Monteux, for instance, has been known for his French repertoire. It took some doing finally to join Monteux and the Boston Symphony for the Tchaikovsky Fifth. Standard repertoire? Yes, but at the same time we place an artist in a new perspective." As a footnote, we might add that the Monteux recording referred to is now past the fifty thousand mark in sales.

Kayes is not opposed to the enlargement of repertoire, especially when economically feasible, and regards technology as the greatest taste shaper of them all. The wide acceptance of the Russians he attributes as much to their dynamics as their musical qualities. Similarly Berlioz and Richard Strauss. He shares the conviction of Marek that widespread acceptance of serious music is good, and any device that helps promote public acceptance of serious works is legitimate. Thus he is all for high-fidelity fans demonstrating sets with Berlioz to their hearts' content.

OF THE CLASSICAL record pie, Victor and Columbia share between them approximately half. But Columbia has ranged further afield than Victor in matters of repertoire, and as Goddard Lieberson, the head of the company, once put it, "attempts to be Doubleday and New Directions at the same time." The company's LP catalogue now lists 4,000 items. The man presently behind that catalogue is David Oppenheim, a clarinetist turned musical director for Columbia, and in 1952 elevated to the a & r position -which, incidentally, was once occupied by Lieberson himself. Oppenheim, like Lieberson, has a fondness for breaking new ground. He supervised the first recording of Wozzeck, currently has Stravinsky conducting his own Agon. He follows in the footsteps of the man many regard as one of the great originators of the industry. "Public taste," according to Lieberson, "must not be taken as the final objective, but rather as the starting point for creative development. Only in this fashion can a company create ideas for which at first there is no public demand." Lieberson began the American Composer Series, which still appears at the rate of six records a year. He brought new excitement into Broadway show albums, sponsored the Casals festival recordings, and even got onto record the voices of Edith Sirwell, Somerset Maugham, and Truman Capote.

Oppenheim, though concerned by the exigencies of the business with standard repertoire, has the same enterprising attitude towards new music. He sees in the LP record an opportunity to survey a whole form, or a body of work. "The public can almost be counted upon to show interest - perhaps there is something psychological in liking to have a complete set of something." Columbia recently released Anton von Webern's complete body of work, recorded in chronological order. "Four LPs conrained an important composer's entire output," Oppenheim said. "The records even contained music unavailable to performers. We recorded it directly from manuscript." Robert Craft, a Webern enthusiast, came to Columbia with the idea of doing a record. "Looking over the possibilities," Oppenheim said, "it struck us that conceivably we could do it all. The purpose was noncommercial, yet this utterly esoteric music continues to sell to the extent that the company cannot lose money on it."

Two years ago, Oppenheim spotted a virtually unknown pianist and recorded him in the Bach Goldberg Variations. The record by the young pianist, Glenn Gould, sold like a Beethoven symphony. "We sparked Gould's whole career," said Oppenheim Continued on page 153 **New Directions** 

in High Fidelity



by ROY F. ALLISON

FIVE YEARS AGO this magazine was halfway through its second year of publication. When we had time then to think of anything but the immediate problems of the next issue, we found that our rapid rate of growth, paralleling that of the high-fidelity industry itself, surprised us as much as anyone. It does still; and we haven't any reason to believe that the expansion will not continue.

It is pleasant to recall the atmosphere of the first years after the turn of the decade: the delight that all of us, already infected with the hi-fi virus, felt when the first real surge of national interest occurred; the complacency we shared in the perfection of fine equipment as it existed then. In years since, high fidelity has matured from the hobby of engineers and amateur technicians to something altogether different. It is now primarily a tool with which everyone, technically inclined or not, can satisfy a previously dormant craving for music reproduced as a credible facsimile of the real thing.

The requirements of these two groups, old and new, are evidently not the same in all respects. Most of the changes in hi-fi equipment made







during the intervening years have been small ones, insignificant in themselves, but they have been made steadily: their cumulative effect has been great. If you doubt this, compare typical 1952 equipment with that of 1957, as I did recently. It provides a sense of perspective that will be helpful in determining which way we have come and where we may be in 1962.

LET'S LOOK at these changes from two interlocking angles — that of general design philosophy and, again, that of technical advancement.

The audio equipment of 1952 was designed by technicians for technicians. Competition among manufacturers then was only slightly less fierce than it is now, of course, and I don't mean to imply that there were fewer corners cut here and there, or that compromises were never made to meet a price. My point is that designers (consciously ot not) wanted to impress gadgeteers with the "professional" appearance of their products. Complexity was not merely condoned; in many cases it was increased needlessly. If any thought at all was given to appearance and aestheric design, it was amateur thought. Most equipment of five years ago looked far better if it were left strictly functional and no attempts were made to dress it up.

There were a few exceptions. Even then one or two manufacturers made hi-fi products that showed good exterior design and were simple to operate. But as a rule, the wife of a new convert would let him bring his expensive shiny-bright equipment into the living room only if it were concealed deep within a custom-made cabinet also expensive. And usually the poor fellow had to hire someone to make up cables, solder terminating resistors, and connect his components for him. In the face of such obstacles we may wonder that so many persevered.

What a different approach is used today! Now there is as much emphasis on simplicity of operation and interconnection, and exterior beauty, as on interior design. If the results have been gaudy occasionally, or if performance has been sacrificed to a modern-design concept in a few isolated cases, these are unfortunate exceptions to the rule. The tubes, transformers, and miscellaneous hardware of amplifiers and tuners have disappeared inside compact, well-proportioned cases. The cases themselves are either strikingly modern in metal and plastic or of traditional well-finished wood. Bar-style or pointer knobs have disappeared, to be replaced by decorative varihued knobs and tastefully styled panels. Sincere (and often successful) attempts have been made to simplify the controls by combining functions or by indicating "normal" positions on most of them, and by labeling them clearly. Preamp-control units have been treated in the same way -with a great deal of benefit.

Most manufacturers of such electronic components have now styled them to match one another; often they are identical in size too. If you stick to one line, you can get a tuner with a twin control amplifier, or a tuner, preamp-control unit, and power amplifier that mate perfectly. Turntables, turntable bases, and pickup arms are no longer the drab workhorses they used to be, either. Many of these sleek new units are triumphs of clean, simple design, and at the same time are much more functional than the 1952 models.

Perhaps less universal improvements in appearance have been made for loudspeaker enclosures, but many of the big boxes have been redesigned with heartening results. There are several medium-size speaker systems on the market that are in excellent taste. Of these you may choose modern, traditional, or period materials and styling. And the new high-quality miniature speaker systems, aside from their acoustic merit, arc certainly more adaptable as furniture than the monsters of years ago.

One consequence of all these changes is that no one needs equipment cabinets or other methods of concealment for his hi-fi today. The components look well on tables or on open bookshelves, and a speaker system no longer need appear like anything but good furniture. With more versatile input facilities, ready-made connecting cables, clear instructions, and simplified controls, there is no question of hi-fi system installation: anyone who can operate an automatic dishwasher, for example, can plug together and use high-fidelity components. It is fair to say that true high fidelity is now ready for a true mass market.

Yet the legend persists of hi-fi's complexities; and its formerly well-deserved reputation as a gadgeteer's hobby may eventually limit its acceptance in some degree. This has produced a pair of odd trends. Now simply small branches off the main stream, one or the other may well develop into the major current. First, there is the trend toward integration of components: pickup and arm assemblies, turntable and arm assemblies, combinations of tuner, preamp-control unit, and amplifier on one chassis, and so on. There are at least two power-amplifier-andspeaker assemblies available as this is written.

Admittedly, some of these combinations are based more on technical advantages than on marketing data. On the other hand, some have practical technical disadvantages. The fact remains that more and more of them are being made. I doubt that this will go much further with inputdevice components than it has now, but the possibility should not be overlooked. And to me, the combination of power amplifiers and speaker systems is a logical one, attractive from the points of view of both convenience and technical good sense.

The other important deviation from former industry

practice is represented in complete systems, packaged in elaborate, hand-finished, expensive cabinets. There is no reason why a package system cannot be a very good onc; it all depends on what is in the package. But if the cabinet is good also, then the system must cost considerably more than the working parts alone. The new package systems do. There are also distribution problems substantially more severe than for components only. Still, several of the best-known hi-fi equipment manufacturers have brought out package systems for the first time during the past year or so. It seems probable, however, that these will enjoy only a limited popularity, since they cannot possibly compete on a price basis with either component hi-fi or pseudo hi-fi package systems.

NOW, how much have we advanced rechnologically since 1952? So far as would have seemed incredible then. Perhaps the most logical place to begin on this subject would be with tape recorders.

Magnetic tape as a recording and reproducing medium was, practically speaking, only a few years old in 1952. Although there were some professional machines that were quite good even by today's standards, recorders within the means of the average person were unreliable and poor in performance. Since then recorder manufacturers have gained another five years of experience in making tape transport machinery and have pretty well exterminated electrical circuit bugs. Good narrow-gap playback heads are available and are no longer expensive. Result: we now have moderately priced machines that give excellent performance at 71/2-ips speed. I am fairly sure that not very long from now - certainly by 1962 - we shall be getting as good sound from even less expensive machines running at 33/4 ips. Since prices of both raw and recorded tape will drop also (they have already begun to do so), we shall have then a most interesting situation: tape will be competing with discs on the basis of price as well as quality and longevity.

To play recorded tapes there now are machines with playback functions only. This is a trend that will undoubtedly continue to gain momentum. Eventually, such machines should account for most of those sold for use in the home.

Tape is closely identified with stereo, and at the moment stereo is experiencing a sudden burst of popularity. Recorded stereo tapes are selling many times faster than monaural tapes. Tape machines with stereo playback facilities are being produced at a rate two to three times that of single-channel models. I have heard that stereo is only a fad, but I find this difficult to believe. At least two systems of single-groove disc stereo are in late stages of development; if either or both are put into commercial use, stereo should receive another tremendous boost. Because a disc record still could be priced far below a stereo tape for equivalent playing times, stereo discs could give stereo tapes rather a difficult time, even if their quality were not equivalent. This would continue to be so after stereo tapes recorded at 3<sup>3</sup>/<sub>4</sub> ips become available. I am convinced that stereo — whether on tape, disc, or both — is here to stay. Many others hold the same opinion, to judge by the number of components designed to accommodate stereo being prepared in manufacturer's laboratories. There will even be stereo speaker systems from some of the larger companies.

It is difficult to draw a line between new methods of exploiting old techniques and radically new developments in loudspeaker systems, but I will risk a charge of arbitrariness by citing three of the latter produced commercially during the past five years. First, the acoustic suspension principle, by means of which linear deep-bass response was obtained (with a decrease in average acoustic efficiency) from a very small system for the first time. Second, the push-pull electrostatic speaker for the middle and high-frequency ranges. Third, the ionized-air tweeter. During the same period remarkable improvements in dynamic loudspeakers (and in enclosures for them) also have been made. Loudspeakers are still capable of much further development, however, and I expect that what we now have will appear primitive in 1962. In addition to further refinements in dynamic units, such as increased use of voice-coil feedback, we almost certainly shall have fullrange electrostatics of moderate size, and possibly another massless transducer operating at much lower frequencies than the present ionized-air unit.

Tuners have in general become far more sensitive, easier to operate, and better able to reject interference than they were five years ago. There is still room for improvement here too, and it will come. Perhaps we shall have more than just a promise of FM multiplex stereo, and will actually get some use from those ubiquitous jacks marked "Mult Output" or something similar.

Preamp-control units, which are now quieter, far more distortion free, and actually better equipped to handle their nerve-center functions than they were in 1952, will probably go in two directions: they will be combined with tuners or power amplifiers in the simpler systems; they'll become still more versatile and more slanted toward tape reproduction, with more stereo control functions, in elaborate systems. Extensive use of transistors in tuners, tape playback amplifiers, and preamp-control units is inevitable.

Power amplifiers, of course, have become more powerful. They had to do so Continued on page 156



by Herbert Kupferberg

# the best records of 1957

Praise Him with the sound of the trumpet; Praise Him with the psaltery and harp. Praise Him with the timbrel and dance; Praise Him with stringed instruments and the organ. Praise Him with the loud cymbals; Praise Him with the bigh-sounding cymbals.

- PSALM 150.

Praise Him, in short, with music. Of course, you don't have to take the Psalmist's advice. For Christmas you can give elephant guns, or shoe trees, or anchor chains. But the wonderful thing about music — on records — is the variety it offers, from the Hammerklavier Sonata to Music for Moonlight Bathing. With records, you can personalize your gifts, whether they're for Grandma or the pretty girl down the street. At least that's the assumption the record companies go by. All through 1957, and particularly in its last months, they have been striving mightily to devise something for everybody in the hope of a green Christmas.

So the question now is not what are the year's "bests," but who gets what? True, in records as in food, one man's meat is another man's *poisson*. But no one quibbles on Christmas morn, and a record under the tree is worth two in the bush.

Start up your list with Grandma, who is an opera lover, with broad tastes in repertory and high standards in singing. Being an old Metropolitan subscriber, she won't tolerate anything later than Richard Strauss. It's just as well for her, for one of the most spectacular albums of the year is Angel's Der Rosenkavalier (35492/5), with

Here are some suggestions for folk who want to make this a musical yuletide. More specialized guidance for devotees of jazz and stereophony will be found in The Best of Jazz and The Tape Deck. Herbert von Karajan conducting and Elisabeth Schwarzkopf singing the most appealing recorded Marschallin since Lotre Lehmann's.

Since Grandma cherishes memories of Kirsten Flagstad's great days at the Met, she'll feel a little younger when she listens to Flagstad's fine recording of Gluck's Alceste (London A 4411), or to her uneven but still authentic Götterdämmerung (London A 4603). Flagstad, who is a grandma herself, has been a busy girl this year; among her other offerings are Grieg's Haugiussa song cycle (London LL 5290) and a Bach-Handel recital wherein she sings both the alto and soprano sections of "And he shall feed his flock" with breathtaking effect (London LL 5277).

How does Grandma stand on Maria Callas? That is an intriguing question, and the answer will determine how she responds to your proffer of Verdi's *11 Trovatore* (Angel 3554 5s/L) and/or *Masked Ball* (Angel 3557 C/L), to say nothing of the recently issued *La Sonnambula* (Angel 35535/7). Of these, the *Masked Ball* may be the safest, for its effectiveness stems from the all-around vigor of the performance led by Antonino Votro as much as from Callas' distinctively personal contributions.

Even Grandma probably won't admit to being old enough to have heard Toscanini conduct at the Metropolitan Opera, but that's no reason to deny her his recording of Verdi's Aida (RCA Victor LM 6132), which despite inferior vocalism remains the most vivid Aida on records by reason of its orchestral tautness and surge. Almost equally striking is Verdi and Toscanini, RCA Victor LM 6041, containing the fourth act of Rigoletto, the Hymn to the Nations, and several overtures. This was mostly recorded at Madison Square Garden during a wartime benefit, but Grandma was never one to worry about the height of the fidelity.

Let's next consider Sister Sue, who lives in the suburbs with three children, a dog, and a baby sitter (her husband, a commuter, is seldom home). Like Zuleika Dobson, Sue doesn't know much about music, but she knows what she likes. And what she likes most of all is to keep the phonograph going all day. It's for girls like Sue that automatic record changers are made. She asks of music that it be familian and assuaging which doesn't necessarily mean Mantovani. Give her Grieg's fee Gyna music, prayed with sumptuous sound by Sir Thomas beecham and the Royal Philharmonic (Angel 35445). If she absolutely insists on Tetraikovsky, make it the three-record set of the Fourth, Fifth, and Speh Symphonies by the Leningrad Philharmonic (Decca DXE 142).

Sister Sue's husband, Tom, is a hi-fi addier - when he's home. If headidn't have the mortgage to worsy about, he'd neglect the children and retize to tinker with what he likes to call his rig." Since-he is only an in-law and not altogether save, you may not wish to encourage this sort of thing. But Christmas, after all, is the season of forgiveness. Present him with the Capitol record called The Orchestra (SAL 8385), on which Leopold Stokowski not only floars happily in the hi-fi stratosphere on the wings of Dukas, Richard Strauss, Vaughan Williams, and others, but gives full musical value as well. Tom's hi-fi setup will also quiver with delight to Vaughan Williams' Symphony No. 4 played by Mitropoulos and the New York Philharmonic (Columbia ML 5158); or Ravel's Daphnis and Chloë with Dorati and the Minneapolis Symphony (Mercury 50048); or Stravinsky's Rite of Spring (RCA Victor LM 2085) and Péirouchka (RCA Victor LM 2113), both by Monteux and the Orchestre du Conservatoire de Paris. Continued on page 161 for christmas giving

# Television Opera Really Sends Italians—to Bed

#### by VINCENT SHEEAN

The trouble, the author finds, is not with Radio Italiana's excellently staged productions, but with qualities inherent in opera — duration and incomprehensibility. Further, the viewers may feel a little like captives.

THE SINGLE-CHANNEL government-operated television system of Italy, so new that it has covered the whole country for less than a year, gives more and better opera performances than any other in the world. In this season of 1957-1958 (that is, up to the summer months) it has scheduled one a month, with an extra at Christmas.

This you might expect, as you would also expect Germany and Austria to be next in line: these are the opera countries, and it is natural that they should take the lead.

What you do not wholly expect is the amount of antagonism, as well as support, which the program evokes. Opera was born in Italy, of course, and developed further in Germany, but in both countries an enormous public would rather have none of it. The merits of opera as entertainment are controversial everywhere. One Italian woman of my acquaintance says, "When there is an opera on the television everybody in the family goes to the cinema." In Italy as everywhere else, those who actively cannot endure listening or looking at an opera performance outnumber those who enjoy it. A middle area, a public which can take it or leave it, depending on how good it is, is hard to find in a country where there is no choice of program. The main peculiarity of this musical form seems to be that its own public is fanatically devoted, whereas another and more massive public is bored and angry after the first five minutes.

The Italian television authorities have had to pick their way carefully through the difficulties, and with precious little help from the experience of others. Most television programs in Italy have relied heavily upon what can be learned from the United States, but in this respect there is not much to learn: the Italians have gone ahead on their own. And in spite of every obstacle presented by conflicts of taste, as well as numerous technical difficulties, the Italian television system has given no fewer than thirtyfour evenings to what they call "serious opera" since April 23, 1954. (Not all of these are full-length, of course.) "Serious opera," or opera seria, has a new definition in radio and television. It means anything with a claim to serious attention as music, whether it is "grand" or "comic" or anything else. The expression opera seria used to mean only the tragic works, originally classic in form. For the purposes of radio and television it includes everything you can reasonably call opera, from Menotti's Medium to Verdi's Masked Ball, from the glittering comedy of Il Barbiere di Siviglia to Bellini's sad, sweet legend of the Sonnambula. In fact the first "serious opera" ever given on the television network in Italy was The Barber, which in its own day was defined not as seria but as buffa.

The decisions that had to be made before work began were in some ways more difficult and numerous than they could be in the United States. The Italian opera public may be outnumbered among relevision viewers, but it is still very large and includes thousands of persons wielding great influence. Furthermore, it is fanatical, vocal in the extreme, quick to protest, swift to anger. The RAI, Italy's parent radio system, had to decide, right at the start, that opera would be performed, when or if it could be performed, exactly as written - the outcry would be too great otherwise. That in itself invited trouble, since practically every opera ever written is too long for television. If ir cannot go on the screen until nine o'clock, it cannot get off the screen until midnight or afterwards, even with intermissions cut to a minimum, and the family, which is the television's unit of attention, rebels. That is probably why so many one-act operas have come into favor with the RAI administration.

We could debate the questions involved in this decision, but just for the moment it stands. I, for one, think the decision will some day be changed. An opera which lasts three hours, or sometimes four, is an unbearable strain on the attention of persons who have never heard an opera before, which is the case with many listeners in the Italian villages. If they could turn to some other program after awhile it might be different, but here there is no choice: they must listen to what the RAI gives them or go to bed. Clearly the RAI does its duty to Italian musical art (as well as forfending a rebellion on the part of opera enthusiasts) by giving every work uncut. Clearly, also, it is employing a form of force, to which persuasion is always preferable. For my own village, the one I know best, a single act of *Aidu* from the stage of the Scala on its opening night last November was tremendously effective, whereas there would not have been a listener left if they put on the whole opera. I have thought of alternatives to the present system — "scenes from" this or that opera; or a single act on Monday, the next on Tuesday, and so on — but for the present moment the rule demands all or nothing.

In these three years of producing opera in the studio everybody has been able to see, of course, how much better it is than when it is taken from an actual stage performance. Stage performances suffer from a static quality visually, and various interruptions or delays aurally, which make them cumbersome on a television screen. For one thing, every great Italian opera theater has a tradition of very long intermissions, which makes the television audience restive no matter what substitute material may be put into the empty spaces. And big scenes between two or three persons (which, I think, television does far better than live opera) are almost intolerable on the screen when they are taken straight from the stage. People who simply stand up and sing, or alternatively sit down and sing, have no dramatic validity when they are transferred to the magic box in the family sitting room.

Therefore, the amount of opera taken direct from the stage is very small on Italian television and is likely to become smaller. The thirty-four television productions I have mentioned have all been made in the studio, according to principles which have had to be discovered as the work progressed. A whole opera can hardly be taken from the stage, physically speaking, because the time at the disposal of the Scala in Milan (with tremendous intervals between acts) goes on for five hours and more, until the television audience has long since been in bed. The only things taken from the stage direct, nowadays, after a few unfortunate experiences, are short works: a one-act opera or a single act of a long opera, or, occasionally, a ballet. Tchaikovsky's Nuteracker Suite (with Margot Fonteyn), which went out on New Year's night of this year from the stage of the Scala, was by good judges considered better on relevision than in the theater.

As mentioned, a single act (the second, with the triumphal scene) of Aida from the Scala was effective last November, and in the spring of 1957 there was a charming small opera — Un Filosofo di campagna, by Goldoni, set to music by Baldassare Galuppi and modernized by Wolff-Ferrari — sent out from the bandbox stage of the Pergola in Florence. These are exceptions. By and large, when we say television opera we mean opera specifically produced for television purposes at Studio 3 in the big RAI building in Milan. That is where every production has been made, since, for obvious reasons (the availability of so many singers and musicians being the chief) Milan is the logical capital for opera.



The TV opera stage in Milan. A Masked Ball is about to begin.



Plenty of soldiers and cigarette girls enliven RAI's Carmen.



Anyone for a hanging? Action is free in Fanciulla del West.

DECEMBER 1957



A Masked Ball: singers are Marcella Pobbe, Nicola Filacuridi.

The productions in Studio 3 have been extremely effective on the whole, as I can testify, since I have seen most of them for two seasons. It is a big studio, twenty meters by thirty, with seven-and-a-half meters available vertically. When you see the thing, miles high and miles broad, these official dimensions seem an understatement; but of course the dimensions given only refer to the available stages, not to the huge wilderness in which they are contained. In this space it is easy to work with a dozen scenes or — as was done in the *Masked Ball* — with a long passage of continually changing and wonderfully convincing panorama.

The main preoccupation of opera production in television is, of course, to suit it to the small screen on which it will be seen and heard-to make it interesting and to make it fit. The orchestra, singers, and conductor are supposed to take care of the music, which in any case will not or should not be any different from what it is in a theater. The actual scenes, their petformance as drama, the picture and its meaning-these are the job of television. In carrying out this task the directors have shown power and imagination many times, although they also exhibit a natural weakness for exploiting television's advantages - constantly shifting scenes, incessant movement, and so on. In Manon Lescant (Puccini, not Massenet) which went on last winter, the soprano and tenor in their love scene ambled around the garden with such indefatigability that one actually almost missed the old-fashioned operatic custom of standing still to sing. The Girl of the Golden West, two years ago, was a riot of movement, human and equine, and even Studio 3, big as it is, was stretched.

As can be imagined, television's job with opera is more complicated and difficult than with any other form. Problem one, three years ago, was how to put it together. The solution found in the first successful production, *The Barber of Seville*, has been followed ever since and gives results: you tape the orchestral score on the preceding day, in the Park Theater nearby, which has excellent acoustics, and you do your live performance with the singers on stage the following evening, after ample rehearsal. The conductor - who already has done his work - is present, but subsidiary music masters watch over the score, give signals for "attack" by singers (music cues), and so on. Loudspeakers overhead are multiplied extravaganciy for these performances, so that the music truly rains down upon the singers wherever they may be, and it is hardly possible for even the stupidest of them to go wrong. In opera houses singers often cannot hear the orchestra at all (Flagstad says she did not hear it for several years at the Metropolitan). In Studio 3 in Milan it is impossible for them not to hear it. The controls and mixers and so on, an imposing battery, take care of all this in accordance with the techniques of the case. I know little of these techniques, but can testify that the musical results are excellent on the ear, with a precision which, in most cases, surpasses what we get in opera houses.

Once you have solved the problem of how to mix the music, put it together properly, you have those subsequent difficulties of performers, action, and scene, which are common to all drama but worst in opera. In the choice of singers it is obvious that physical appearance and expression are far more vital in Studio 3 than in the big opera houses. Here every eyelash is seen and photographed; in the opera house most of the public can see the performers but dimly. Consequently there is a consistent effort to find singers who fit their roles, within reasonable approximations, for the eye as well as for the ear. This is not so difficult nowadays as it would have been only a decade or two ago, because the new generations in Italian opera have (perhaps because of films) learned new values. An opera soprano nowadays, if she is under forry, is quite likely to be very presentable in make-up and costume, with whatever additional advantages God has given her, and she has generally a pretty shrewd idea of how to indicate emotion. Sopranos who are very pretty on television, can act with conviction, and sing their notes properly are not at all rare: Clara Petrella and Anna Moffo come to mind at once.

Some singers, and amongst them the most famous, flatly refuse television engagements because they do not care for this microscopic revelation of their physiques. Mme. Maria Callas has had an enormous influence on other singers here in such respects - she looks like a ballerina on the stage and acrs like the Duse-but will not enter Studio 3 except as a spectator. (I think she thinks her nose is too big.) Some of the other reigning artists, such as Mme. Tebaldi, are getting a bit plump. But without these glittering luminaries the workers in Studio 3 have done very well indeed, and probably with more balanced results than might otherwise have ensued. So far as the men are concerned, there are no visual problems; almost all the leading singers of today are quite presentable, and the beer barrels of yore are to be seen mostly in minor parts or in the chorus. Among tenors Mario del Monaco, and among baritones Rolando Panerai, are as handsome as film stars and act as well as is demanded in most operas.

Choose, then, a cast that will look moderately suited to the drama — one must not ask too much! — and thereafter the director can take over with some joy. His chances are numerous. Practically every opera yields to a scenic treatment in which the static limits of the square stage can be abandoned for long stretches at a time. This can be overdone; it is the temptation of all films; but it is a delight to see how flexible some of the "traditions" of a stiff, old-fashioned form can become under such treatment.

From almost two years' experience in observing the results, let me name a few successes. In my judgment Verdi's Masked Ball was outstanding among them, in that the sense of being tied down to a square, fixed stage was almost abolished. That opera, admired for its music and deploted for its libretto, got a really imaginative presentation on television last autumn. The second act will do for an example: it starts with "a solitary field on the outskirts of Boston," which you can interpret as you please, and passes next (Verdi's third act, here a second scene of the second act) to the house of Renato, the baritone. In the "solitary field," which was done as a wind-swept heath in the Shakespearean manner, with some quite cerie effects for the eye, the soprano and tenor have their rendezvous, a love scene, interrupted by Renato (the soprano's husband) and the conspirators. On discovering the identity of the lady whom he is to escort to safety, Renato is, of course, overwhelmed: it is his own wife, and between them there follows a long scene of terrible grief, anger, injured innocence, and other wellknown emotions to which Verdi was always able to give a wonderful flood of rone.

In the television production there is no break between the wind-swept heath and the house. Renato takes the lady home, yes, but more or less by the hair of the head. through a gloomy and impressive panorama of desert rocks and inclement weather. They sing a great part of their scene en route, in other words, from Act II to Act III. The singers were Marcella Pobbe, a young soprano with an expressive and beautiful face, and Rolando Panerai, an extremely gifted young baritone. What they did with that long scene would have rejoiced Verdi's heart, I think. At its end I came to the conclusion (to which I had been coming anyhow) that these dramatic scenes between two persons, full of emotion and pathos, tone and action, are one precise place in which television opera is beyond comparison better than the real thing. You cannot get that much tension into a square, static stage by the music alone. Here we had the music (very well performed, too) along with a visual presentation impossible in a theater. And in all likelihood time will prove Verdi to be the best composer for television, since scenes of high emotion between two or three characters were his suprente achievements.

Conversely, the great triumphal scene in Aida cannot be treated in this manner on television and no effort has been made to do so. The big scene is far from static; as televised on the stage of the Scala it was most effective; but there is nothing you can do with it except let the chorus stand around the square, bring on your triumphal exhibits, one by one, and let the trumpets blare.

There were several particularly good cinematic rouches in the studio productions — single bits — which no opera

ww american

house can achieve. As I said before, the Manon Lescant had almost too much movement; the soprano and tenor, being young and good-looking, were kept in a state of peripatetic eroticism which made one nervous. But at the end of the first act, when he carries her off to Paris in a swift little caleche pulled by two real, live, genuine horses, we had our reward. Normally we see them get into a carriage (generally closed) and it jolts about five inches cowards the wings and the curtain falls. Here they dashed out of the courtyard of that inn before you could say don't. And, moreover, as the music died away and we heard the excited cries from the courtyard, what we saw was two mighty fine horses galloping along a beautiful straight road into the horizon, while the happy young pair embraced recklessly. It might be the most ordinary of endings in a film, but in opera it seemed uncommonly lively and suitable.

The entrance of Butterfly, in the ptoduction made two years ago, was another memorable exploitation of scenic possibilities. In a theater the poor girl and her attendant sprites cannot move more than an inch or so at a time because Puccini has given them so much music to sing before they can be officially declated on-stage. They cannot sing it off-stage because it could nor be properly heard, and anyhow they must see the conductor. What they do is creep on and stand there, occasionally waving a fan or making a minimal advance, often retracted next moment, but anyhow trying to suggest movement without in fact really moving.

In television the ludy and her attendants really had some elbowroom — enough Japanese garden for Hirohito himself. They went over rustic bridges and paused under cherry trees, made flower patterns themselves and paused to admire others, until we began to wonder if they were going to join the gentlemen in time to get married. It was perhaps a little too extensive in the way of scenery, but it was a real entrance, and probably just about what Puccini had in mind when he wrote that music.

La Sonnambula, too, with the beautiful young American Anna Moffo singing it, was charming beyond easy credence as done on television. Continued on page 157

A very bandsome bero is Rolando Panerai in A Masked Ball.



# Tosca, Jeritza, and Me

by GUSTL BREUER

THE FIRST TIME I attended a performance of Tosca, Sarah Bernhardt played the title role which Sardou had written for her; this was at the Theater Sarah Bernhardt in Paris, immediately after World War I. It was a great event, for Tosca had by then been dropped from the Divine Sarah's repertoire and on this occasion had been revived only at the request of her insistent fans. It was quite a season for me, too; only two months earlier mother had taken me to Duse's Dame aux Camélias in Dresden. I behaved beautifully on that occasion, I am told.

At Sardou's *Tosca*, however, something happened during the "torture scene." Either Madame's performance of anguish was so overwhelming or (and I choose to believe the latter) I was so revolted by torture in general, and Cavaradossi's torture in particular, that I kicked and rebelled to such a degree that my poor mother had to rush hastily out from the theater.

For a moment it looked as if I would make my own debut right then and there in Paris, which would have been very fashionable. But I suppose I sensed the deplorable standard of French hospital conditions and calmed down. I was born six weeks later in Vienna, right on schedule.

Tosca in Vienna, 1951: a blonde Floria sang from the floor.



METROPOLITAN OPERA NEWS

Because I had timed my arrival on a Sunday, however, I had to do it all by myself, for the famous Viennese gynecologist who had delivered my two older brothers had gone to the Sunday concert of the Vienna Philharmonic: not being able to tear himself away from a Mozart symphony, conducted by Felix von Weingartner, he arrived at our apartment when I was already a *fait accompli*.

My first violent reaction notwithstanding, I have loved Tosca ever since. My family, Mozart addicts all, consider this a rather vulgar taste, theatrical and uncivilized; but although I share their love for Wolfgang Amadeus, I continued to fight a tenacious and valiant (if completely unsuccessful) battle in behalf of this opera.

My first passionate encounter with Tosca took place when — at the age of twelve — I saw Maria Jeritza in the Puccini version of M. Sardou's play. This must have been in Vienna during the season 1929-30, at the zenith of Mnne. Jeritza's career. I had, by then, been taken ro the family box once a week; I had witnessed such offerings as Hänsel und Gretel, all the Mozart operas, Freischütz, Fidelio, and even Rosenkavalier (with Lehmann, Schumann, Mayr; Richard Strauss conducting), Lobengrin and Tannbänser, (with Lehmann and the aging Slezak), and great concession to taste — Traviata (starring Selma Kurz and Alfred Piccaver). My goddesses were Elisabeth Schumann in all her Mozart roles, as Sophie, and in her lieder recitals, and Lotte Lehmann in the more emotional parts, such as Agathe, Elsa, Elisabeth, and the Marschallin.

Then Jeritza happened to me!

I felt bewildered, delirious, and very much — so I fancied — as an opera-struck Cherubino. Perhaps, needless to say, no member of my family attended my first *Tosca*, and as they did not co-operate with tickets, I joined some fellow students of the Akademische Gymnasium. We had queued up at one o'clock in the afternoon, and had landed standing room tickets in the first row of the Stehparterre, directly under the former Kammerherren Loge, a center box reserved for government VIPs. It was just as well that I had a banister to lean on, (afforded only the lucky standees in the front row) for during Jeritza's performance my knees turned into jelly and I had to support myself with my clammy hands. Piccaver, that wonderful — if unreliable tenor — was Cavaradossi, and Alfred Jerger, a singing-actor of enormous resources which made you forget his rather dry voice, was Scarpia.

It is difficult to explain the impact of Tosca via Jeritza. If, in American terms, a twelve-year-old boy were to encounter a combination of Ava Gardner, Eartha Kitt, and Tallulab Bankhead he might, perhaps, experience a fraction of the excitement that generated from that stage. Even Jeritza's jubilant voice, never approximated on her recordings, her genius as an actress, and her unforgettable personality alone could not have managed the havoc she caused with me. Although the phrase was not in any of the Gymnasium's dictionaries, her Tosca was my introduction to sex appeal. What better introduction could one hope for?

From that day on, (feeling terribly disloyal towards Mones. Lehmann and Schumann) I attended every Jeritza performance. And these attendances increased in direct ratio to my decreasing marks in Latin. Finally it ended in a gendeman's agreement between my Latin professor and my shaken mother. He called her to his office and explained as gently as possible that I wasn't really stupid but that the shining example of my two older brothers - both of whom had breezed through the same institution of learning - rested so heavily on my scrawny shoulders that I didn't even make an attempt at studying Latin. The pact he offered was simple: he would pass me - if mother promised to take me out of the Gymnasium and off his hands. This was a humiliation which had not happened to a Breuer for generations! As my father had died when I was barely ten, poor mother had to shoulder the disgrace alone. She did not even scold me, which would have made my position so much easier. She was merely silent and sad. Still, like a dope addict, I continued to attend Jeritza performances; the only difference was that, as it was too late to improve my marks, I now no longer bothered to do my homework while sitting on my little folding stool in the opera queue.

To make things worse, I joined the legion of Jeritza fans who waited at the stage door on Operngasse after her performances. We would cheer, as she floated into her huge limousine, and then would race the short distance to Stallburg Gasse, her home, arriving just before the car drove up. Still intoxicated with the impact of the diva's performance, the Jeritza gang would cheer again as she entered her home and wait, like spaniels anticipating a midnight snack, until she opened her windows. Carelessly, yet majestically, she would tear apart the endless bouquets of the evening, scattering the flowers into the street. The reason my right thumb is much wider than my left is that while I was scampering for a long-stemmed rose on one of these occasions, a fellow enthusiast snvagely stepped on that rapacious member.

This aspect of my operatic excursions really worried my mother, although I was not conscious of her concern at the time. One night, when I arrived at our home on Lobkowitz Platz, which lay directly between Jeritza's home and the Opera House, mother took courage. As I sneaked through the door she came to my room and said, "Look here, Gustl. It's none of my business, of course. You are, after all, fourteen now; but when you stay out till two in the morn-

www.america

ing I can't help worrying. Couldn't you tell me where you stay all night? If I knew, perhaps I could go to sleep. ...."

I explained that "we" (the Jeritza Gang) always raced to our inamorata's home after a performance.

"Yes, I know," mother replied. "But Tosca isn't Parsifal. It's over at eleven."

I poured myself a glass of milk from the flask on the spindly Biedermeier night table and changed from my best blue suit into pajamas. "Of course not," I reasoned patiently, "but sometimes She doesn't go home right away and then we have to wait till She gets back." I added proudly, "A lot of parties are given in Her honor."

I shall never forget the relief that erased the look of maternal anxiety. "Of course. Now I understand." And, turning at the door, she said, "Now don't forget to brush your teeth."

It was as simple as that. From that night on, mother took an added interest in the Staatsoper's repertoire. When she saw a Jeritza performance coming up (and at that time there were at least two a week) she knew I would come home somehow ... eventually. ...

(Years later, in 1944. I again arrived at my family's flat at two a.m. I was by then an American corporal, visiting England courtesy of the U.S. Army. I was stationed in Manchester as part of a team which was to invade the Continent. I had tried to explain to my Major that I would like to visit my family who had moved to London, but this only confused him. It was difficult enough for an average Major to understand that he had, under his command, a corporal with a Viennese accent. To contemplate an American corporal with a Viennese accent whose family lived in England was too much. So he told me that I was top-secret hush-hush and could not see them. I decided to take a nice, two-days' AWOL weekend, boarded a train, and early one Saturday morning climbed through the bombed-out windows of my family's London flat. Aroused by my athletic efforts, one of my brothers - trained as a British paratrooper and appropriately alert-switched on the light, sat up in his bed,

With Giacomo Puccini, prime régisseur and polka-dot painter. METROPOLITAN OPERA NEWS



and observed the intruder. We had not seen each other for four years; so the first thing George said, was "For Heavens' sake, Gustl, what's this melody: dyam-dam dadadadadada. Dyam-dam dadadadadada?"

I picked up the tune immediately and said smugly, "Times certainly have changed, haven't they? You are singing *Tosca*, third act. When the firing squad come up the stairs ..." Only then did we shake hands and mother and my brother Franzl, roused by so much gravel-canto, appeared and opened a bottle of champagne.)

Although such people as Richard Strauss, Gerhard Hauptmann, Von Hofmannsthal, Reinhardt, Selroa Kurz, and Elisabeth Schumann were constant guests at my grandmother's house, I met Maria Jeritza-Seery only a few months ago. I phoned her, told her I would like to ask her about *Tosca*, and was immediately invited to a party. Never was I sorrier to decline an invitation. But I had — as I explained — a previous engagement which I couldn't break. Mme. Jeritza understood, talked to me for twenty minutes, and — *en passans* — mentioned that she was entertaining some forty-odd U.N. delegates that night.

"You mean, you have dinner for forty and you can find time to talk on the phone for half an hour?" I said in utter admiration.

"Oh, here in America, we do it all with electric buttons . . ." She laughed, in the only voice I know which (unlike Dietrich and Bankhead) is pute soprano but still spells total sex appeal.

We settled for a rendezvous at "tea intermission" during a Saturday afternoon performance of *Carmen*. The scene of our meeting was the Metropolitan Opera Club. Mme. Jeritza swept in: blond, majestic, and glamorous, trailing — in that order — a superb mink coat, a husband, two Monsignori of the Church, and a charming couple of definitely Viennese accent and descent. I introduced myself and was once more — fourteen.

With the ease that comes from being entertained and from having entertained royalty and such supermonarchs as Puccini, Strauss, and Von Hofmannsthal, Mme. Jeritza ordered tea and pastry; explained to the others that she had to give an interview and, while pouring tea with her right hand, opened a Manila envelope with her left. "Here are the *Tosca* photographs I promised. The one with Puccini has never been published," she said, concentrating on my questions.

"Did Puccini mind your playing the Bruna Floria' with your own blonde hair?" I was proud of being able to control my shaky voice.

"But he *insisted* on this," she said emphatically. "He told me I did not look well with a dark wig, pulled over my long hair. Besides, there are blonde Italian women, even Spaniards. Although they are, of course, exceptional. But then singers don't change the color of their eyes to suit a given role. Puccini never minded such details if it helped the end result."

"And about your. . ."

"I know, I know," she laughed, anticipating my next question. "About my singing 'Vissi d'arte' from the floor. I've been asked this so often, I can only repeat again and again, how this happened." She was not bored at having to explain it again; but I got a distinct feeling that she watched me as I took notes — so that, this time, perhaps it would be put down correctly.

"Puccini was not only a genius as a composer. He was the greatest régisseur I ever worked with."

"Including Reinhardt?," I countered. I knew she had sung Belle Hélène and Ariadne under Reinhardt's direction.

"Yes, including Reinhardt. Puccini was the ideal stage director for singers. He told me, 'Look here, Carissima. You must find something for this "Vissi d'arte." Find something that will help this second act. It is dramatically so sound but then — poof! — I write this aria, and everything stops and we have a conventional opera.' 'Couldn't perhaps Scarpia...' I tried, but Puccini interrupted me, 'All Scarpia can do is look out of the window and leave Tosca to her meditation with God. Find something, so it won't remain an old-fashioned opera!'"

"So, you did?"

"Oh, not at first. I thought about it, and thought about it as rehearsals went on. We tried it kneeling, and from the sofa, and all kinds of ways . . . and nothing really worked. I mean," Jeritza interrupted herself, "it worked but without true motivation." She poured the second round of tea, ordered more pastries, smiled at her husband a smile which transformed the lemon wedges before us into exotic candied fruit, sighed an apologetic sigh into the general direction of her guests, and immediately was once more Tosca of Act II.

"Then, during the final rehearsal Alfred Jerger, the Scarpia, and I got so carried away, that he threw me to the floor with such force that I thought I had broken a few ribs. I lay there, knowing that in a few bars I had to sing "Nur der Schönbeit, weih't mein Leben" (the German text of "Vissi d'arte"). I didn't know how I would get back on my feet, let alone have any breath - with my entire body hurring. Then Professor Arnold Rosé, the famous first violinist of the Vienna Philharmonic, started the first bars of the aria and I just began to sing. I didn't even bother to push back my dishevelled hair from my face. When I had finished I thought to myself, 'All right; now we will face the storm.' But instead, Puccini's voice came from the auditorium, 'Brava, brava, bella Carissima! You have done it! I knew you would invent something .... it is perfect!"

Mme. Jeritza's face still mirrored the intense pleasure and surprise of a child who had been extremely naughty and, unaccountably, had been rewarded for her misbehavior.

The soft chimes announced cruelly that "tea intermission" was drawing to an end. "One more question," I said in a panic.

"Don't worry," Madame said calmly. "I can stay as long as you need me. I know how *Carmen* comes out."

The Monsignori and the Viennese couple excused themselves and returned to their seats. Mme. Jeritza sped them on their way and then she and her husband, Patrick Seery, settled back once more. "It won't be long," I explained to my host.

"Oh, that's all right. I'm used to this sort of thing," he said genially, and tactfully took himself off into a colloquy with the waiter. I proceeded: Continued on page 159 FOR THE PRESTIGE OF OWNING THE BEST ....



BOZAK

Quality Loudspeakers The Very Best in Sound

THE R. T. BOZAK SALES COMPANY DARIEN · CONNECTICUT EXPORTS: ELECTRONICS MANUFACTURERS' EXPORT COMPANY · PLAINVIEW · NEW YORK

DECEMBER 1957

# The Exciting NEW Anniversary Series by FISHER

IT IS APPROPRIATE that Avery Fisher, pioneer maker of high fidelity instruments, should mark his twentieth year of engineering leadership with the introduction of the new, FISHER Anniversary Series. In this group of outstanding instruments will be found two FM-AM tuners and the very latest of Fisher audio amplifiers.

Nothing we can say here, no photographic illustration we reproduce, could possibly convey the giant step forward represented by these new models. They will serve to establish even more firmly the leadership that Fisher equipment has held these two decades. Be sure to visit your high fidelity dealer soon, to see the Anniversary Series — and best of all, compare their performance to any competitive equipment—*regardless of price*. You are in for the most pleasant surprise of your hi-fi life !

Write today for complete specifications.

**EXAMPLE RADIO** Corporation 21-25 44th Drive · Long Island City 1, N.Y.



### THE FISHER Model 90-R · FM-AM TUNER

 Combining engineering excellence and dazzling performance. THE FISHER 90-R is truly representative of the renowned FISHER tradition for quality. Providing both maximum sensitivity and maximum signal-to-noise ratio, without compromise, the 90-R may even bring in FM stations before you have connected the FM antennal Incorporating the celebrated FISHER Gold Cascode RF amplifier, and companion circuitry, the 90-R has a rated sensitivity as low as 1 microvolt-with AM sensitivity better than 3 microvolts at full output. The exclusive, new Microbeam Tuning Indicator provides ease of tuning never before possible-and is more accurate on weak signals than a meter or conventional tuning eye. Still another FISHER exclusive, the new, three-position Push-Button FM Muting and AM Bandwidth Selector effectively eliminates both interstation noise and annoying on-station sideresponse distortion. The most advanced FM-AM tuner in the world today, THE FISHER 90-R is a superb, professional instrument.



Outstanding specifications of the 90-R include: = 1 microvolt FM sensitivity for 20 db of quieting; 1.6 microvolts for 30 db of quieting, using 72-ohm antenna. # FM sensitivity 2 microvolts for 20 db of quieting; 3.2 microvolts for 30 db of quieting, using 300ohm antenna. I 12 tuned circuits, including 3 variable. Gold Cascode RF Amplifier stage. . Entire front end features silverplated shielding against undesirable noise, interference and radiation. . Special antenna input circuit on FM and AM accommodates five different kinds of antenna connections. # Four IF amplifier stages provide maximum bandwidth while maintaining maximum selectivity. . Dual Dynamic Limiters for instantaneous limiting of random and impulse-type noise. . Wide Band Ratio Detector. = High capture ratio eliminates co-channel interference. Uniform frequency response from 20 to 20,000 cycles within 1 db. 
Delayed AGC for constant audio output. 
FM Dipole antenna included. = Antenna input accommodates 300-ohm or 72-ohm external antenna. = Separate AM front end with 9 tuned circuits, including 3 variable. # AM sensitivity better than 3 microvolts for full rated output. . Special antenna input designed for maximum signal-to-noise ratio. . Convenient antenna terminal and switch permits choice of ferrite loop or external antenna. Tuned RF amplifier stage has constant bandwidth over tuning range for optimum fidelity-to-selectivity ratios. 
Two IF amplifier stages featuring three-position push-button controlled adjustable bandwidth: = IF bandwidth 18 Kc in Broad, 11.5 Kc in Medium, and 6 Kc in Sharp positions. . AM Detector circuit incorporates separate diode and operates without distortion even on highmodulation broadcast signals. Special Bridged-T circuit design of 10-Kc sharp cut-off filter assures complete suppression of undesirable adjacent-channel interference, or heterodyne "whistle." Two low-impedance, high-level outputs, one for amplifier and one for recording. # Hum and Noise Level: 77 db below signal for 2 volts output. . Die-cast, three-dimensional brushed-brass escutcheon. . Large, brilliantly illuminated dial with logging scale. Pin-point indicator lights for FM muting or AM bandwidth. Smooth, fly-wheel tuning. = 12 tubes including Microbeam Tuning Indicator, plus 6 crystal diodes. # Size: 151/4" wide x 107/4" deep x 7" high. = Shipping Weight: 21 pounds.



### HE FISHER Model 90-t • FM-AM TUNER

If any FM-AM tuner possibly can offer more in performance and engineering than the 90 R, it is the equally new, FISHER Model 90-T. Here is the identical, extreme-sensitivity FM-AM tuner as the 90-R-with the Gold Cascode RF amplifier, Microbeam Tuning and Push-Button FM Muting-AM Bandwidth Control - plus an audio control center incorporating stimulating new concepts in design and engineering. A new FISHER feature, the Presence Control, creates the concert-hall effect of emphasizing and bringing forward from the orchestra, instrumental and solo passages. A three-position, sharp cut-off Rumble Filter eliminates lowfrequency noise with minimum possible loss of frequency response. A similar, three-position, sharp cut-off Noise Filter suppresses noise, interference and other annoying high-frequency effects such as static, record scratch and high-frequency distortion. The additional tuner specifications of the FISHER 90-T FM-AM tuner are identical to the new FISHER 90-R.



The four input jacks of the control center can accommodate a low-level magnetic phonograph cartridge and a tape playback head, plus a stereo channel, TV sound, a ceramic, crystal or FM cartridge, tape recorder or other high level signal source. . Two output jacks provide a low-impedance connection for use with an amplifier or separate signal for recording. ■ Less than 0.1% distortion for 3 volts output, with uniform frequency response from 25 to 40,000 cycles, within 1 db. ■ Hum and noise level better than 80 db below signal for 2 volts output. ■ High-gain, two-stage preamplifier for low-level phonograph cartridges and tape playback head. . Three-positions of equalization for all makes of recordings, plus standard NARTB tape equalization. ■ Individual bass and treble controls for complete, personal tonal adjustment. Master Volume Control eliminates need for separate volume controls on associated equipment. . Four-position Loudness Contour Control accurately compensates for the natural loss in hearing sensitivity at low listening levels. Die-cast, three-dimensional brushed brass escutcheon. ■ Large, brilliantly illuminated dial with logging scale. 
Pin-point channel indicator lights. Smooth, fly-wheel tuning. 15 tubes including Microbeam Tuning Indicator, plus 6 crystal diodes. = Size: 151/8" wide x 10%" deep x 7" high. 
Shipping Weight: 23 pounds.

> Chassis, **\$239.50** Mahogany or Blonde Cabinet, \$19.95

#### THE FISHER Model 125-AX Audio Amplifier

125 Watts! THE FISHER Model 125-AX sets new standards for power amplifiers — from the standpoint of design, performance and reliability. Its exceptionally high power output and significantly low distortion provide the ideal combination for quality reproduction, with ample reserve power for every requirement of the music connoisseur or professional user. The 125-AX is ideal for use with the most critical recording and laboratory instruments, in addition to the newest, low-efficiency and conetype speaker systems.



Outstanding specifications of the new FISHER Model 125-AX audio amplifier include: = 125 watts with normal program material. = 90 watts continuous sine wave duty. = Harmonic distortion less than 0.6% at 125 watts; less than 0.5% harmonic distortion at 90 watts. Two separate power supplies, assuring optimum amplifier operation. . Unique, illuminated FISHER Performance Monitor meter indicates correct adjustment of output tube bias, screen voltage and output balance - and shows average power in watts. . Less than 1% IM distortion at 90 watts: less than 2% IM distortion at 125 watts (measured 60/3000 cycles at 4:1). = Frequency response within 0.25 db, 20 to 20,000 cycles. . Hum and noise better than 92 dbybelow full output. # 4, 8 and 16 ohm speaker output impedances, plus 70.7-volt output at 90 watts. . Power socket supplies all necessary voltages for operation of unpowered, external components. Exclusive FISHER Z-Matic, a variable damping factor control with three times the range of ordinary controls of this type, assures a perfect impedance match between the amplifier and speaker system. . Total of eight controls: Input Level. Speaker Impedance Switch, Meter Switch, Blas, Screen Voltage, Output Balance, Driver Balance, Z-Matic. . Tube Complement: Total of 12, including 2 neon regulators-1-12AU7, 1-12AX7, 4-EL34 (6CA7), 1.6Y6, 1.6AU6, 2.5R4GY, 2-NE16. . Size: 14" Wide x 11%" deep x 8%" high. = Shipping Weight: 55 pounds.

> Model 125-AX, \$229.50 Model 125-A, with 8 and 15-ohm outputs only, \$219.50

This is where the music begins

# The Collaro Continental, TC-540

## New Transcription-Type Tone Arm Makes Collaro World's First True High Fidelity Changer

When you select your high fidelity system—an amplifier with low distortion and low noise level, a speaker capable of reproducing the entire audible range—you want to make certain you pick the right record player. Because that's where the music begins. That's why today's fine high fidelity systems require the all new Collaro—the turntable that changes records—featuring the revolutionary transcription-type tone arm.

The new arm is one-piece, counter-balanced and will take any standard cartridge. Resonances are below the audible level. Between the top and bottom of a stack of records there's a difference of less than 1 gram in the tracking weight as compared with 4 to 8 grams on conventional changers. This insures better performance for your precious records and longer life for your expensive styli.

It's worth noting that Collaro quality is so well recognized that leading American manufacturers of fine console units incorporate Collaro into their instruments in order to achieve the best possible performance in a record player.

In addition to the transcription-type arm, the Collaro Continental features:

Four speeds, manual switch that permits playing single record or portion of a record; jam proof mechanism, hold the arm in mid-cycle and it won't jam; automatic intermix, plays 7", 10" or 12" records in any order; automatic shut-off after last record has been played; wow and flutter specifications, ¼ (0.25%) RMS at 33½ RPM, superior to any changer in the world; muting switch and pop filter to eliminate extraneous noises; extra heavy duty 4-pole induction motor; heavy rim-weighted, balanced turntable for fly wheel action; removable heavy rubber turntable mat; pre-wiring for easy installation; attractive two tone color scheme to fit any decor; factory custom-testing for wow, flutter, stylus pressure and correct set-down position. Reflecting their custom English craftsmanship Collaro changers are tropicalized to operate under adverse weather and humidity conditions. The base, in blond or mahogany, is optional at slightly extra cost and the Collaro mounts easily and quickly on a pre-cut mounting board or base.

When you huy your Collaro, you're buying professional quality equipment at a record changer price. Collaro prices start at \$37.50. The Continental. featured above, is \$46.50. (Prices are slightly higher west of the Mississippi.)



FREE: Colorful new catalog, containing guide on building record library plus complete Collero line. WRITE TO DEPT.H-012 ROCKBAR CORPORATION MAMARONECK, N.Y.

Rockbar is the American sales representative for Collaro Ltd. and other fine companies,

HIGH FIDELITY MAGAZINE



A NEW RECORD CLUB, sponsored jointly by RCA Victor and the Bookof-the-Month Club, will make its debut just after Christmas. This would seem to be a classic illustration of the precept "If you can't lick 'em, join em." When Columbia launched its mail-order record club in the summer of 1955, RCA viewed it as a serious encroachment on the local record dealer's rightful domain. A strong manifesto emanated from RCA Victor headquarters at that time assuring all and sundry that RCA had great faith in its dealers and entertained no intention of circumventing them. But events of the past two years have forced the Victor management to make one of those agonized reappraisals. Columbia's record club has been a howling success and, despite it, the dealers are still in business and doing nicely. On the theory that principles must turn with the times, RCA Victor is now joining the parade.

The name of its club is to be the RCA Victor Society of Great Music, and it will purvey classical repertoire only. The Book-of-the-Month Club is to direct its operations. All mail-order clubs offer free merchandise to attract. members, and the RCA-BOMC people promise "something very desirable" as bait. If I'm not greatly mistaken, that something will turn out to be Victor's album of the nine Beethoven symphonies conducted by Toscanini.

YURY BOUKOFF, the Bulgarian pianist, belongs to a handful of musicians who still find it feasible to commute professionally between Western and Communist countries. Recently there have been some musical exchanges on a semiofficial "international good will" basis, but very few artists cross the East-West boundaries these days in the course of ordinary concert giving. Those who have tried to divide their loyalties (Erich Kleiber was one) have usually run into trouble of one sort or another. Yury Boukoff, whose New York debut took place last month, inhabits both worlds. He makes his home now in Paris, but he travels on a Bulgarian passport, and he is as likely to be playing a recital in Peking as in Peoria.

"I hope to keep it this way," he told me and Westminster's Claire Feit at lunch the other day. "Having a Bulgarian passport is costly: I seem to spend all my concert fees paying for visas. But it's rremendously stimulating to play for so many different kinds of audiences."

In his native Sofia, Boukoff says, only a small portion of tickets are put on public'sale for his concerts. Most of them are reserved in blocks for various organizations — schools, unions, government bureaus, etc. One morning last year, Boukoff walked out of his hotel in Sofia and was stopped by a streetworker wielding a large pncumatic drill. "Mr. Boukoff," he asked, "what was the next to last encore at your recital last night?" The incident, Boukoff feels, is indicative of the widespread interest in music among Bul-



Bulgarian Bonkoff inbabits two worlds.



Hungarian Martzy likes to listen loud.

gatia's citizenry today. He reports, indeed, that musical enthusiasm runs high throughout the Communist world — even in China, where a huge new audience for Western classical music seems to be in the making.

Despite the stimulation of playing the Sofia-Peking circuit, Boukoff heartily prefers Paris as a place to live. He became a Parisian-by-adoption eleven years ago, when he won a scholarship to the Conservatoire at a competition conducted by the French Institute. After several years of study there with the late Yves Nat, as well as with Marguerite Long and Georges Enesco, Boukoff began amassing musical prizes, among them the coveted Prix Diémer and the Oueen Elisabeth of Belgium Award. His first venture into the recording studio was as soloist in the Menotti Piano Concerto. Following this one-shot for French HMV, he made several recordings for Philips. Last year he joined the Westminster roster, and during his recent visit to New York taped a Chopin miscellany for that company.

THE DAY AFTER BOUKOFF'S debut, New York heard the Hungarian violinist Johanna Martzy for the first time, as soloist with the Philharmonic. Miss Martzy is another prize winner of no mean ability. In Hungary during the war she made off with the Prix Reményi and Prix Hubay, then proceeded to take top violin honors at Geneva's Concours International in 1947. (Geneva turned out to be a great place that year for talented young musiciennes; another prize winner at the 1947 Concours was Victoria de los Angeles.) Besides launching Miss Martzy on her career, the Geneva competition provided her with a new home. She had left Budapest when the bombing became heavy in 1944, got as far as the Austrian-Swiss border, and was finally admitted into Switzerland just too late for the 1946 Concours.

Continued on next page



Available wherever quality tape is sold. ORRadio Industries, Inc., Opelika, Alabama Export: Morhan Exporting Corp., New York, N.Y. Canada: Atlas Radio Corp., Ltd., Toronto, Onteric

On the promise that she would participate in the next competition, she was allowed to remain for one year. Apparently Switzerland and Miss Martzy got on well together in those twelve months, for she lives there still, in a chalet at Ayer-Anniviers high in the Swiss-Italian alps.

When she is not climbing a nearby mountain, Johanna Martzy likes to listen to records. What is more remarkable, in view of her sex, she likes to listen to them loud. This I learned when I spoke to her briefly at the offices of Angel Records in New York. "Most people," she complained, "play their records far too softly. They say that an orchestra shouldn't sound as loud in a living room as it does on the concert platform. But I'm used to hearing orchestras on the concert platform, and at home I want an orchestra to sound like an orchestra." Miss Martzy is young. She is blond. She is pretty. The line forms on the left.

GOVERNMENT AID for the arts in the United States becomes increasingly necessary. Last month's editorial, "Who'll Pay the Fiddler?," surmises that it may not be too far off. Meanwhile, until Congress sees the light, private helping hands continue to improve the musician's lot.

For example, the American International Music Fund - with an assist from the Rockefeller Foundation and the blessings of James C. Petrillohas recently announced a "recording guarantee" project to benefit the unrecorded composer. It works this way. A number of conductors and orchestras have agreed to designate one or two of their concerts early in 1958 as "International Music Fund Concerts" and to include on their programs certain commercially unrecorded compositions. Mr. Petrillo will allow tape recordings to be made of these performances, something ordinarily forbidden by the AFM. A jury is then supposed to listen to the tapes and choose two works as winners of the Recording Guarantee, whereupon "the two winning works will be commercially recorded under a financial agreement between the American International Music Fund and the recording company which may have the 'winning' orchestra under contract, or in other cases a recording company with which special arrangements can be made." As for the tapes of the nonwinning works, they will be copied and deposited in five major libraries for the edification of "conductors who may wish to consider the compositions for further performances."

There's the rub, complains Alfred Frankenstein. "Conductors take gteat pride in introducing new compositions on every program," he says, "but having performed a new work once, they then disown it for good." Hence our own A.F. is establishing a Fund for Second Performances. He wants to see conductors repeat the music which they have so gloriously introduced, and to that end he "will personally pay \$100 to the conductor of the American symphony orchestra who, during the season of 1957-58, repeats the largest number of works, more than ten minutes in length, that he has performed for the first time during the last five seasons." If anyone wants to sweeten the kitty, Mr. Frankenstein will be delighted.

Finally, Jerry Newman of Stereo Sound Studios (formerly Esoteric) in New York has come up with a plan to aid the unknown performer in search of microgroove fame. One day each month, Mr. Newman will have open house at his recording studio for the purpose of making free audition tapes. Those tapes that seem to him to show promise will then be sent off to the musical directors of appropriate record companies. No strings attached, no agent's fee, Mr. Newman emphasizes. He merely wants to uncover some worthy talent.

AS AN AFTERMATH to the stereo disc demonstrations held in New York in October (and reported on here last month), rumors have been busting out all over. The consensus of the rumor mill has it that the Westrex disc already has been accepted as the preferable system by most major companies. Further, it is reported on good authority that Westrex cutters will shortly be delivered to RCA Victor, Decca, and Capitol. According to this same source, RCA's target date for its initial stereo disc release is July 1, 1958.

Could be. I'm merely passing on rumors. If they're true, a lot of stereo disc players will have to be manufactured in the next seven months.



HIGH FIDELITY MAGAZINE





THE CONTRACTOR OF THE OWNER OWN







### Here is Why Electro-Voice Phase Loading Improves Along-the-Wall High-Fidelity Reproduction

Phase Loading-a great Electro-Voice development-gives you performance from along-the-wall speaker enclosures that approaches the performance of a corner horn! Specifically designed for use alongthe-wall, phase-loaded cabinets give you almost a full added octave of smooth, augmented bass. The bass driver unit is placed low and close to the rear reflecting wall so that the direct sound from the cone and the reflected sound reach the listener's ears from very nearly the same source. This prevents phase cancellations, gives smooth, augmented bass range.

Phase Loading also permits a sealed cavity behind the driver cone of precise volume. The compliance of this cavity is made to react with the mass of the cone and the outside air throughout the second octave, adding this range to the response not otherwise attainable. This is why Phase Loading is demonstrably superior. Hear it today!



NEW ELECTRO-VOICE PHASE LOADED ENCLOSURES The Carlton IV. Smart, handsome low-boy design using acoustically correct "Tapatex" grille cloth for accent. It har-

monizes gracefully with modern furnishings. Employs a complete phase loaded system affording extended bass response range with smooth, resonance-free characteristics. Includes Model 105E deluxe 15-inch, 4-way components completely wired and installed. Size: 33<sup>1</sup>/<sub>2</sub>" high, 26<sup>1</sup>/<sub>4</sub>" wide, 19<sup>1</sup>/<sub>2</sub>" deep. Mahogany Complete - Net each ...... \$359.00

The Sheraton. Complements the Carlton phase loaded speaker enclosure, affording extensive facilities for amplifier, tuner, turntable or record changer, tape deck plus record and tape storage. Compartment dimensions: Record Player, 18" long x wide x 91/2" overall depth (adjustable mounting board 17%" raises for manual player); Amplifier-tuner, 15'' long x 17'''deep; Storage, 13'' high x 19'' wide x 17''' deep. Overall size: 33''' high x  $37''_2$  wide x  $19''_2$  deep. Mahogany Cabinet Only-Net each.....\$173.00



THERE'S AN ELECTRO-VOICE PHASE LOADED ENCLOSURE FOR EVERY APPLICATION The Suzerain IV. With phase load-ed Model 105E 15-inch deluxe speaker system, wired and installed, Size: 36½ high x 26<sup>5</sup> wide x 19½ deep. Mahag-any Complete—Net each.....5395.00 The Suzerain IVA. Model 1178 15-inch standard speaker system, wired and installed. Some size as Suzerain IV. Mahagany Complete—Net each: \$301.00

The Duchess IV. Model 105E 15-inch deluxe speaker system, wired and installed. Size: 293/2" high x 25" wide x

All Electro-Voice furniture is available in Blonde Limed Oak or Circas-sian Walnut at slightly higher price. Enclosures may be purchased separately, without speaker systems.

www.americanradiohistorv.com

19" deep. Mahogany Complete—Net ecch.....\$356.00

The Duchess IVA. Model 1178 15-inch standard speaker system, wired and installed. Some size as Duchess IV. Mahogany Complete—Net each: \$262.00

The Empire IV. Model 105E deluxe 

The Empire IVA. Model 1178 15inch standard speaker system, wired and installed. Same size as Empire IV. Mahagany Complete—Net each: 5245.00

Electro-Voice offers you this wide selection of phase loaded speaker systems and enclosures, each carefully made by dedicated craftsmen. designed by the industry's best engineers and stylists to integrate with either modern, traditional or contemporary furnishings.

NO FINER CHOICE THAN



ELECTRO-VOICE, INC.



That's what Sir Thomas Beecham calls his favorite pieces. Poet and Peasant (Suppé), Afternoon of a Faun (De-bussy), Valse Triste (Sibelius), Royal Hunt and Storm (Berlioz), March in D (Mozart), Le Rouet d'Omphale (Saint-Saëns), Joyeuse Marche (Cha-brier). Delightful album of musical sweetmeats. Royal Philharmonic.

#### Angel 35506

Cover: Photograph in color of Sir Thomas, taken summer 1957 at his villa on the Riviera.



#### ELISABETH SCHWARZKOPF More Songs You Love

Festival Family Favorites ... for the holiday season. Original version of Stille Nacht (Schwarzkopf sings both voices) as first heard in the little church of Oberndorf in 1818. 13 numbers also include Come All Ye Faithful, Panis Angelicus, The First Nowell, In Dulei Jubilo. Weilmachten, I Saw Three Ships . . . Chorus, Organ, Orchestra. Chardas, Madartar, conductor Charles Mackerras, conductor.

#### Angel 35530

Cover: Red and gold. Back: Complete texts.

D D

#### TITO GOBBI AT LA SCALA

The internationally famous Italian baritone in great scenes from favorite operas: Pagliacci (Prologue), Ballo in Maschera, Rigoletto, Traviata, Tosca. From the complete La Scala - Angel opera recordings.

#### Angel 35563

**Complete Christmas Catalogue Now Available** 

Album includes illustrated booklet with texts,



# Christmas List

(New Releases-Available Nov. 25, '57)



#### JULIE ANDREWS and MARTYN GREEN in 'Tell It Again'

In this enchanting record of nursery rhymes, learning songs, lullables, and other 'Songs of Sense and Nonsense' the star of My Fair Lady Sense and Nonsense' the star of My Fair Lady has slipped away from Spain where 'the rain stays mainly in the plain' to the Never-Never-Land where hurricanes never happen and where gardens grow silver bells and cats go to London to visit the Queen. Shedding Eliza Doolittle and her phonetic troubles, Julie Andrews has left all tongue-twisters (such as 'Betty Botter bought some butter') to Martyn Green and sings about Mary and her Lamb, Little Bo-Peep, and Miss Muffet. For children and grown-ups.

Angel Blue Label 65041 Cover: Color photograph of Julie Andrews. Notes plus text of songs.



**CINDERELLA BALLET** (Prokofiev)

All glitter and gold, crystal and grace is this 'royal' record, magically recorded by the Royal Philharmonic Orchestra conducted by Robert Irving, Musical Adviser of the Royal (former Sadler's Wells) Ballet. Perfect Christmas gift!

Angel 35529

Cover: Photograph in color of Ball Secne with Moira Sheater as Cinderella.





#### THE GONDOLIERS (Gilbert and Sullivan)

Here's a how-de-do ... a wonderful new 'Gondoliers' (recorded by HMV new Gondoliers (recorded by HMV in England) conducted by Sir Malcolm Sargent with all-star cast of leading British opera-concert singers. 'Life's a pudding full of plums' (as they sing in 'Gondoliers') if you find this happy album under your tree...'Of that there is no manner of doubt, no probable, possible shadow of doubt...'

2-record Angel Album 3570 B/L (35556-7) Photographs, essay, complete text, illustrated.



#### VICTORIA DE LOS ANGELES Canto a Sevilla (Turina)

The color and rhythm of Andahusia irresistibly interpreted by the incom-parable 'Victoria of the Angels'. Suite with orchestra incl. Semana Santa (Holy Week Procession), Noche de Feria (Seville's famous Fair), La Gir-alda (renowned Moorish bell-tower of the Cathedral). Foundation in the Dad the Cathedral), Fountains in the Park. London Symphony.

#### Angel 35440

Cover: Color photograph of De los Angeles with mantilla. Booklet: Illustrated, with notes and Spanish song texts.

动动

#### **MESSIAH HIGHLIGHTS**

One record of solos and choruses from complete recording conducted by Sir Malcolm Sargent, Huddersfield Choral Society, Royal Liverpool Philharmonic, Magnificent performance in great Brit-ish tradition ("The best Messiah 1 know of in any tradition,' Canby, Audio Magazine.)

Angel 35551 Note: The complete MESSIAH is available in 3-record Angel Album 3510 C.

Angel Records, 38 W. 48 Street, New York 36

HIGH FIDELITY MAGAZINE

www.americanradiohistory.com

# **Records** in Review

Reviewed by	PAUL AFFELDER
ALFRED FRANKENSTEIN	PHILIP C. GERACI
ROBERT CHARLES MARSH	EDWARD L. RANDAL
CARL MICH	AEL STEINBERG

Classical Music	67
Advertising Index	68
Recitals and Miscellany	88
Spoken Word	94

NATHAN BRODER JOAN GRIFFITHS HAROLD C. SCHONBERG **JOHN S. WILSON** 

**RAY ERICSON** DAVID JOHNSON MURRAY SCHUMACH

### Music Between 97 Fi Man's Fancy 98

## CLASSICAL

#### BACH: "Bach on the Biggest"

Toccata and Fugue, in D minor, S. 565; Toccata, Adagio, and Fugue, in C. S. 564; Chorale-Preludes on Wachet auf!, S. 645, and In dulci jubilo, S. 729.

#### Robert Elmore, organ.

MERCURY MG 50127. 12-in. \$3.98.

Mercury calls this record "Bach on the Biggest," the "biggest" in this case being the organ of the Atlantic City Convention Hall, the largest instrument of its kind in the world. The statistics are as hypnotic as those for a Cecil B. de Mille epic: It contains seven manuals and 1,250 stops, and can produce the greatest volume of sound ever heard on a single instrument, equal to the combined volume of twentyfive brass bands. A total of 33,000 speaking pipes are connected to the console by means of electric wiring that could go around the earth five and one half times at the equator. The largest pipe in the organ is also the largest pipe in the world: the low 'C' of the 64-foot Diaphone Pro-funda.... It was cut from a 785-year-old Oregon fir tree," etc., etc.

All the racket that this behemoth can produce was picked up by one strategically placed microphone, and the results, all things taken into consideration, are miraculous in the sonority and clarity that are achieved. The amount of reverberation in the four-block long convention hall can be distinctly heard at resting points in the music, yet the engineering, aided by Mr. Elmore's crisp articulation, generally keeps sonic chaos at bay.

So, one might say, for a recording that is primarily a stunt, the technical results are striking. But that is putting the best face on it. The organ is burdened with a soggy, stringy sound and seems incapable of the kind of pungent or simple registration best suited to Bach's music. In spite of Mr. Elmore's honorable efforts, the Waches anf! lumbers along, and the mote intricate works cannot help, eventually, ending up as tasteless musical hash. R F.

67

BACH: Concerto for Two Violins and Orchestra, in D minor, S. 1043: Sonala for Violin and Clavier, No. 6, in G, S. 1019

Hindemith: Sonata for Violin and Piano, in E flat, Op. 11, No. 1

+Sarasate: Nuvarra for Two Violins and Piano, Op. 33

David and Igor Oistrakh, violins; Vladimir Yampolsky, piano; Orchestta, Rudolf Barshai, cond.

MONITOR MC 2009. 12-in. \$4.98.

The Bach Sonata, played by David Oistrakh, represents one of this violinist's more successful encounters on records with that master. This is a clean, straightforward performance, and not too sweet. In the Concerto, however, the sugar count rises; especially in the slow movement both soloists employ a type of tone much better suited to Sarasate than to Bach. The Hindemith, an early (published 1920) but by no means insignificant work, contains a wider range of dynamic nuance than it receives in this performance. Here and in the Bach pieces the sound is quite good on the whole, but in the Sarasate it is pre-hi-fi. NB

#### BARTOK: Concerto for Violin

Yehudi Menuhin, violin; Minneapolis Symphony Orchestra, Antal Dorati, cond. MERCURY MG 50140. 12-in. \$3.98.

The recording (made in Carnegic Hall last winter) is sensationally fine, the interpretation generally brilliant, sensitive, and penetrating. Menuhin insists, however, upon indulging in those creamy, affettuoso touches which are the heritage of violin-

www.americanradiohistory.com

istic romanticism. Tibor Varga gets along without them, and for that reason I think his recorded version of the concerto (for Decca) is superior. A.F.

BARTOK: Quartets (6)

Parrenin String Quartet. WESTMINSTER 18531/3. Three 12-in. \$3.98 each.

Bartók's reputation is uniquely a phenomenon of the LP age, his music owing more to the microgroove disc than that of any other composer in history - as witness, among other things, the fact that his quartets are almost always recorded in the complete cycle of six. Actually they have been recorded complete no less than three times, and only one of them, the third, is available in an isolated LP version.

The oldest recording of the cycle is that by the Juilliard Quarter on Columbia. Its general approach is severe, architectonic, lofty, and it has more power, punch, and penetration than the one by the Vegh Quarter on Angel. The interpretation by the Parrenin Quartet is more romantic in character, with a warmer, richer sonotity overall, with stronger contrasts of light and shade and more capricious contrasts of tempo. I suspect this is not simply a difference between two interpretative groups but also signalizes a change in listeners' attitudes toward Bartók as we attain deeper perspective on his work and perceive more clearly its links with the romantic tradition. I personally prefer the Juilliard's tougher style, perhaps because I am used to it, but the Parrenin's point of view is also extreme: ly cloquent. The recording is superb and is the first of the three really to bring out some of the special coloristic effects, such as the pizzicato bounced from the fingerboard, with which these works abound. A.F.

BEETHOVEN: Concerto for Piano and Orchestra, No. 5, in E flat ("Emperor")

Emil Gilels, piano; Philbarmonia Orchestra, Leopold Ludwig, cond.

ANGEL 35476. 12-in. \$4.98 (or \$3.98).

The fifth pianist to record all of the canonical Beethoven five, Gilels' editions were completed last spring and will be released, one at a time, through the season. This is the second in the series to appear; the first (No. 3) has been in the catalogue several months.

Speed and brilliance are the distinctive features of this version, the style of which ceveals the now familiar way in which Russians adapt Central European performance traditions to their temperament. Expressed in terms of exceptionally good recording, the result is quite good enough to cut the ground out from several older editions. The new Rubinstein is equally well engineered and now available in a stereo taping - as this may be in a few months. Choice between the two is largely a matter of personal inclination. Both are first rate; my preferences lie with Gilels by a narrow margin. Ludwig's accompaniment is outstanding. R.C.M.

BEETHOVEN: Symphony No. 5, in C minor, Op. 67; Egmont, Op. 84: Overture

Sinforia of London, Hans Swarowsky, cond. LIBERTY SWL 15003. 12-in. \$3.98.

BEETHOVEN: Symphony No. 5, in C minor, Op. 67

Mozart: Serenade No. 13, in G, K. 525 ("Eine kleine Nachtmusik")

Berlin Philharmonic Orchestre, Karl Böhm, cond.

DECCA DL 9942. 12-in. \$3.98.

There are plenty of Beethoven Fifths in the catalogue, but quite a few of them are old and several are badly marred in one way or another. Here is a pair of new ones that belong in the top bracket.

Swarowsky launches a new classical label with a winner. The connorations of "sinfonia" norwithstanding, he has a full-sized group of good men from London's pool of symphony players, and he gets results from them. This is not as fine an orchestra as the Philharmonia, heard in Klemperer's outstanding edition, but except for a few near-slips it's a fine ensemble. The performance is in the German style, paced to build powerfully racher than flash with intensity, and yet not lacking the freedom needed to reveal the beautiful melodic line of the second subject of the opening movement or the lyric elements of the slow movement that follows. Swatowsky's tempo for the first movement is slightly faster than Klemperer's, but both are within the range in which only a subtle shift is needed berween the two principal subjects of the first movement.

Böhm starts fast and gives us the jarring effect of a slowdown when the second theme enters. The contrast is between his rather tightly circumscribed performance and those in which the demands of the phrase permit a greater ease of ebb and flow. Böhm's slow movement is effective, but its martial feeling reveals the material in a single, and somewhat limited, aspect. Swarowsky is closer to my idea of Beethoven. Both conductors conclude the score with pages of great power, Böhm again offering greater intensity and drive.

Although the Liberty billing of "Spectra-Sonic Sound" causes one to fear the worst, the disc turns out to be well recorded and considerably more pleasant in quality than the Decca.

The second works on each record pretty much share the characteristics found in the larger score. Egmont is well played here; the Mozart is bright and tight, strongly accented, and almost bluntly straightforward. R.C.M.

BEETHOVEN: Symphony No. 7, in A, Op. 92

Pittsburgh Symphony Occhestra, William Steinberg, cond.

CAPITOL P 8398. 12-in. \$3.98.

One of Steinberg's finest efforts, this disc misses the highest praise because of the faulty balance that allows the strings to submerge the wood winds and horns. As a performance it is one of the few that invite comparison with the 1936 Toscanini edition, now available on RCA Camden. The Toscanini has more fire and bite, but if Steinberg's interpretation had been better engineered it would have offered an interesting alternate. R.C.M.

BEETHOVEN: Thirty-three variations on a Waltz by Diabelli, Op. 120

Leonard Shure, piano. EPIC LC 3382. 12-in. \$3.98.

Persons like myself, who are reckoned among the group Sir Thomas Beecham has described as "those poor devils who write music criticism," get to hear any number of piano recitals that, were the situation

# ADVERTISING INDEX

Angel Records
Audio Fidelity Records
Audiophile Records Inc. 100
Capitol Records
Capitol Records
Concord Record Corp.
Decca Records
Dexter Chemical Corp
Dyer-Bennet Records
Elektra Records
Esoteric and Counterpoint
Records
Expériences Anonymes
High Fidelity Recordings, Inc
Leslie Creations 112 Livingston Audio Products Corp. 108
Livingston Audio Products Corp. 108
London Records
London Records
Mercury Records
Montilla
Music Box
Nuclear Products Co
Period Music Co.
RCA Custom Division
RCA Victor Division
Record Market 112
Record Review Index
Schwann, W. Ito
Smith. H. Rover, Co.
Sonotape Corp
Stereophonic Music Society, Inc 106
Urania Records
Vanguard Recording Society, Inc. 93
Vox Productions, Inc
WFB Productions, Inc
Westminster Recording Co
•

different, we would certainly avoid. After listening to the same old popular favorites at practically weekly intervals all winter, it is not unreasonable that one should begin to ask how many pianists are really interested in cultivating the authentic masterpieces of keyboard music.

Such an artist is Leonard Shure, who has here achieved the distinction of being the first to record this sublime work twice — his original version having appeared both on 78s and as one of the first Vox longplay transfers. To put in the hours necessary to add such formidable — and, for the purposes of the average concert, impractical — work to one's repertory is itself highly meritorious. To play it with the sensitivity and polish revealed in this recording adds further laurels.

The Diabelli Variations were apparently written for one purpose and one purpose only: 10 make money. Early in 1823 music publisher Diabelli sent a Ländler-like walcz of his own composition to a group the foremost Tone-Poets and Virtuosi of of Vienna" asking each to contribute a single variation. Beethoven, obviously fascinated with the possibilities of the banel theme - which be bluntly described as "a cobbler's patch" - and artracted by the prospect of earning eighty ducats, produced not one variation but a set requiring fifty minutes to play. When the composite opus was published it appeared as two volumes, Beethoven's variations comprising the first, and the second offering single variations by fifty other composers, among them a promising eleven-year-old named Franz Liszt.

The pieces of the second volume have been forgotten for over a century, but Beethoven's work remains not merely his supreme exploration of the variation form, but one of the finest of all compositions for the piano.

So rich in content are these variations that they deserve the widest possible audience. For many this admirable recording may serve as an introduction to their miracles. R.C.M.

BIZET: L'Arlésienne: Suites Nos. 1 and 2; Patrie, Overture, Op. 19

Royal Philharmonic Orchestra, Sir Thomas Beecham, cond.

ANGEL 35460. 12-in. \$4.98 (or \$3.98).

Sir Thomas has done it again! This master wizard has a way of breathing new life into old war horses and turning them into lively fillies. He did it not long ago with the Nutcracker Suite; now he has revivified the two suites from L'Arlésienne, imparting to his performances new transparency of sound - carried to its completion by the engineers - and wonderful intensity of feeling, especially in the Adagiesto of the First Suite. Only the Intermezzo and concluding Farandole of the Second Suite emerge with less than ideal treatment, the former because it is 100 fast, the latter because it is too heavy-footed. Elsewhere everything is a complete delight.

The Patrie Overture represents Bizet in a more forceful light; orchestrally he makes his biggest noise here, a trifle pompous but often stirring. Beecham plays this music to the hilt, making of it the intensely patriotic,

Continued on page 70

HIGH FIDELITY MAGAZINE

for those who respond to the sound of perfection..



# LIVING PRESENCE

sets the standard in recorded music



SPECIAL DELUXE GIFT ALBUMS:

TCHAIKOVSKY THE SLEEPING BEAUTY (COMPLETE BALLET). TEXT BY CYRIL BEAUMONT, DRAWINGS BY OLIVER MESSEL. OL 3-101. AVAILABLE IN SINGLE RECORDS ALSO, MG50064, MG50065, MG50066. MG50067, MINNEAPOLIS ORCHESTRA, DORATI

TCHAIKOVSKY SWAN LAKE (COMPLETE BALLET). TEXT BY WALTER TERRY, DRAWINGS BY CECIL BEATON. OL 3-102. AVAILABLE IN SINGLE RECORDS ALSO, MG50068, MG50069, MG50070, MINNEAPOLIS ORCHESTRA, DORATI

> TCHAIKOVSKY THE NUTCRACKER (COMPLETE BALLET). DELUXE PACKAGE. MINNEAPOLIS ORCHESTRA, DORATI

CHRISTMAS CAROLS IN HI-FI. CARLOS SALZEDO. HARP. MG50116

#### NEW RECORD RELEASES:

OFFENBACH GAITÉ PARISIENNE: STRAUSS GRADUATION BALL. MINNEAPOLIS ORCHESTRA. DORATI. MG50152

BARBER SYMPHONY NO. 1: OVERTURE TO "THE SCHOOL FOR SCANDAL"; ADAGIO FOR STRINGS; ESSAY FOR ORCHESTRA. EASTMAN-ROCHESTER ORCHESTRA, HANSON. MGB0148

> ROSSINI OVERTURES. LA GAZZA LADRA: LA SCALA DI SETA; LA CENERENTOLA: BARBER OF SEVILLE: L'ITALIANA IN ALGERI: IL SIGNOR BRUSCHINO. MINNEAPOLIS ORCHESTRA, DORATI, MG50139

HANSON SONG OF DEMOCRACY; ELEGY; LANE FOUR SONGS. EASTMAN-ROCHESTER ORCHESTRA. EASTMAN SCHOOL OF MUSIC CHORUS, HANSON. MG50150

MENDELSSOHN SYMPHONY NO. 3 IN A MINOR("SCOTCH"); FINGAL'S CAVE OVERTURE. LONDON SYMPHONY, DORATI. MG50123

SCHUMANN SYMPHONY NO. 3 IN E-FLAT ("RHENISH"). DETROIT ORCHESTRA, PARAY, MG50133



nationalistic affair it was meant to be, yet all the while enunciating every passage with the utmost clarity.

No more satisfying performances of either the suites or the overture will be found on discs. P.A.

BOCCHERINI: Quintets: Album 4: in C minor, Op. 18, No. 1; in F, Op. 13, No. 3

Quintetto Boccherini. ANGEL 45009. 12-in. \$3.98.

Two more of the astonishingly rich quintets in this fine series. The F major, in which two very fast and playful movements enclose a tragic Largo and a minuet full of sadness, is especially engrossing. As in all the other discs in the series, performance and recording are first-class. N.B.

COWELL: Persian Set

+Harrison: Suite for Violin, Piano, and Small Orchestra

Anahid Ajemian, violin; Maro Ajemian,

#### piano (in the Harrison); Chamber orchestra, Leopold Stokowski, cond. COMPOSERS RECORDING CRI 114, 12-in.

S4.98.

Last year the State Department and the Rockefeller Foundation sent Henry Cowell around the world on a trip intended to establish two-way contacts with musicians in the Orient. The Persian Set is the first in a series of works to embody Cowell's observations; it is a kind of ambassador's report in four delightful movements. No actual Iranian material is used, but Iranian modes and rhythmic patterns are explored so far as Western instruments are capable of exploring them. The result is immensely zestful and entertaining. East and West here come together in a thoroughly plausible style.

Oriental influences, notably those of the Indonesian gamelan, also are strong in Harrison's Suite, but this piece is not a musicoethnic study. All this composer's work conveys a special gusto, and nowhere is that delight in making music more brilliantly expressed than in the suite recorded here.

## An Infancy of Sweetness and Serenity

THE Paris audience that heard Berlioz's The Infant Christ for the first time on December 10, 1854, was completely and pleasantly startled that the man who had been writing outrageously loud and spectacular music for so long suddenly could create something of such quiet beauty. Though the composer resented somewhat this presumption of surprise, declaring that the public had overlooked the many quiet passages he had written previously, he must have been a little surprised himself. This was his first and was to be his only work on a Biblical subject, and it all grew out of a few sketches dashed off in a friend's autograph album. By the time he was through, it had grown into a three-part oratorio, a musical interpretation of Herod's Dream, The Flight into Egypt, and The Arrival at Sais, for which Berlioz wrote his own text, a variation of the Gospel according to St. Matthew.

A mood of quiet mysticism pervades the entire score, yet Berlioz the dramatist is active all the time, setting a new scene with the subtlest changes of style. As is the case in La Damnation de Faust, as widely different a work as could come from the pen of the same composer, the scenic and dramatic effects evoked by the music alune are far more vivid than any which could be reproduced on the stage.

Munch, whose interpretations of Berlioz probably surpass anything else he does, has here another exquisite performance to his credit. He has managed to capture every bit of drama and tenderness in the score, and he has done it all gently, delicately, and smoothly. He has a quarter of superior soloists whose approach is thoroughly French, and he never allows the orchestra or chorus to rise above a mezzo forte. Among the high spots in this distinguished performance, reproduced with equal sensitivity, are the duet for Mary and Joseph at the end of Part I, sung by Florence Kopleff and Gerard Souzay, followed by the mysteriously beautiful off-stage chorus of an-



Hector Berlioz

gels; the trio of the Ishmaelite children, charmingly played by flutists Doriot Anthony Dwyer and James Pappoutsakis and harpist Bernard Zighera; and the final choral "Amen," which ends in a mere whisper.

The Cluytens recording for Vox was not at hand for comparison, but Scherman's reasonably good job on Columbia, issued three years ago, actually sounded coarse after the ethereal delicacy of the new set. In short, this latest addition to the growing Munch-Berlioz discography is most enthusiastically recommended. PAUL AFFELDER

#### BERLIOZ: L'Enfance du Christ, Op. 25

Florence Kopleff, contralto; Cesare Valletti, tenor; Gerard Souzay, baritone; Giorgio Tozzi, basso; New England Conservatory Chorus; Boston Symphony Orchestra, Charles Munch, cond.

RCA VICTOR LM 6053. Two 12-in. \$7.96.

The performances of both works are first rate, and so are the recordings. A.F.

#### DEBUSSY: La Mer

+Ravel: Dapbnis et Chloë: Symphonic Suite No. 2

Los Angeles Philharmonic Urchestra, Erich Leinsdorf, cond.

CAPITOL P 8395. 12-in. \$3.98.

This disc contains the twelfth version of both these works in the current record lists. The Debussy is very good, sensitively and vigorously performed, and well recorded, but Monteux's interpretation on RCA Victor remains the most authoritative. As to the Ravel, there is no point in attempting a rating. Everybody plays this suite well; there has never been a bad recorded performance of it by a professional conductor and a well-drilled orchestra. A.F.

#### FRANCK: Three Chorals; Pièce héroique, in B minor

Edouard Commette, organ.

ANGEL 35369. 12-in. \$4.98 (or \$3.98).

Commette plays these, four of Franck's finest works for the organ, in the grand manner. His interpretations are eminently sincere and reverent; if their sound is a trifle grandiose and theatrical, especially in the Chorals, it may be due to the unusually long reverberation period in the Cathedral of Saint Jean in Lyon, where Commette has served as organist for more than half a century. That the music emerges with so much clarity and nobility is a distinct credit to organist and recording engineers alike. I still have a slight preference for Jeanne Demessieux's lucid, introspective version of the Chorals (London), but the present disc merits a high rank. P.A.

#### GESUALDO: Madrigals (6) - See Marenzio: Madrigals (6).

GLANVILLE-HICKS: Concerto Romantico

tRichter: Aria and Toccata

+Weber: Rapsodie Concertante

Walter Trampler, viola; M-G-M Orchestra, Carlos Surinach, cond. (in the Glanville-Hicks and Richter); Arthur Winograd, cond. (in the Weber). M-G-M E 3559. t2-in. \$3.98.

Three pieces for viola and orchestra, all of them commissioned by M-G-M Records.

There is much fun to be had in comparing the composers' notes on two of these works. Miss Glanville-Hicks titles her composition *Concerto Romantico*, defines romanticism in terms of "the personal expressive urge," and relates this in her case to a dislike of dissonance and a distrust of compositional systems. Weber's piece, on the other hand, is in the twelve-tone idiom and therefore employs a "system." Like most twelve-tone music, it is completely dissonant from one end to the other — but Weber begins his notes on the other romantic and expressive content." One gathers that murually exclusive techniques can attain the same or similar ends.

Miss Glanville-Hicks' concerto takes as its point of departure the rich, autumnal

Continued on page 74




Make it a Hi-Fi Holiday for yourself and everyone else with the most entertaining presents anyone can give or get—Broadway shows, classics, jazz, mood music, dance music, history, famous personalities, The Sound of Genius—run right down to your record shop and buy yourself an armload!



### HOLIDAY FUN FOR THE YOUNG IN HEART

### WARM-

Johnny Mathis, Percy Faith, CL 1078 \$3.98

LES and LARRY ELGART and their orchestra. CL 1052 \$3.98

THE BEAT OF MY HEART-Tony Bennett. CL 1079 \$3,98

SKI TRAILS—Jo Stafford, Paul Weston, The Norman Luboff Choir and The Starlighters. CL 910 \$3,98

ROCKIN'-Frankie Laine, Paul Weston. CL 975 \$3.98

THE PARTY'S OVER-Polly Bergen. CL 1031 \$3.98

'S MARVELOUS — Ray Conniff and his orchestra. CL 1074 (specially priced for December only)

BREAD, LOVE AND CHA CHA CHA-Xavier Cugat and his orchestra. CL 1016 \$3.98



### HOLIDAY FUN FOR CHILDREN

CLOONEY-NUMES-Rosanaly Clochey CL 969 53 98

PROKOPLEV: Petersand the Wolf (Cyrik Ritchard, harrator); BRITTEN: The Young Person's Guide to the Orchestra-The Philadelphia Orchestra, Eugene Ormandy, cond ML 5183 \$3.98

MICKEN ROONEY TO RINGCOMIC CHIC

A FIRST CHRISTMAS, RECORD #OR CIVEDREN - Gene Autry, Rosemany Clooney, Bud Wes, Bob Keeshan (Captain Kangaroo) and others. CL 1027 \$3,98

HAPPY INSTRUMENTS CL 1026 53:98

THE LITTLE STAB OF BETHLEHEME STOP by Paul THOP, Music by George Kleinsinger. THE TOY BOX (BALE Suite -Music by Kleightfiel. CL 1045 \$3.38



# 

### HOLIDAY FUN FOR JAZZ BUFFS

SATCHMO THE GREAT—from the sound track of "Satchmo The Great," released through United Artists, starring Louis Armstrong and Edward R Murrow with Leonard Bernstein CL 1077 \$3.98

SUCH SWEET THUNDER-Duke Ellington. CL 1033 \$3.98

JAZZ GOES TO JUNIOR COLLEGE—The Dave Brubeck Quartet. CL 1034 \$3.98

OTHER VOICES—Erroll Garner, Mitch Miller. CL 1014

MILES AHEAD — Miles Davis CL 1041 \$3.98

# GIVE HOLIDAY FUN TO EVERY



### HOLIDAY FUN FOR CONCERTGOERS

HANDEL: Messiah—Leonard Bernstein conducting the New York Philharmonic, soloists and the Westminster Choir. M2L-242 \$7.98

BEETHOVEN: Symphony No. 9 in D Minor ("Choral")— Bruno Walter conducting the New York Philharmonic, soloists and the Westminster Choir. ML 5200 \$3:98

BEETHOVEN: Sonata No. 14 in C-Sharp Minor ("Moonlight"); Sonata No. 8 in C Minor ("Pathétique"): Sonata No. 23 in F Minor ("Appassionata")— Rudolf Serkin, pianist. ML 5164 \$3.98

TCHAIKOVSKY: The Swan Lake —ballet—The Philadelphia Orchestra, Eugene Ormandy, cond. ML 5201 \$3.98

TCHAIKOVSKY: Serenade in C Major for String Orchestra, also works of Borodin, Samuel Barber and Vaughan Williams—The Strings of the Philadelphia Orchestra, Eugene Ormandy, cond. ML 5187 \$3.98



### HOLIDAY FUN FOR THE MAN WHO HAS EVERYTHING

THE COLUMBIA ALBUM OF GEORGE GERSHWIN—Percy Faith and his orchestra. C2L-1 \$7.98

THE COLUMBIA ALBUM OF JEROME KERN—Paul Weston and his orchestra. C2L-2 \$7.98

THE COLUMBIA ALBUM OF RICHARD RODGERS—Andre Kostelanetz and his orchestra C2L-3 \$7.98

THE COLUMBIA ALBUM OF COLE PORTER—Michel Legrand and his orchestra. C2L-4 \$7.98

THE COLUMBIA ALBUM OF POPULAR MUSIC (one handsome package containing the above four 2-record sets) CX1 \$31.92

THE PAJAMA GAME-Music from the sound track of the Warner Bros. picture starring Doris Day, John Raitt and others. OL 5210 \$4.98

THE CONFEDERACY DL-220 \$10.00

THE UNION DL-224 \$10.00

(authentic music of the Civil War—each deluxe album contains a fascinating, illustrated booklet.)

THE GREATEST MOMENTS IN SPORTS-KL 5000 \$5.98

I CAN HEAR IT NOW-Winston Churchill (ed. by Edward R. Murrow and Fred W. Friendly) KL 5066 \$5.98.



# HOLIDAY FUN FOR ANYONE

SONGS OF CHRISTMAS-The Norman Luboff Choir. CL 926 \$3.98

TO. I WANT TO WISH YOU A MERRY CHRISTMAS FROM SAMMY KAYE and his orchestra CL. 1035 \$3.98

MUSIC OF CHRISTMAS— Percy Faith and his orchestra. CL 588 \$3.98

JIMMY DEAN'S HOUR OF PRAYER, CL 1025 \$3.98

CHRISTMAS DREAMING-Frånk Sinatra. CL 1032 \$3.98

THE MORMON TABERNACLE CHOIR SINGS CHRISTMAS CAROLS- The Mormon Tabernacle Choir of Salt Lake City, J. Spencer Cornwall, director. ML 5222 (specially priced during December only)

THE CHRISTMAS MOOD-The Columbia Choir and the Columbia Brass Ensemble. CL 1051 \$3.98

1. S. Claus 2. Jo Stafford 3. Frankle Laine 4. Tony Bannett 5. Johnny Mathis 6. Rosemary Clooney Mickey Rooney Louis Armstrong and Leonard Bernstein **Duke Ellington** Dave Brubeck 10. Erroll Garner Bruno Walter Eugene Ormandy and Rudolf Serkin 13. Edward R. Murrow Percy Faith 16. Doris Day Sammy Kaye Jimmy Dean 19. Judy Holliday 20. Julie Andrews and Rex Harrison 21. Peter Palmer and Stubby Kaye

"LISTEN IN DEPTH" ON COLUMBIA PHONOGRAPHS

NE ON COLUMBIA RECORDS

www.americ



### HOLIDAY FUN FOR BROADWAY FIRST-NIGHTERS

MY FAIR LADY-Rex Harrison, Julie Andrews and original Broadway cast. OL 5090 \$4.98

WEST SIDE STORY—Carol Lawrence, Larry Kert, Chita Rivera and original Broadway cast. OL 5230 \$4.98

THE MOST HAPPY FELLA-Robert Weede, Jo Sullivan and original Broadway cast. OL 5118 \$4.98

LI'L ABNER—Edith Adams, Peter Palmer, Stubby Kaye and original Broadway cast. OL 5150 \$4.98

BELLS ARE RINGING-Judy Holliday, Sydney Chaplin and original Broadway cast. OL 5170 \$4.98

SIMPLY HEAVENLY—Claudia McNeil, Melvin Stewart and original Broadway cast. OL 5240 \$4.98

A Division of CBS @ "Columbia" @ Marcas Reg. Prices are suggested list.

### Continued from page 70

color of the viola, and it leads her to create a work of a highly felicitous and attractive kind. The slow movement is especially beautiful, but the whole score is notable for its melodic and coloristic invention and its skillful marshaling of all its materials.

Weber's Rapsodie Concertante combines the lacy, open texture of the rwelve-tone tradition with a firm, long, lyric line in the solo part. There is a certain austerity about the piece; it does not give itself at once, as does the Concerto Romantico, and for this reason one probably will return to it more often.

Miss Richter's short Aria and Toccata comes without benefit of comment by the composer. It is especially noteworthy for its toccata, wherein viola and orchestra indulge in a strenuous, exciting free-for-all, and everybody wins.

Trampler plays gorgeously, and he is well seconded by the conductors, the orchestra, and the recording engineers. A.F.

### GRIEG: Quartet for Strings, in G minor, Op. 27.

+Sibelius: Quartet for Strings, in D minor, Op. 56 ("Voces Intimae")

### Budapest String Quarter. COLUMBIA ML 5202. 12-in. \$3.98.

The Grieg Quartet is full of Norwegian folk idiom, and even has passages that recall peasant dances. It is closely bound together by a "motto," which occurs at the very opening, and all of its themes are warm, romantic, and singnble. Not so the Sibelius. Like the late Finnish master's symphonies and tone poems, it is relatively somber, and speaks of nature and the barren Northland rather than of people and dancing. This, however, is not to imply that it is unapproachable by the average listener; on the contrary, it is one of Sibelius' most luminously logical compositions; its thematic statement and development are far more orthodox than those in many of his orchestral works.

No ensemble before the public roday is better suited than the Budapest Quartet to perform these works, though the Guilets did tather handsomely by the Grieg a few years ago for M-G-M. The Sibelius, in particular, sounds as if it belongs to the Budapest musicians. It is a most difficult work to play, especially in its numerous unison passages, and it is here accorded an interpretation that borh probes and moves deeply. The two quartets were recorded in the acoustically ideal chamber-music hall of the

# The Creativity of a Lively Octogenarian

WE are not astounded when an octogenarian conductor gives us a superlative interpretation: the brain still learns as it ages. With instrumental performers there is a difference. Even so magnificent a pianist as Moritz Rosenthal had great difficulty in playing all the notes when he was seventy-eight. But here is Ernö — or Ernst von — Dohnányi, who was eighty last July, dashing through two of his own works with the technique and tone of a man half his age.

age. To imply that Dohnányi now is the dazzling pianist he was in the Twenties would be more than misleading. Nevertheless, it was only four years ago that I heard him play the first New York performance of the Second Concerto with Leoo Barzin and the National Orchestral Association. The experience was unforgetrable. A wiry figure with flashing eyes strode onto the stage and protecded to give a truly virtuosic performance of a virtuoso's concerto with flawless technique and a tone big enough practically to drown out the orchestra.

Dohnányi's presentation here of both the amusing Variations and the tuneful. showy, but well-constructed Concerto again needs no apologies. His interpretation is forceful, often very brilliant; and if occasionally a run lacks smoothness or there is a rhythmic imbalance between soloist and orchestra, these lapses are relatively unimportant in the glowing light of the whole. As to the music itself, the concerto, composed in 1946, is fairly modern without being conremporary in feeling, and one hears in it echoes not only of earlier Dohnanyi - the final fugal section is reminiscent of the finale of the Variations-but also of Brahms, Tchaikovsky, Bartók, and Kodály. Boult makes no condescensions in his full-bodied accompaniments, which set off

the solo passages admirably. Any possible complaint could be only that the reproduction of the piano tone might have been a bit more faithful. Simply as an almost unbelievable document of a fascinating artist who, at eighty, is still very much alive and youthful in his approach to music, this record is worth owning. Standing on its own metics, creative and re-creative, it can well hold its own against competition.

PAUL AFFELDER

DOHNANYI: Concerto for Piano and Orchestra, No. 2, in B minor, Op. 42; Variations on a Nursery Song, Op. 25

Etnö Dohnányi, piano; Royal Philharmonic Orchestra, Sir Adrian Boult, cond. ANGEL 35538. 12-in. \$4.98 (or \$3.98).



Ernö Dobnányi

Library of Congress on the Stradivarius instruments from the Gertrude Clarke Whitall Foundation's collection, and the sonic results are most felicitous. Altogether, a most happy union of music, musicians, and instruments. P.A.

### HANDEL: Messiah

Adele Addison, soprano; Russell Oberlin, countertenor; David Lloyd, tenor; William Warfield, baritone; Westminster Choir; New York Philharmonic Orchestra, Leonard Bernstein, cond.

COLUMBIA M2L 242. Two 12-in. \$7.96.

Almost everybody who has had to direct a performance of the Messiah has tinkered with the score, from Handel himself down. The various manuscript versions that survive from Handel's time disagree in important respects, and even some of the specialists are nor sure what should be retained in a "definitive" version. As for the orchestration, good arguments can be found against practically any solution to that problem so far presented, including Mozart's.

Mr. Bernstein, therefore, was on firm quicksand, so to speak, when he decided to do some rearranging too. I do not recall having encountered elsewhere so drastic a chaoge, however. As he explains in the notes, the conductor has reasoned that the second half of Patt II, being "joyful" in spirit, belongs with Part I, the Christmas section; and the first half of Part II, dealing with rejection and suffering, belongs with Part III, the Easter section. He has therefore split Part II between the other two parts. While he has done this very carefully, with an eye to maintaining Handelian key-relationships, the big difficulty (if you have no basic objection to the telescoping of Handel's three parts into two) is that much of the material transferted from Part II to Part I, while lively, is not really joyful. It is hard to see what move-ments like "Why do the nations so furi-ously rage" and "Let us break their bonds asunder" — not to mention the aria "Thou shalt break them with a rod of iron". are doing in a Part that is supposed to extol the Prince of Peace.

Like many Messiah performances, this one has its good points and others that seem less laudable. Foremost among the former is the vitality of Bernstein's general ap-proach. This is no stuffed-shirt, drearily "correct" reading. Sometimes, indeed, as in the Pastoral Symphony, it is perhaps too intensely expressive, but this does not seem as important as the fact that the soloists and chorus are imbued with controlled fervor and sing their lines as though they meant them. Outstanding among the soloists, to these ears, are Russell Oherlin and William Warfield. Oberlin's countertenor seems extraordinarily right in this music, and Warfield's intelligence and innate musicality always seem to triumph over any technical limitations his voice may have. Miss Addison's voice has an attractive and pure quality, and aside from an uncertain moment in "I know that my Redcemer liveth" she uses it well. Lloyd's breath control is equal to Handel's longest phrases, but there is a slight but pervading un-

Continued on page 76



# "First Strings" in a Collector's Collection

Each of the four albums above is a new solo string performance by one of the world's foremost artists. They could well become the "First Strings" in your collection. Because, rarely, if ever, will you hear their equal.

In MILSTEIN VIGNETTES, the famed Milstein violin soars from the baroque beauty of Bach's Air to the richly romantic Tchaikovsky Melodie. It also captures, in a single album, the brilliance of Wienjawski, the poetry of Falla, the sheer melody of Schumann's Träumerei.

Sparked by the enormous talent of such masters as Segovia and Almeida, the classic Spanish guitar has been newly discovered. In THE NEW WORLD OF THE GUITAR, Almeida furnishes a glimpse of the guitar's exciting future with selections by contemporary composers.

In POUR LA HARPE, the famed harpist Marcel Grandjany has chosen works from the French, chiefly Debussy and Ravel. In the unsurpassed realism of this "FDS" recording you'll rediscover the magnificent sounds of the solo harp.

William Primrose is the unchallenged master of the viola. In Bloch's bittersweet SUITE FOR VIOLA, considered to be the finest work for viola in musical literature, he paints a dark-hued portrait of astonishing beauty.

For any collection, a new set of "First Strings."

Incomparable High Fidelity - Full Dimensional Sound Albums



steadiness. This is not one of the Westminster Choir's greatest triumphs. The tenors and altos are weak, and the former tend in momenus of stress, as in "Lift up your heads," to become shouty. N.B.

HARRISON: Suite for Violin, Piano, and Small Orchestra — See Cowell: Persian Set.

HAYDN: Symphony No. 96, in D ("Miracle")

+Mozart: Symphony No. 35, in D, K. 385 ("Haffner")

Detroit Symphony Orchestra, Paul Paray, cond.

MERCURY MG 50129. 12-in. \$3.98.

The orchestra sounds rather large for this music, but it is quite flexible and on the whole well balanced (though the flure is weak in one or two spots in the Haydn). The general treatment of both works is elegant, and combines warmth with precision. If other conductors have pulled Haydn's rabbits out of the hat with greater éclar in that master's tricky finale, Paray does full justice to the Beethovenian intensity of the Minore in the slow movement. In both works there is in the violin sound a slight coarseness, not generally characteristic in recordings by this orches-N.B. tra.

### HAYDN: Sympbony No. 101, in D ("Clock") — See Wagnet: Lohengrin: Preludes to Acts I and III; Götterdämmerung: Dawn; Siegfried's Rhine Journey.

### HAYDN: Trios (6) for Flute, Violin, and Viola, Op. 36, Nos. 1-6

Poul Birkelund, flute; Arne Katecki, violin; Alf Petersen, cello.

VANGUARD VRS 1008. 12-in. \$4.98.

The fact that there's a lot of prime quality Haydn still to be recorded is well documented by this première microgroove edition of six exquisite miniatures from his chamber music. Written in the 1780s as the transfiguration of dinner music for wealthy Austrians, these trios (or divertimentos) run through as wide a range of content as any but the final symphonies, sometimes moving from parhos to the familiar Haydn humor in the space of a half dozen bars. It's not likely that you know these works, and you'll enjoy them if you do. This edition seems an ideal introduction. R.C.M.

HINDEMITH: Sonata for Violin and Piano, in E flat, Op. 11, No. 1 — See Bach: Concerto for Two Violins and Orchestra, in D minor, S. 1043.

### JOLIVET: Concerto for Ondes Martenot and Orchestra; Concerto for Harp and Chamber Orchestra

Ginette Martenor, ondes Martenor; Lily Laskine, harp; Orchestre du Théâtre National de l'Opéra, André Jolivet, cond. WESTMINSTER XWN 18360. 12-in. \$3.98.

"Was not feat of silence the human motive for the birth of music?" asks André Jolivet in notes printed on the sleeve of this record. The answer is "Perhaps," but one thing is certain: anyone who has heard both these concerros need never fear silence again. A.F.



Kreisler: Druian captured the style.

### KREISLER: "Kreisler Favorites"

Praeludium and Allegro; Chanson Louis XIII and Pavane; Menuet; La Précieuse; Andantino; Sicilienne and Rigaudon; Caprice Viennois; The Old Refrain; Schön Rosmarin; Liebesleid; Midnight Bells; Liebesfrend; Tambourin Chinois.

Rafael Druian, violin; John Simms, piano. MERCURY MG 50719. 12-in. \$3.98.

This collection is divided into two parts. The first side is devoted to six of Kreisler's 'great deceptions," pieces in the seventeenth- and eighteenth-century- style which he originally attributed to such composers as Pugnani, Couperin, Martini, and Francoeur, only to admit some twenty years ago that he had written them all himself. The seven remaining works are old Kreisler favorites, mostly in the Viennese tradition. In these performances Druian attempts with considerable success to capture the style that Kreisler himself employed. His tone is rich and silken, and his phrasing, especially in the pseudobaroque pieces, has great breadth and flexibility. Simms's accompaniments are tasteful, and the reproducrion is faithful and admirably balanced. P.A.

LASSUS: Missa VIII toni ("Puisque j'ai perdu"); Latin Motets (8)

Aachener Domsingkoaben and Domchor, Theodor B. Rehmann, cond. ARCHIVE ARC 3077. 12-in. \$5.98.

### LASSUS: Neue teutsche Lieder; Chansons, Madrigals. Villanelle

Singgemeinschaft Rudolf Lamy, Rudolf Lamy, cond.

ARCHIVE ARC 3076. 12-in. \$5.98.

While both Lassus and Palestrina excelled in sacred music, Lassus, unlike his Italian colleague, also was intensively concerned with secular music. Although he worked for most of his mature life in Munich, he was as at home in French chansons and Italian madrigals as he was in German lieder. ARC 3076 presents a splendid collection of ten German songs, seven French ones, two madrigals, two villanelle, and two miscellaneous Italian works. The lieder are mostly comic or drinking songs, set by Lassus with a good deal of relish; no matter how trivial the texts may be the music is always shaped with the skill and ingenuity of a master. The chansons are, as might be expected, love songs, and include the affecting Je l'ayme bien and the charming little Scais tu dire l'avé? The performances are, on the whole, first-class. Mr. Lamy's ensemble sings with style and precision, with good intonation, a pleasant tone, and a wide range of dynamics. Its enunciation of the text is not quite as good in French and Italian as in German (the ensemble records in Munich), but it is entirely acceptable.

It is in his morets, however, that Lassus is most impressive. Every one of those included on ARC 3077 (Tristis est anima mea: Justorum animae: Venite al me omnes; Miserere mei, Domine: Domine convertere; Improperium expectavit; Super flumina Bahylonis; Tui sunt coeli) is a magnificent work. The chorus here, performing in the Cathedral at Aachen, is considerably larger than Lamy's. Its intonation is not always impeccable. There is an effect of cathedral spaciousness, which is achieved at the expense of some clarity in the polyphony. The tempos are not always convincing: sections of the Tristis est anima mee, for example, seem a little fast. Nevertheless, it is better to have the previously uprecorded motors in less than perfect performances than nor to have them at all. The Mass is one of the finer ones by Lassus, but with some fifty of his Masses not yet recorded, it seems too bad that Archive should have picked the one already on discs. Aside from a tagged attack on the Et resurrexit, it is adequately sung. Original texts and English translations are supplied for both discs. N.B.

### LISZT: Piano Music

Mophisto Waltz No. 1; Jeux d'eaux à la Villa d'Este; Valse oubliée No. 1; Polonaise from Eugene Onegin; Rapsodie Espagnole; Valse impromptu; Gnomenreigen; Grand galop chromatique.

Gyorgy Cziffra, piano.

ANGEL 35528. 12-in. \$4.98 (or \$3.98).

Cziffra's one previous disc was devoted to Liszt works for piano and orchestra. Now we can get an idea of him as a soloist. He is an interesting, rather anarchistic planist. Personality he has, but also a lack of musical discipline. He seldom maintains a steady rhythmic pulse, speeding up and slowing down to suir himself. In his rush to get on with the matter at hand he completcly ignores rests marked into the music (as in the Mephisto Waltz, where he passes over a three-measure hold). Textual purity does not seem to mean much to him; he plays a heavily doctored-up Rhapsodie Espagnole, presumably his own revision, and elsewhere also he rouches up the music a bit. Often the playing is jerky, and never is it particularly subrle. Yet with his virruoso instincts and his massive type of tonal production, Cziffra can be exciting in a

Continued on page 78

HIGH FIDELITY MAGAZINE

# Great to give, great to get, great ! hi-fi DECCA RECORDS



"Here's a veritable U. N. of sparkling Christmas carols by the Svend Saaby Choir, from 11 different countries: England, Germany, Italy, France and many more. Great gift!" DL 8204\*

"I'm spending my Christmas on the Rhine . . hearing heartwarming carols sung in German . . . superb spirit of universality here . . . I bought 3 for gifts. Nice to get, tool " DL 8388\*



\*THESE I LIKE... LEROY ANDERSON'S OWN SPECIAL ARRANGEMENTS OF BRIGHT CAROLS LIKE 'WE THREE KINGS,' WASSAIL SONG,' 'I SAW THREE SHIPS,' ETC. CHRISTMAS FUNI\* DL 8193

\*Recorded by Deutsche Grammophon-Polydor® Serles



"Mirabile dictu ... born 300 years too late ... but this Christmas I can hear 'Music of the Medieval Court and Countryside' ... the New York Pro Musica captures the fascinating flavor." DL 9400 "This is the Christmas present with the fabulous future: 'A Christmas Sing With Bing'\*\*.... He's your musical passport to carols sung by choirs famous the world over." DL 8419

\* 1Be sure to hear the Christmas Sing with Bing Show on CBS-Radlo, Tuesday, December 24, 1957

RECORDS

DECEMBER 1957

Billy Graham-ish sort of way. He is a pianist easy to find fault with and somewhat harder to dismiss. For despite all the things that will not pass muster, he has a big sweep and a grand style, and he manages to make the music exciting.

His choice of repertoire on this disc is interesting. The Eugene Onegin transcription and the Grand galop cbromatique appear to be first recordings. The latter was one of Liszt's big showpieces in his youth, intended épaser le bourgeois, which it did. It is a terrible piece of music - and ever so much fun. Joux d'eaux is the prototype of all "fountain pieces," Debussy and Ravel included, and is one of Liszt's most impressionistic piano works. The Valse oubliée, Gnomenreigen, and Mephisto Waltz are, of course, standard concert-hall offerings; the salonlike Valse impromptu used to be, but has fallen from favor in recent years, to the regret of nobody but old Lisztians like H.C.S. me.

LORA: Concerto for Piano and Orchestra

+Weiss: Theme and Variations for Orchestra

Eva Wollman, piano (in the Lora); Vienna Orchestra, F. Charles Adler, cond.

COMPOSERS RECORDINGS CRI 113. 12-ja. \$4.98.

The American composers Antonio Lora and Adolph Weiss make their debuts on discs with this release. The Lora is a runeful, old-fashioned, grand-style concerto that says little not to be found in the concertos of Schumann, Grieg, and Tchaikovsky, but it rehearses its influences with skill and point. Its performance, at least so far as the solo is concerned, is very brilliant, but the recording is brash and tinny.

Weiss is a pupil of Schoenberg and a master of the twelve-tone style. His Theme and Variations are connected, in their general emotional tenor, with Whitman's When Lilacs Last in the Dooryard Bloomed, and they provide a fitting musical commentary on that greatest of American elegies. I know of no American twelve-tone piece, at least on records, that is as moving and eloquent as this. Adler's performance provides a fine effect. Recorded sound could be better, but since this is the only disc version of the music we should be grateful for it. A.F.

MARENZIO: Madrigals (6) †Gesualdo: Madrigals (6)

Singgemeinschaft Rudolf Lamy, Rudolf Lamy, cond.

ARCHIVE ARC 3073. 12-in. \$5.98.

The Marenzio pieces are all gems, but at least three of them are absolute masterpieces, by any scandards. The lovely grace of line in Vezzoii augalli, the poetic intensity of Abi, dispitate morte, and the heavenly tranquillity of Scalad'il sol are some of the qualities that render these Renaissance pieces as soul-satisfying as the finest lyric poems or the most beautiful small paintings of their time. With Mareozio's contemporary, Gesualdo, the situation is somewhat different. The chromaticism in this death-haunted composer can be very moving, but there are passages where his progressions startle but do not convince. Some listeners prefer madrigals done with only one singer on a part. I thought I did, too, until Mr. Lamy's group of twentyfout to thirty-two singers came along and proved that an ensemble of that size can be thoroughly enjoyable — provided that it has the flexibility of this group and that its tone, inconation, and balance are as fine. The Italian texts and English translation are provided. N.B.

### MESSIAEN: Vingt Regards sur l'Enfant-Jésus

Yvonne Loriod, piano.

WESTMINSTER XWN 18469/70. Two 12in. \$3.98 each.

The music of Olivier Messiaen always sounds exactly like the literary texts from which it takes its inspiration. Here he deals with "Contemplation of the Child-God of the Crib and the Glances which fall on Him, from the inexpressible Glance of God the Father to the multiple Glance of the Church of Joy, through the render Glance of the Virgin, then the Angels, the Wise Men, and the immaterial or symbolic creatures (Time, the Heights, Silence, the Star, the Cross)." The idea, we are told, comes from the writings of Don Columba Marmion and Maurice Toesca. Messiaen has added sixteen more Glances, partly inspired by "the songs of the birds, bells, spirals, stalactites, galaxies, photons," and "the texts of St. Thomas, St. John of the Cross, St. Theresa of Lisieux, the Gospels, and the Missal," in addition to the sources already mencioned. And so on. And on. And on. And on.

The performance presumably is altogether authoritative and the recording is excellent. A.F.

### MOZART: Concerto for Violin and Orchestra, No. 3, in G, K. 216

+Prokofiev: Concerto for Violin and Orchestra, No. 2, in G minor, Op. 63

Leonid Kogan, violin; Philharmonia Orchestra, Otto Ackermann, cond. (in the Mozart); London Symphony Orchestra, Basil Cameron, cond. (in the Prokofiev). ANGEL 35344. 12-in. \$4.98 (or \$3.98).

On a magic night in Carnegie Hall years ago the muted violins began the heavenly Adagio of the Mozart concerto over the murmuring pulsations of the middle strings, and then the solo violin took up the melody and poured forth its hushed, ecstatic reverie with an eloquence that transmuted all life, for the moment, into sheer poetry. It was Fritz Kreisler playing. Every performance of the work that I have heard since has had to face the competition of that vivid memory.

Mr. Kogan plays very well indeed. His only trouble is that he is no Fritz Kreisler — at least, not yet. Just the same, he does a first-class job with the Prokofiev, which is better recorded than was his performance of the same work with a Soviet orchestra. It is the orchestral contribution that is weak here, in the same sense that the soloist is permitted to outweigh the ensemble even when the latter's role is more important. It is not always clear what is theme and what is countermelody; and in the finale the muted trumpets are perfect gentlemen, commenting so discretely as to be practically inaudible when they should be snarling nastily. N.B.

MOZART: Quartets for Flute and Strings: in D, K. 285; in G, K. 285a; in C, K. 285b; in A, K. 298

Poul Birkelund, flute; Arne Karecki, violin; Herman Holm Anderson, viola; All Petersen, cello.

VANGUARD VRS 1006. 12-in. \$4.98.

Right on the heels of the excellent performance of these quarters by a Dutch ensemble for Epic comes the present equally satisfactory one by a Danish group. The quality of the flute playing, the balance among the iostruments, the recording isself, are fine in both editions. If the Vanguard has a slightly mellower tone in its favor, the Epic has the advantage of bands between movements. Otherwise, you can't go wrong with either disc. N.B.

### MOZART: Quintet for Strings, in C, K. 515

Amadeus Quartet; Cecil Aronwitz, second viola.

ANGEL 45020. 12-in. \$3.98.

This is in almost every respect a splendid performance. The tempos seem absolutely right, the ensemble is perfect, the balance excellent, the players employ imaginatively a wide range of dynamics. What, then, is wrong? Nothing, if you do not mind the tone of the first violin - a tone that is just a shade too sweet, that especially in sustained passages seems to hover about the pitch and seldom lands on it in dead center. Admittedly, this is a subjective reaction, and many listeners who do not find this type of tope objectionable would undoubtedly greatly enjoy this recording. One objective statement, however, must be made: the very fine secent recording of this quinter by the Budapests includes the G minor Quinter for the same price. N.B.

### MOZART: Sacred Music

Vesperae solennes de confessore, K. 339; Exsultate, jubilate, K. 165; Offertorium, K. 117.

Erna Berger, soprano; Marga Höffgen, cootralto; Horst Wilhelm, tenor; Ferdinand Frantz, bass; Choir of St. Hedwig's Cathedral (Berlin); Berlin Philharmonic Orchestra, Karl Porster, cond.

ANGEL 35409. 12-in. \$4.98 (or \$3.98).

A most welcome record, which gives us whole works instead of familiar snippets. We can now hear what surrounds the lovely Laudate Dominum in the Vespers, as well as what leads up - literally, without a break - to the famous Alleluia of K. 165. K. 339 contains some fine choruses, whose rococo dress covers some sinewy part-writing. It is fascinating to see with what assurance the twenty-four-year-old Mozart handles his choral masses, how skillfully he provides that each part shall have something of interest to sing. The other two works, which are considerably earlier, are less important, but the Exsultate, jubilate is still worth an occasional hearing. Erna Berger, the soloist in this motet for soprano and orchestra and in one movement of each

Continued on page 80



www.americanradiohistory.com

AFLP 1843 - \$5.95

of the other works, sings with her accustomed ease and skill, the chorus has an attractive tone and good balance, and the recording is excellent. N.B.

MOZART: Serenade No. 13, in G, K. 525 ("Eine kleine Nachtmusik") — See Beethoven: Symphony No. 5, in C minor, Op. 67.

MOZART: Symphony No. 35, in D, K. 385 ("Haffner") — See Haydn: Symphony No. 96, in D ("Miracle").

### ORFF: Carmina burana

Sylvia Stahlman, soprano; John Ferrante, tenor; Morley Meredith, baritone; Hartford Symphony Chorale, Hartford Symphony Orchestra, Frirz Mahler, cond. VANGUARD VRS 1007. 12-in. \$4.98.

When everything is calculated for immediate effect, nothing is left for ultimate effect. This is the tragedy of Carl Otff. and it explains why, after one has heard his Carmina burana numerous times, one feels no urgency to listen to the latest version. The performance by Mr. Mahler and his collaborators turns out to be remarkably fresh, however; they comp through these extravagantly tuneful settings of medieval poetry like a college glee club giving its first home concert after winning a prize. The satiric and ironic aspects of the score are not emphasized to the same degree as in the recorded versions of Jochum (Decca) and Sawallisch (Angel), but the interpretation has a most attractive youthful zest and energy. The sound is good, but by no means sensationally so. A.F.

### POULENC: Stabat Mater; Le Bal masqué

Jacqueline Brumaire, soprano; Chorale de l'Alauda; Orchestra de l'Association des Concerts Colonne, Louis Frémaux, cond. (in Stabat Mater). Pierre Bernac, baritone; Francis Poulenc, piano; Instrumental Ensemble of Orchestre du Théâtre National de l'Opéra, Louis Frémaux, cond. (in Le Bal masqué).

### WESTMINSTER XWN 18422. 12-in. \$3.98.

Le Bal marqué, composed in 1932, is one of the masterpieces of Poulenc's eatly style. It is a cantata in six short movements, three for the instruments alone, three for baritone and ensemble on surrealistic texts by Max Jacob. Not more than six instruments are employed, and they are handled in brilliant virtuoso style. The music reflects ragtime, popular songs, and "Parisian folk lore" in the approved tradicion established by The Six many yeats earlier, and Jacob's insouciant nonsense is set in a flamboyant, ironic, buffoonish manner much like that of Poulenc's notorious opera Les Mamelles de Tirésias.

The Stabat Mater, composed in 1950, is altogether different. It is still the work of a melodist, but light effects give way to massive ones, "Parisian folk lore" gives way to medieval polyphony and Bach, and complex rhythmis are superseded by a marching relentlessness which inspired the writer's wife to speak of Poulenc as a "firstbeat-of-the-measure man." If Le Bal masqué recalls Les Mamelles de Tirésias, the Stabat Mater looks forward even more srik-



Francis Poulenc

ingly to Poulenc's second opera, Les Dialogues des Carmélites.

The performance of Le Bal masqué is magnificent, that of the Stabat Mater very good, although Brumaire wobbles a bit in her solos. Both works have been splendidly recorded. A.F.

### PROKOFIEV: Cinderella, Op. 87

Covent Garden Orchestra, Hugo Rignold, cond.

RCA VICTOR LM 2135. 12-in. \$3.98.

*Cinderella* was a huge, lavish, full-evening ballet first performed at the Bolshoi Theater in 1945. It has been overshadowed by the earlier *Romeo and Juliet*; this is the first extensive selection from its score to be recorded and the only one recorded in the original orchestral setting. The style is light, as befits the subject, but very rich and subily tuneful; it sound like a kind of cross between *Romeo and Juliet* and *Peter and the Wolf.* Rignold's version is one that was cut by Frederick Ashton for the Royal Ballet. It is very nicely performed and beautifully recorded, A.F.

PROKOFIEV: Concerto for Violin and Orchestra, No. 2, in G minor, Op. 63 — See Mozart: Concerto for Violin and Orchestra, No. 3, in G, K. 216.

PROKOFIEV: Visions fugitives, Op. 22 - See Ravel: Gaspard de la nuil.

### **PUCCINI:** Tosca

Zinka Milanov (s), Tosca; Giovandi Bianchini (boy s), A Young Shepherd; Jussi Bjoerling (1), Cavarodossi; Mario Carlin (1), Spoletta; Leonard Warren (b), Scarpia; Fernando Corena (bs), Sacristan; Leonardo Monteale (bs), Angelotti; Nestore Catalani (bs), Sciarrone; Vincenzo Preziosa (bs), A Jailer; Chorus and Otchestra of the Rome Opera, Giuseppe Conca, chorus master, Erich Leinsdorf, cond.

RCA VICTOR LM 6052. Two 12-in. \$7.96.

If the latest recording of *Toica* becomes a classic, it will do so for having preserved a permanent image of Bjoerling's Cavarodossi, both the finest performance of that role on records and, at the same time, the best recording of Bjoerling's voice. This is no small matter; unfortunately, almost everything else abour the album, including, to my ear, the opera itself, is undistinguished.

Milanov and Warren have their splendid moments, but for the most part they produce lots of large, unfocused, shaky sound, unleavened by much dramatic perception. Corena is a disappointing Sacristan, and Carlin lets one of the juiciest small roles in the entire repertory get right by him. The rather surprising choice of Leinsdorf as conductor pays off in terms of a reading of precision, concentration, and power, but the price of these virtues is some stiff and unidiomatic phrasing. The Roman chorus and orchestra are excellent, and all the incidental shots and crowd noises are exceptionally well attended to.

All this still leaves Caniglia as the undisputed queen of Toscas (RCA Victor LCT 6004, now to be withdrawn); Gobbi's Scarpia (Angel) is likewise out of reach of all competition. There is something to be said for all the available versions, but even upon considering the Bjoerling marvel (and Gigli, Di Stefano, and Campora are, in quite another style, anything but second class), there is rather less to be said for this edition than for the others. C.M.S.

RAVEL: Daphnis et Chloë: Symphonic Snite No. 2 - See Debussy: La Mer.

RAVEL: Gaspard de la nuit †Prokofiev: Visions fugitives, Op. 22

André Tchaikowsky, piano. RCA VICTOR LM 2145. 12-in. \$3.98.

André Tchaikowsky, who made his American debut with the New York Philharmonic last October comes to this country as first medalist of the Paris Conservatoire (1950). a prizewinner in the 1956 Queen Elisabeth Competition in Brussels, and bearer of the seal of approval of Actur Rubinstein ("He is a wonderful musician"). Tchaikowsky is a Polish-born boy who escaped to Paris during the war, returned to Warsaw in 1945, and has recently started his concert career. This recording was made in Paris. I am not too happy with it, and could name a good dozen pianists in America alone who could do better work. On the basis of this disc, Tchaikowsky impresses me as a thumper who has a good way to go before he can assume the responsibilities of real artistry.

His is a muscular, hard style of playing that lacks repose; and while he seems to have a respectable technique, it is not really on a big order. In the Ravel cycle of three pieces, he plays Ondine as though it were bard water and fissionable. Ir would be cruel to compare his performance with Gieseking's; and yet a record is a permanent document that invites comparison of this sort. Tchaikowsky does not begin to show an equivalent feeling for color and nuance. He captures little of the mood of Le Gibet, and in the coacluding Scarbo he blithely ignores most of Ravel's carefully written dynamic indications. An especially glating instance concerns the long trill on C in the bass, about three-quarters through the work, where Ravel has written a triple planissimo which Tchaikowsky simply bangs out



A MIRACLE IN SOUND AWAITS YOU ON MERCURY STEREOPHONIC TAPES

Here's music for the few ... for the man who can *live* it. It offers a new horizon in listening ... an Everest of pleasure. His listening room becomes limitless, completely without bounds, to match his capacity to experience it. Mercury frees the performance, completely rolls away the confines of ordinary recording to bring music in space, in depth never before experienced.

New Mercury Stereophonic Tapes excite and satisfy the ear accustomed to the finest in high fidelity and add a new dimension to the ear getting acquainted with the wonders of full dimensional sound. It's the ultimate in gifts . . . worth receiving!

Mercury is first to offer a complete selection of stereophonic tapes . . . 22 exciting releases . . . by internationally famed artists and orchestras.

MERCURY LIVING PRESENCE "SEEING EAR" STEREOPHONIC TAPES (Classical) feature Antal Dorati-Minneapolis Symphony, Eugene List, Ychudi Menuhin, Howard Hanson-Eastman-Rochester Symphony, Paul Paray-Detroit Symphony, Sir John Barbirolli - Halle Orchestra - Robert Elmore at the organ and others.

MERCURY VERIFIED STEREOPHONIC TAPES (Popular and Jazz) feature Patti Page, Sarah Vaughan, Billy Eckstine, Pete Rugolo, Richard Hayman, Carl Stevens Circus Band, Griff Williams, Clebanoff Strings and others.

Write for valuable new booklet "A Miracle In Sound Awaits You!"... especially important for sound enthusiasts and high fidelity specialists.

MERCURY STEREOPHONIC TAPE RECORDINGS .... The Ultimate in Music Reproduction .... Now and Forever!

Mercury Records, Dept. T, 35 East Wacker Drive, Chicago 1, Illinois



### Continued from page 81

completely free from affectation. Furthermore she is capable of gerting a good deal of warm, round tone (at times) from her instrument. But there is something tencative, not to say scared, about her phrasing which does not inspire confidence. Perhaps the trouble is that her technical resources, which are very substantial (vide her recordings of the Bach unaccompanied violin sonatas), stand in her way in music as transparendy simple as this — which means, I suppose, that she is not yet a great violinist.

Her partner, Jean Antonierti, is a little too assertive. Alberti bases ought always to be played pianissimo, no matter what the score says. The recorded sound has a proseworthy depth and intimacy. D.J.

SCHUBERT: Symphonies: No. 2, in B flat; No. 6, in C

Bamberg Symphony, Marcel Couraud, cond. VOX PL 10240. 12-in. \$4.98.

If you are among those listeners who lump the first six Schubert symphonics together as "early and derivative" you are depriving yourself of some precious musical experiences. The First, for instance, as soon as it emerges from its Haydnesque slow introduction, speaks the Schubertian idiom with a clarity unmistakable. Each of the succeeding symphonies adds new glories to that idiom, but it was there, Pallas-like, full-formed from the beginning.

The Second Symphony is the greatest orchestral work ever written by a teen-ager - which says more than it appears to say if one thinks for a moment about Mendelssohn and Mozart (not to mention a host of others). There is no depth in it, no hint of sophisticated perspective. It has instead the naïve perfection, the unerring righmess of a Cimabue or a Sasserra. Even the bit of blatant brass-band music that breaks into the rollicking dance of the finale belongs, is part of the wonderful youthful scheme. The arrogant, gesturing minuer might have been written by Haydn if Haydn were Franz Schubert, and the five variations of the slow movement, each experimenting with different orchestral timbres, are miracles of form, color, and balance. The "Little C Major" is not so good a work, but it is much better than its maligners would have us believe. The notion that Schubert was trying here to capitalize on the Rossini vogue is sheer nonsense. The only alien element in the symphony is its scherzo, a remarkable (and highly successful) reworking of the scherzo from Beethoven's First Symphony.

Marcel Couraud, whom I had known before only as a vocal conductor, gives these works first-rate readings. His main concern is with clarity of detail. The strings' articulation is very clean and there is a fine balance between the orchestral choirs. He drives his mea unmercifully in the B flat symphony, but it's the way the work ought to go. To the Sixth he gives a suitable broadness and lyricism. Beecham's readings (No. 2 for Columbia, No. 6 for Angel) are more suave and he has a greater orchestra (the Royal Philharmonic). But somebow Coursud and the Bambergers come closer to the spirit of this music. The recorded sound is srunning. D.J.

### SCHUMANN: Lieder

Freisinn, Op. 25, No. 2; Schneeglöckchen, Op. 79, No. 26; Ständchen, Op. 36, No. 2; Venesianisches Lieder, Op. 25, Nos. 17, 18; Des Sennen Abschied, Op. 79, No. 22; Talismane, Op. 25, No. 8; Zwölf Gedichte, Op. 35: Lust der Sturmnacht; Stirb, Lieb und Freud; Wanderlied; Erstes Grün; Sehnsucht nach der Waldgegend; Auf das Trinkglas eines verstorbenen Freundes; Wanderung; Stille Liebe; Frage; Stille Tränen; Wer machte dich so krank?; Alte Laute.

Dietrich Fischer-Dieskau, baritone; Günther Weissenborn, piano.

DECCA DL 9935. 12-in. \$3.98.

Recording all the opus 35, twelve songs to poems by Justinus Kerner, was a happy idea, and I hope it establishes a precedent in future Schumann recitals. Schumann did not group his songs haphazardly into opus numbers; he intended them as artistic entities, to be sung in a carefully arranged order and without omissions. In a sense all of his lieder output consists of song cycles, from the first Liederkreis group (opus 24) to the Gedichte der Königin Maria Stuart (opus 142).

The Kerner songs — most of them discoveries for me — have a delicate relationship one with the other, a masterly shading from mood to mood which one rarely finds in a group of lieder left to the singer's own selection. The last five songs are especially closely related, from the piano postlude of *Stille Liebe* to the quiet close of the cycle. Their music is startlingly reminiscent of *Tristan*: indeed, *Stille Tränen* seems almost as much a study for the second act love music as Wagner's own *Träume*. It is a glorious song, but of formidable difficulty, opening out in one long swelling line that adds ardor upon ardor.

And Fischer-Dieskau's singing of Stille Tranen is characteristic of his singing chroughout this recital: a miracle of planning which yet appears all spontaneous and glowing. This fine artist takes a little getting used to, however. His frankly emotional, sometimes etratic approach to the art song is rather disconcerting, coming as it does from a baritone. One somehow associates his delicacy of perception and flexibility of vocal coloring with women rather than with men. I, at least, have always felt in other fine baritone lieder singers a certain restraint, a consciousness of baritone decorum which is in itself a kind of beauty but yet sometimes leaves half the song unsung, half the emotion unrealized. I often find myself "checking back" to a recording of Sophie Breslau or Elisabeth Schumann after bearing a baritone sing a familiar lied. With Fischer-Dieskau I may be startled, sometimes a little annoyed at first. But by the third hearing I generally have quite forgotten about checking back. His seems to be the only possible interprecation.

The accompanist, Günther Weissenborn, is adequate and occasionally exciting, although he stubs a finger once or twice. The sound is good if you keep down the volume. D.J.

SIBELIUS: Quartet for Strings, in D minor, Op. 56 ("Voces Intimae") — See Grieg: Quartet for Strings, in G minor, Op. 27. SIBELIUS: Tapiola, Op. 112; The Swan of Tuonela, Op. 22, No. 3; Karelia Suite, Op. 11; Festivo, Op. 25, No. 3

Berlin Philharmonic Orchestra, Hans Rosbaud, cond.

DECCA DL 9938. 12-10. \$3.98.

After hearing Hans Rosbaud's performance of these Sibelius pieces, one is led to wonder why he has been hiding this particular light under a bushel. His approach to the late Finnish master's works is businesslike without being the least bit prosaic. He believes in letting the music speak simply but eloquently for itself. This is most evident in his poised handling of the Karelia Suite, where both the Intermezzo and Alla marcia are delivered with considerable stateliness, and in the bolero-rhythmed Festivo from the first set of Scenes historiques, unquestionably one of the brightest works to come from Sibelius' pen. Some may prefer the faster, more dynamic interpretation of the Karelia movements by Thomas Jensen (London) and the more deliberate treatment of Pestivo by Beecham (Columbia), though there is something mighty satisfying about the way Rosbaud plays both these compositions. This is less true of The Swan of Tuonela, but Tapiola is played with fine dramatic sweep and restless urgency, making it comparable to the now discontinued recording by Koussevitzky, with the added benefit of clear, resonant reproduction. P.A.

STRAVINSKY: Pétrouchka; Fire Bird: Suite

Orchestre de la Société des Concerts du Conservatoire de Paris, Pierre Monteux, cond. RCA VICTOR LM 2113. 12-in. \$3.98.

Beauciful sounds, but extremely cautious tempos, especially in *Pétrouchka*. Not one of the old master's finest records. A.F.

### TCHAIKOVSKY: Concerto for Piano and Orchestra, No. 1, in B flat minor, Op. 23

José Iturbi, piano; Orchestre des Concerts Colonne, José Iturbi, cond.

ANGEL 35477. 12-in. \$4.98 (or \$3.98). Iturbi has evidently set out here to solve a problem: how dizzily dare one dash

problem: how dizzily dare one dash through the whole concerto? Perhaps no other pianist except Horowitz is better equipped for the experiment. His ten capable fingers punch the keyboard with all the adroitness of well-engineered pistons. Everything is sacrificed to their efficiency: phrasing, legato playing, dynamics, sensitivity, musicianship, good taste. The Paris Colonne Orchestra, which accompanies Icurbi in his Spucnik-like flight, is unhap-pily not a virtuoso ensemble. They can't keep up with him. Indeed, they have only the roughest notions of how to keep up with one another, their captain being so frequently busy at the piano, and it soon becomes obvious that this is not a concerto in which the soloist can indulge himself by doubling as conductor. The interplay berween piano and orchestra is thythmically tricky and demands a careful timekeeper and cue giver, not to mention a sensitive molder of melodic line.

The sound is the best thing, or, if you Continued on page 86



# RCA Victor adds 21 <u>new</u> stereo tapes to the world's largest tape catalog

Here are the perfect gifts for music-lovers — magnificent performances by the world's greatest artists on RCA Victor pre-recorded tape. Attractively boxed in album style with striking four-color covers, and detailed liner notes, each RCA Victor New Orthophonic High Fidelity tape comes on a standard 7-inch reel, clearly labeled for instant identification. Discover the vast range of selections now available to you in the world's largest catalog of pre-recorded tape. This Christmas, more than ever, RCA Victor brings you more on tape!



DECEMBER 1957

will, the worst thing about this recording. Its mirrorlike perfection reflects with painful fidelity all the shortcomings of the performance. D.J.

WAGNER: Lobengrin: Preludes to Acts I and 111; Götterdämmerung: Dawn; Siegfried's Rhine Journey

Haydn: Symphony No. 101, in D ("Clock")

New York Philharmonic Orchestra, Arturo Toscanini, cond.

RCA CAMDEN CAL 375. 12-in. \$1.98.

The effect of this record is of an exceprionally good 78-rpm pressing heard rhrough critical equipment. There is some rumble, highs are veiled and extreme highs are missing, and one or two breaks between sides can be detected. In spite of this, the Grail has never appeared with more shattering impact, nor has the middle section of the third act prelude moved with a more sensitively shaped line in the wind and brass. The *Götterdämmerung* music is herc played *auf Deutsch* with solid granite chords and slow-paced, powerfully shaped phrases that surpass those of the Maestro's two later recordings of the score.

The Wagner recordings are from 1936. The 1929 Haydn berrays its age, but the slow movement in a relaxed and yet beautifully molded statement such as this is an enduring marvel. R.C.M.

WEBER: Rapsodie Concertante - See Glanville-Hicks: Concerto Romantico

sounds that changed the world! U.S. AIR FORCE

A PORTRAIT

IN SOUND

PL 10,520

■ History-making sounds of your Air Force in action—of the new sound of flight - of breaking the sound barrier — of the sonic boom — of rockets and missiles — a proud VOX recording achievement!

■ Here's a never before recording of the evolution from "Spad" to missile; the wonders of modern flight in the Air Force's ever-ascending penetration into the air-world around us. A "sound" story of the Air Force's progress as it maintains air superiority and security for our nation.



Narrated by ARTHUR GODFREY Produced by WARD BOTSFORD

The outstanding recording event of the year! Astatic 988 microphones used exclusively. WEISS: Theme and Variations for Orchestra — See Lora: Concerto for Piano and Orchestra.

### **More Briefly Noted**

Albéniz: Iberia (with Falla: Interlude and Dance from La Vida breve). Mercury MG 50146.

Anral Dorati's performance, with the Minneapolis Symphony Orchestra, of the Arbós suite from *Iberia* is heavy and brassy, with fussy changes of rempo. Mitropoulos' and Ansermet's are much superior versions of the Falla. Sound bass-heavy, muddy and weak in the middle registers.

Bach: English Suite No. 6, in D minor, S. St1; French Suite No. 5, in G, S. St6; Well-Tempored Clavier: Preludes and Fugues in G, Bk, I, No. 15, Bk. II, No. 39. London LL 1638.

The French Suite seems to have held Backhaus' attention better than the other works, which give the impression that the pianist's mind was elsewhere. A disappointing disc.

Bach: Organ Works, Vol. 3. Epic LC 3367. As in other volumes in this series, Anton Heiller's performances suffer from a choice of registrations that blurs the music. Neither in interpretation nor sound does this compare with the Walcha and Weinrich versions.

Bach: Organ Works, Vol. 6. Westminster XWN 18499.

The sixth volume of Westminster's complete organ works by Carl Weinrich; his playing here is rather uneven. The A minor Prelude, for instance, is unimaginative; the D minor beautifully conveyed. The average is high, however, and the recording excellent.

Bartók: The Miraculous Mandarin: Suite (with Stravinsky: Fire Bird: Suite; Fireworks). Angel 3550.

Particularly in this nervous, jumpy version by the Royal Philbarmonic under Fernando Previtali, Bartók's music fails to redeem the crassly sensational libretto about a prostitute and her client. Stravinsky's *Fire Bird* is the most colorless of the sixteen currently available editions.

Brahms: Symphony No. 2, in D, Op. 73. Angel 35218.

No better recording of Brahms's Second, qua recording, exists than this one by Karajan and the Philharmonia. For communication of genuine musical meaning, listen to Toscanini, Walter, or Boult.

Casanovas: Invitatory and Six Responsories from the Office of Matins for Christmas. London LL 1617.

Highly melodic and florid music written by an eighteenth-century Spanish mook under the influence of the then-dominant Italian school. The final effect is of a thirdrate Pergolesi. The performance, by the Choir of the Monastery at Monserrat with an orchestra under Dom Ireneo Segarra, is equally indifferent.

Continued on page 88

HIGH FIDELITY MAGAZINE



236 W. S5th Street New York 19, N. Y.



Linda Carillon Berry plays Old-Time favorites at her Player Piano. AFLP 1846



Exotic, tantalizing music from the mysterious and fascinating Middle East. Vol. 2 AFLP 1834



# AUDIO FIDELITY RECORDS TOTAL FREQUENCY RANGE RECORDINGS

The perfect gift for the high fidelity enthusiast any time of the year! These are not just records . . , each is a tremendous emotional experience!

'reg. app.



Moon-drenched Cha Cha rhythms Pedro Garcia and the Del Prado Orchestra. AFLP 1837



Sinuous, exotic Tango melodies Pedro Garcia and the Del Prado Orchestra. AFLP 1838

FIDELITY,

\$5.95 each 12 inch LP



Melodic handbells ring in the Yuletide season. A unique gift and cord in one package. AFLP 1804



Jo Basile and his accordion spin a melodic spell of love . . . of romance . . . of Paris! AFLP 1815

770

Inc.,



AUDIO

Eleventh

Chaikin: Concerto for Accordion (with Shishakov: Concerto for Balalaika; Gorodovskaya: Suite for Orchestra of Polk Instruments; Vitolyn: Village Polka). Westminster XWN 18464.

If this is typical of the people's music of the U.S.S.R., God help the people. The Chaikin concerto is the worst, the Shishakov, while less pretentious, is extremely trivial (café society is café society even if its members don't wear mink). The Gorodovskaya derives directly from Rimsky-Korsakov. The Village Polka is nice, but very short. Excellent recording of the Symphony Orchestra of the Moscow Region and the State Radio Orchestra of Folk Instruments of the U.S.S.R.

Chopin: Ecudes (12), Op. 25; Trois nouvelles ésudes. Angel 35414.

A splendid technique, on the part of Claudio Arrau, put to no valid emotional use. As long as the pianist keeps his agile fingers in motion, he is alright; as soon as he pauses for reflection, he seems not to know what to do in this music.

Couperin: First Tenebrae Service; Motet: Audite Omnas; Air Sérisux; La Pastorelle (2 versions); Les Solitaires. Concord 4005.

A reissue of the warmly received Allegro release of some years ago. Fine performances of religious and secular music, with Hugues Cuenod, tenor, and excellent instrumentalists. Sound still perfectly acceptable.

Kabalevsky: Piano Music for Children. M-G-M B 3322.

Ledore Engdahl capably performs these pleasant, tuneful pieces, and the recording is brilliant.

Mozart: Cassations: No. 1, in G, K. 63; No. 2, in B flat, K. 99. M-G-M B 3340. Genss by a thirteen-year-old composer, K. 63 full of charm, K. 99 already showing the passion always to be related to this key in Mozart's mind. Arthur Winograd, leading the M-G-M Orchestra, goes in for tempos a bit fast, but the sound here is brighter than on the Sacher disc for Epic.

Mozart: Fantasia in F minor, K. 608; Adagio and Allegro in F minor, K. 594 (with Bach: Prelude and Fugue in E flat, S. 552). Overtone 14.

Even splendid music becomes wearisome when it is embedded in a jelly of reverberation, as it is bere in Marcel Dupré's playing of the organ in what seems to be a large church with bad acoustics.

Rósza: Kipling's "Jungle Book"; Thief of Bagdad: Suite. RCA Victor LM 2118.

Leo Glenn, narrator, and the Frankenland State Symphony Orchestra under composer Miklos Rósza demonstrate the Hollywood technique of mickeymousing. But Rósza knows how to score for the sound track, and the recording is wooderfully bright.

Schumann: Fantasia in C, Op. 17 (with Franck: Prélude, Chorale, et Fugue). Capitol P 8397.

Both these works need a soaring lyricism, which Leonard Pennario lacks, in spite of ample technique. Rubinstein's is currently the best version of the Franck piece; there is no thoroughly satisfactory one of the Schumano, though Curzon's is the best available.

Spendiarov: Almass: Orchestral Excerpts (with Sarian: Melosch: Orchestral

Scenes). Westminster XWN 18487. Spendiarov, an Armenian composer, owes much to Rimsky-Korsakov and something to Borodin. The most interesting aspect of his work, however, is its foreshadowing of Khachaturian. The excerpts from Sarian's film comedy *Melotch* have little interest. Mikhail Maluntsian conducts the Armenian philharmonic Symphony in spirited, if unpolished, performances.

Strauss, Johann II: Die Pledermaus and Der Zigeunerbaron (selections). RCA Victor LM 2130.

The present disc offers an arrangement of the overture and a group of other pieces arranged by Strauss himself from the operetra music for concert purposes. Fiedler leads the Boston Pops with gusto, if without the Gemüllichkeit from which the overtures and polkas would have benefited. Recorded sound clear and bright.

Tchaikovsky: Symphony No. 5, in E minor, Op. 64. RCA Camden CAL 374. Brilliant sound, apt solo playing, and deceptively fine ensemble work from the not really good Toronto Symphony, under Sir Ernest MacMillan. Actually every passage roars at the top of its voice, tempos are erratic, and the brass section is hrutally obtrusive. Here is really an instance of "Beware the bargain."

Vivaldi: The Seasons. Vox PL 9520. Extracts from the complete Opus 8, played by the Pro Musica String Orchestra (Stuttgart) under Rolf Reinhardt, with Reinhold Barchet, violin. Not up to the Angel or RCA Victor versions, it has clean, lively playing and a lusty spirit.

### RECITALS AND MISCELLANY

### ATAULFO ARGENTA: "España, Vol. 2"

Rimsky-Korsakov: Capriccio espagnol, Op. 34. Granados: Spanish Dance No. 5, in E minor, Op. 37 (Andaluza). Chabrier: España. Moszkowski: Spanish Dances, Book 1, Op. 12.

London Symphony Orchestra, Ataulfo Argenta, cond.

LONDON LL 1682. 12-10. \$3.98.

For the first time on LP, this non-Spanish music about Spain is interpreted by a Spaniard. What this means in terms of effective performance is especially apparent in the very opening Alborada of the Capriccio espagnol, where the rhythms are strongly marked and the music assumes an unwonted earthiness. Though this is the most arresting portion of the entire record, the remainder of the Rimsky-Korsakov work is notable for its virility and excitement, making it just about the best version on discs. The Chabrier rhapsody is clear

. .

and straightforward, while in the Moszkowski dances Argenta recognizes the predominant influence not of Spain but of the composer's Polish ancestry. P.A.

### THE HOFFNUNG MUSIC FESTIVAL CONCERT

Gerard Hoffnung and associates.

ANGEL 35500. 12-in. \$4.98 (or \$3.98).

Gerard Hoffnung is a British cartoonist who has done some wonderfully outrageous line drawings of musicians in impossible postures playing impossible instruments. He himself, judging from his photograph on the album, looks like a stout, pipesmoking, truculent pixie. It seems that he plays the tuba — the bass tuba, yet — and is an enthusiastic music lover. It also seems that he created a book of musical cartoons and decided to bring the book to life. The birth took place at the Royal Festival Hall, in London, on November 13, 1956. It was designated "Crazy Night." EMI engineers were on hand to record the happy event. Here it is.

One reads the liner notes with great expectations of a hilarious hour. Here is Malcolm Arnold's A Grand Grand Overture, scored for orchestra, organ, rifles, three Hoover vacuum cleaners, and an electric floor polisher: two of the vacuums upright in B flat, the other horizontal with detachable sucker in C (the score is dedicated to President Hoover). Here is the late Dennis Brain playing a movement from Leopold Mozart's Alphorn Concerto, only playing it on a length of rubber garden hose with a brass mouthpiece (it sounds like a posthorn played under water). Here is Franz Reizenstein's Concerto Popolare (a piano concerto to end all piano concertos, says its subtitle). Chopin's little A minor Mazurka (Op. 68, No. 2) is played by a quarter of tubes; Mr. Hoffnung, naturally, is one of the quarter. Here, too, is Humphrey Searle's Lochinvar, for speakers and percussion (and the omnipresent Mr. Hoffnung is one of the speakers). The grand finale is a set of variations on Annie Laurie, orchestrated by Gordon Jacob for heckelphone, contrabass clarinets, contrabassoons, hurdy-gurdy, serpent, contrabass serpent, subcontrabass tuba, harmonium - and two piccolos. Participating in this madhouse are BBC musicians, the Morley College Symphony Orchestra, and a group of musicians and conductors too numerous to list.

And when T. E. Bean, the manager of the Royal Festival Hall, makes his introduction on stage and sorrowfully states: "I have to ahsk your indulgence . . . Owing to circumstances over which the L.C.C. [London County Council] and the management of the ball have no control, tonight's program will be given exactly as advertised," one gets ready for the world to he rutned upside down.

But somehow the world remains remarkably stable, and at the end of the disc one has the feeling of having attended a session of tather earnest slapstick rather than wit. Perhaps the event was more engaging visually than it is on the black, closed surface of a disc. Certainly the audience sounds enrapnued (who says the British can't laugh?) and the musicians obviously are having the time of their lives. H.C.S.

Continued on page 90

Here is a new adventure in listening ... the world's finest music on stereophonic tapes. Made from famous Westminster originals.

Seasoned audiophile and novice alike will be delighted by the tonal fidelity of these superb tapes. They've been reproduced from the masters on a one-to-one basis, each being a direct reproduction from the original. Be sure to ask for them at your dealers.

### Here are the latest Sonotape "7000" Series Releases

1957 CHICAGO-NEW YORK AUDIO SHOW STEREOPHONIC DEMONSTRATION TAPE CNY

SWB 7008 KHACHATURIAN Gayne Ballet Highlights Vienna State Opera Orchestra Conducted by Hermain Schercheix-

Vienna State Opera Crchestra Conducted by Hermann Scherchen

B 7010 DUKAS Sorcerer's Apprentice Vienna State Opera Orchestra Conducted by Hermann Scherchen

SWB 7011 VERDI Aida, Triumphal March & Ballet

Vienna State Opera Orchestra Conducted by Armando Allberti

SWB 7013 CATHEORAL BELL RINGERS Cathedral of St. Philip, Atlanta, Ga.

SWB 7014 CHRISTMAS EVE IN THE CATHEDRAL Chorus & Organ

Conducted by Homer Edwards

A MERRY WURLITZER CHRISTMAS

SWB 7009 TCHAIKOVSKY: March Slav KHACHATURIAN: Lezghinka

SWB 7010

Music

SWB 7012 SPIRITUALS Graham Jackson Choir.

Dick Leibert, Organ

3 7001 TCHAIKOVSKY Nutcracker Highlights Philharmonic Symphony Orchestra SWB 7001 of London Conducted by Artur Rodzinski

SWB 7002 TCHAIKOVSKY 1812 Overture Vienna State Opera Orchestra Conducted by Hermann Scherchen SWH 7003 LEHAR-

B 7003 LEHAR: Gold and Sliver Waitz WALDTEUFEL: Skater's Waitz Vienna State Opera Orchestra Conducted by Armando Aliberti

SWB 7004 DEUTSCHMEISTER ON PARADE Deutschmeister Band Conducted by Julius Herrmann

SWB 7005 GYPSY PASSION Lendvay Kalman and His Gypsy Band SWB 7006 RAVEL

Bolero Vienna State Opera Orchestra Conducted by Hermann Scherchen

SWB 7007 LISZT Mephisto Waltz Vienna State Orchestra Conducted by Hermann Scherchen

SWB 7024 INTRODUCTION TO STEREO

SWB 7015

**NEW and EXCITING!** STEREOPHONIC *"7000" SERIES* 

All the Quality of Westminster Originals Captured for You on Stereophonic Tapes in The Sonotape "7000" Series at ONLY





**FREE:** Complete Sonotape Catalog of Monaural and Stereophonic Tapes, Write Dept. F-12 Sonotape, 275 Seventh Avenue, New York City, N.Y.

DECEMBER 1957

89

### LOTTE LEHMANN: Recisal

Brahms: Das Mädchen Spricht, Op. 107, No. 3; Mein Mädel hat einen Rosenmund; Bosschaft, Op. 47, No. 1. Wolf: In dem Schatten meiner Locken; Anakreons Grab; Anf ein altes Bild; Auch kleine dinge; Peregrina No. 1. Pfirzner: Gretel, Op. 11, No. 5. Beethoven: Ich Liebe Dich. Marx: Selige Nacht. Jensen: Lehn' deine Wang' an meine Wang, Op. 1, No. 1. Schubest: Die Männer sind mechant, Op. 95, No. 3; Der Erlkönig, Op. 1; An die Musik, Op. 88, No. 4.

Lotte Lehmann, sopranc; Erno Balogh, piano; Paul Ulanowsky, piano. RCA CAMDEN CAL 378. 12-in. \$1.98.

If you are very young and this is your first acquaintance with the singer, perhaps you will be disappointed in these recordings made when she was no longer at her vocal peak. My advice: keep listening.

Lehmann's voice was never big, and she always had the habit of gulping in a lungful of breath at disconcertingly inopportune moments. The Erlkönig, recorded when she was sixty, is really distressing to hear, with its gasps and wheezings and absolute halts while the singer recovers from some particularly taxing phrase. Another thing likely to put the earnest young lieder enthusiast off is the preponderance of coquettish songs in the present collection. Lehmann dearly loved a song in which she could be sly and girlish and winning, and she had a genius for the genre. But sometimes she was coquertish in songs where coquetry has no part - Botschaft, for instance - and at other times she could absolutely smother a song in coyness. Pfirzner's Gretel gets the full treatment, including a painful little screech at the end.

But how she makes up for it! Here is her marvelous Mein Mädel has einen Rosenmand, with its sudden change from innocent bragging in the first two stanzas to hushed renderness in the third; the satiric nasal twang of Die Mönner sind mechant, the virtuoso subtleties of In den Schatten meiner Locken with its thrice-repeated "Weck isb ibn nun auf? Ach nein!" ("Shall I wake him up? Oh, no!"), each repetition, though sung to the same music, quite different in effect from the others. And when dignity is demanded, Lehmann can supply it generously. If Auf ein altes Bild is disappointing, largely because it has been boosted up a major third and lies too high for her voice, Anakreons Grab, Peregrina No. 1 (in which her chest rones remind one that she originated the role of Barak's wife in Die Prau ohne Schatten), the grave, classic simplicity of Beethoven's Ich Liebe Dich are not easy to forget. These are performances to grow intimate with and to cherish; in them a unique artist discloses herself. We may not see her like again.

As to the sound, there's — to borrow again from Hamlet — the rub. No particular pains were taken with the dubbing; some of the original 78s sound considerably more llvely and spacious. The pianists (especially Balogh) also suffer a good deal; the tone of the instrument is consistently thin and unreverberant. And the familiar 78 background roar is much in evidence. Let's hope for better engineering in future releases in the series. D.J.



### LOIS MARSHALL: Oratorio Arias

Handel: Jeptha: Farewell, ye limpid springs and floods; Solomon: Bless'd the day; With thee th' unsheltered moor I'd tread; Judas Maccabens: So shall the luite and harp; Samson: Let the bright Seraphim. Haydn: The Seasons: O how pleasing to the senses; The Creation: With verdure clad. Mendelssobn; Elijah: Hear ye, Israel.

Lois Marshall, soprano; London Symphony Orchestra, Anthony Bernard, cond. ANGEL 35531. 12-in. \$4.98 (or \$3.98).

"Delightful to the ravish'd sense," Lois Marshall sings at one point, and I can think of no more apt phrase to describe this superb recording. Blessed with a handsome voice, completely schooled in matters of technique and style, the young Canadian soprano has one quality that sets her apart from most other oratorio singers - a conviction about what she is singing that dramatizes the words without ever violating the purity of the vocal line. In the Jephtha aria there is a subtle difference in the color of the voice in the section beginning "Farewell, farewell" and that beginning "Brighter scenes I seek above." Partly this is the result of Handel's genius as a composer, but it also stems from a slight change of vocal attack on Miss Marshall's part, shifting in mood from sad resignation to screnity of spirit. And in the Mendelssohn aria she allows herself a more outspoken expressivity which is not only stylistically right but gives immediacy and freshness to this well-worn work. Exemplary collaboration is provided by the orchestra and Anthony Bernard. R.E.



Ponselle: America's finest female voice.

### ROSA PONSELLE: "The Art of Rosa Ponselle"

Spontini: La Vestale: Tu che invoco; O nume tutelar. Verdi: Ernani: Ernani, involami. Aida: Pur ti riveggo; La tra foreste vergini (with Martinelli). Ponchielli: Gioconda: Suicidio! Meyerheer: L'Africana: In grembo a me. Bellini: Norma; Catta Diva; Mira, o Norma (with Telva). Verdi: La Forza del destino: La Vergine degl' Angeli (with Pinza); Pace, mio Dio!; Act IV Finale (with Martinelli and Pinza). Fontenailles: A l'Aimé. Tosti: Si tu le vonlais. Rimsky-Korsakov: The Nightingale and the Rose. Arensky: On Wings of Dreams. Kahn: Ave Maria. Tosti: Serenata; GoodBye; 'A Vucchella; Luna d'Estate. Massenet: Élégie. Charles: When I have sung my Songs.

Rosa Ponselle, soprano.

RCA CAMDEN CBL 100. Two 12-in. \$3.98.

The fascination Rosa Ponselle exercised over the public of her day, and its amazing continuation twenty years after her retirement, is due to a voice of rare opulence, served by a sophisticated technique and characterized by an earthiness no amount of retining was able to dispel. RCA has acknowledged these facts in presenting this superb two-disc set. It contains the bulk of Rosa Ponselle's recordings, made during the very height of her cateer at the Metropolitan.

Undoubtedly the possessor of the grearest female voice wholly developed on this side of the Atlantic, Ponselle made het debut without fanfare or previous operatic experience in the Metropolitan's première nf *Porza del destino*, on November 15, 1918. When she sang in *La Vestale* on November 12, 1925, the dark, velvety tones had been lightened and refined and what Huneker referred to as the "seamless scale of Rosa Ponselle" was now placed within the frame of a severe and classic style. An apex was reached in Bellini's Norma and Verdi's Traviata.

Ponselle's technical trumps included the best trill by any singer of her day or since; the swelling and diminishing, on a single tone (messa di voca), and the accurate and meaningful encompassing of tapid scale passages. Examples of this technique can be heard in the arias from Ernani and L'Africana, in the present set, while breadth of style will be best noted in the Norma and Vestale examples. For my taste, the Vestale discs are among the greatest legacies of vocal art on records.

Camden has done a splendid and responsible job (including correct pirch), so it seems almost cavalier to express the wish that Ponselle's magnificent electrical *Ritorna Vincitor* from *Aida* might have been chosen rather than Tosti's *Serenata* (in English!) or *Good-Bye*. There are also a couple of incorrect dates. The arias from *Forza* and *Ernani* are not, as listed, of January 1924 (the acoustical era), but were actually recorded electrically during January 1928.

There have been other LP collections of Ponselle, but this is by far the most comprehensive, the most representative of a very great singer, who is still idolized by a multitude of followers.

MAX DE SCHAUENSEE

### A RECITAL OF ENGLISH CATCHES: "The Restoration Sophisticate"

Roger Lewis and Syd Alexander, renors; Sanford Walker, baritone; Peter Warns, bass.

CONCORD 4003. 12-in. \$4.98.

Although the sixteen catches in this collection represent a much larger period in English history than the Restoration, they all reflect the bawdy humor of that era, when catches were most in vogue. Catches are simply rounds (e.g. "Row, row, row your boat"); but in these the words and tunes are so ingeniously contrived that,

Continued on page 92

HIGH FIDELITY MAGAZINE



LM-2137 Long Play, \$3.98 DEC. S.O.R. SELECTION



LPM-1403 Long Play, \$3.98 EPA 1, 2, 3-1403 \$1.29 each DEC. S.O.R. SELECTION



LM-2139 Long Play, \$3.98 EPA 1, 2-2139 \$1.29 each



LOC-1041 Long Play, \$4.98



LM-6052 2 Long Play records \$7.98



LOC-1036 Long Play, \$4.98 EOC-1036 \$2.98



LOC-1030 Long Play (24 songs) \$4.98 EPA-4112 \$1.29



LM-2104 Long Play, \$3.98



LPM-1541 Long Play, \$3.98 EPA 1, 2, 3-1541 \$1.29 each

# When you give RCA Victor Albums, the world's greatest artists say "Merry Christmas" for you!

THE WORLD'S GREATEST ARTISTS ARE ON



Manufacturer's nationally advertised prices shown

91

when all the voices are participating, innocent phrases, words, and syllables are juxtaposed so as to have a less-than-innocent meaning. One cannot help admiring the composers' extraordinary cleverness, but roday's sophisticated listener is liable to find the ribald jokes somewhat crude.

Since the catches usually were written for amateurs, these performances quite properly have a nonprofessional air, and the four singers take care to see that every syllable can be understood readily. The record is a reissue of an early Allegro disc. R.E.

### SADLER'S WELLS BALLET: "A Silver Jubilee Tribute"

Purcell-Lambert: Overture and Minuet from Comus. Boyce-Lambert: Fugue in D, from the Prospect Before Us. Couperin-Jacob: Allegro, from Harlequin in the Street. Mendelssohn-Jacob: Agitato and Allegro vivace, from Lord of Burleigb. Auber-Lambert: Allegro non troppo and Allegro, from Les Rendezvous. Gordon: Sarabande and Orgy, from The Rake's Progress. Liszt-Lambert: Consolation and Galop, from Horoscope. Berners: Tango and Waltz, from Wedding Bouques. Bliss: Dance of Summer, from Adam Zero. Prokofiev: Waltz and Midnight, from Cinderella.

Royal Opera House Orchestra (Covent Garden), Robert Irving, cond. ANGEL 35521. 12-in. \$4.98 (or \$3.98).

This disc is a little behind the times. There is no longer such an organization as the Sadler's Wells Ballet; it is now the Royal Ballet, and has been since January. In all fairness to Angel, they have informed us of that fact by a little insert on the cover of the disc and a sentence in the liner notes. One gathers that the disc was made in 1956 to celebrate the twenty-fifth anniversary of the company. It contains snippets of music, mostly arranged music,

## Anyone for a Gnother Gnu?

the London omnibus. In more gentle vein are two animal songs, and though Hippopotamus has achieved a certain amount of popularity in England, I greatly prefer the A. A. Milne-flavored humor of A Gnu (particularly when the second of the species becomes "a ganother ganu"). In Misalliance the singers expose the frustration of two climbing vines, foiled by the inexorable law of nature from consummating a love affair. Actually there's a little more to the song than that, but what, I leave you to discover. With A Song of Reproduction the performers have their day ar the expense of high fidelity, explaining its evolution from the little gramophone that had to be "wound round and round" to the day when it can induce "flutter on the bottom," if the mechanics are not handled properly. It is a gay and laughable dig at the current craze.

I myself fail to appreciate the humors of The Reluctant Cannibal, and all I can hear in Madeira, M'Dear are echoes of Lily Morris singing a vastly more amusing song "Don't have any more, Mrs. Moore." to almost the same melody. Response to comedy. however, is pretty much a matter of personal taste. The recording, made during an actual performance, is quite good, even though, as sometimes bappens, some of Flanders' words seem partially to elude the microphone. The teaction of the audience appears to be thoroughly spontaneous; certainly they, as well as the performers, are completely enjoying themselves. I know I enjoyed the record, I thick you will too. J. F. INDCOX

### AT THE DROP OF A HAT

A Transport of Delight; Song of Reproduction; A Guu; Design for Living; Je suis le Ténéhreux; Songs for our Times (Philo-Jogical Waltz; Satellite Moon; A Happy Song); A Song of the Weather; The Reluctant Gannibal; Greensleever; Misalliance; Kokoraki ... A Greek Song; Madeira, M'Dear; Hippopotamus.

Michael Flanders and Donald Swann. ANGEL 65042. 12-in: \$3.98. taken from ballets that have been associsted with the Sadlet's-Royal Ballet sloce its inception in 1931. Conceivably the contents would interest those who have grown up with the company, or balletomanes who must have everything. Most Americans, however, will find little of interest here. Many of the ballets represented on this disc are either unknown in this country or out of the Royal Ballet's American repettory. In an case is a full ballet given, and the succession of excerpts is not strong enough musically to prevent a good case of boredom long before the disc has run its course. ROSALYN KROKOVER

### LEOPOLD STOKOWSKI: "Landmarks of a Distinguished Career"

Bach-Stokowski: Toccata and Fugue, in D minor. Debussy-Stokowski: Clair de lune. J. Strauss, II: On The Beantiful Blue Danube. Sibelius: The Swan of Tuonela, Op. 22, No. 3; Finlandia. Op. 26. Debussy: Prélude à l'après-midi d'un faune.

Symphony orchestra, Leopold Stokowski, cond.

CAPITOL P 8399. 12-in. \$3.98.

This disc is directly a tribute to the magnetism of Leopold Stokowski; but according to the jacket notes and the repettoire itself, Capitol also is paying indirect tribute to RCA Victor, for the six selections here represent six of Stokowski's all-time bestselling Victor 78-rpm records.

Stokowski's old tonal magic is still very much in evidence here in the rich and polished sound he draws from a handpicked orchestra; but the old mannerisms are here, too. Particularly objectionable ate the distorted tempos and thythms of *Finlandia* and the strung-together phrases of the Toccata and Fugue. The Bach, in fact, comes off far less successfully or forcefully than it has in the past, possibly because it has less incisiveness.

Yet whar exquisite sounds emerge from The Swan of Tuonela, with its haunting English horn solo so beautifully played by Robert Bloom, and from The Afternoon of a Faun, highlighted not only by Julius Baker's limpid flute passages but also by some typically subtle and sensitive Stokowskian oboe phrasing. As to the other Debussy piece, it is a characteristically lush but tasteful transcription by the conductor. And the Blue Danube benefits from the unhuried spaciousness of LP which allows it to be performed uncur and with all repeats.

Stokowski has always been a stickler for sound quality on his discs, but it is doubtful if he has ever enjoyed anything as natural as the orchestral tone in this collection. P.A.

### More Briefly Noted

Mischa Elman: "Encores." London LL 1629.

Among both familiar and off-bear violin encores Elman (accompanied by Joseph, Seiger) offers high-styled interpretations of Kreisler's Liebesleid, Smetana's From My Homeland No. 2, Charles Miller's Cubanaise, and his own Tango.

Continued on page 94

HIGH FIDELITY MAGAZINE



The mixture was by no means confused.

EARLY this year, a two-character musical charade entitled As the Drop of a Hat eased itself into London's Fortune Theatre, and immediately established itself as a smash hit, and the brightest spot in an otherwise rather dull theatrical season. Written, composed, performed, and produced by the two-man team of Michael Flanders and Donald Swann, long highly successful and prolific putveyors of material to many of London's intimate revues, it represents a sort of author-composer do-ityourself project. Dispensing with the usual scenery, chorus, supporting artists, and nrchestra, and using only the basic necessities - in this case, the stage, a piano, and a wheel chair for the parily paralyzed Flanders — they offer a revue that is surely the most "intime" on record.

"Parrago" is Flanders' description for the presentation, a word defined in my dictionary as a "confused mixture," which this most definitely is not. It is instead a skillfully organized, knowingly paced mélange of clever, humorous, satirical numbers, interspersed with disarmingly funny monologues, delivered with a maximum of point and relish by two very talented artists. Their satirical barbs are hurled in all directions, and at all subjects, from the horrors of contemporary house furnishings and today's popular songs to the inclemencies of English weather and the inconveniences of



.....

-1

.

-

16

.

-

### MASTERPIECES FOR THE DISCRIMINATING LISTENER

THE TONE POEMS OF SIBELIUS Vol. 1-En Saga, Swan of Tuonela, käinen's Homecoming, Pohjola's Daughter, The Bard

Vol. 2-Finlandia, Prelude (The Tempest), Nightride and Sunrise, Oceanides, Tapiola Sir Adrian Boull and the Philharmonic Prome-

nade Orch. of London 2-12" in De luxe illustrated album VRS-489/90 Also available as single records

RESPIGHI: HOMAGE TO THE PAST Ancient Airs and Dances, Suites Nos. 1, 2 and 3-The Birds-Botticelli Tryptich Franz Litschauer and the Visnua State Opera

Orch. 2-12" in De luxe illustrated album

\$11.90 VRS-466/7

VIVALDI: L'ESTRO ARMONICO OP. 3 (Complete) Mario Rossi and the Chamber Orch. of the Vienna Stats Opera, Jan Tomasow and Willi Boskowski, solo violins 3-12° in annotated album BG-572/4 A Bach Guild Anniversary Special-3 records for the price of 2-\$9.96

### BACH: THE BRANDENBURG CONCERTOS

BACH: THE BRANDENBURG CONCERTOS (Complete) Felix Prohaska and the Visnna State Opera Orch., Tomasow and Wobisch soloists 3-12" in album BG-540/2 A Bach Guild Anniversary Special-3 records for the price of 2-\$9.96 ("Masterful job ... practically every music lover would select the Bach Guild recording" said The New Records, about Prohaska conduct-ing Bach's Four Orchestral Suites, BG-530/1)

AN 18th CENTURY CHRISTMAS Christmas Concertos by Corelli and Torelli, Haydn's "Toy Symphony," three chorales of

Bach I Solisti di Zagreb, Antonio Janipro. conductor 1-12" BG-569

THE HOLLY AND THE IVY 23 Carols of Old England

Alfred Deller and the Deller Consort, lute and recorders 1-12

**VRS-499** 

CHRISTMAS CAROLS OF THE NATIONS

CHRISIMAS LAROLS OF THE WATTON'S Roland Hayes, tonor 1-10" VRS-7016 ("Roland Hayes is a great artist . . . heart-breakingly communicative" wrote James Hin-ton Jr., in High Fidolity, of The Life of Christ in Aframerican Folk Song, VRS-362)

GERMAN UNIVERSITY SONGS, Vol. 2 Brich Kunz, baritone, with Male Chorus and Orch. of the Vienna State Opera, Anton Paulik, conductor

Full texts and translations ("Kunz has nover been in better voice or more joyfully recorded" wrote the N. Y. Herald Tri-bune on German University Songs Vol. 1, with Kunz, VRS-477)

THE WEAVERS ON TOUR The Celebrated Weavers Christmas Concert 21 irresistible folk songs and carols VRS-9013

1.12" VRS-9013 ("When the Weavers sing, the joint jumps" wrote the Christian Science Monitor, of The Weavers at Carnegie Hall, VRS-8010)

Weavers at Carnegie Hall, VRS-8010) JEWISH FOLK SONGS "Chanukah" and other unforgettable songs Martha Schlammo, with orchestra 1-12" VRS-9011 ("Repertory in which she is virtually un-rivalled," wrote Warren De Motte. Equally cap-tivating is her Folk Songs of Many Lands, VRS-9019)

### THE SOUL OF HAITI

Songs of magic, love and voodoo ritual Jean Vincent, with orchestra 1-12" VR **VRS-9015** 

VIVALDI: THE FOUR SEASONS I Solisti di Zagreb, Antonio Janigro, conductor; Jan Tomasow, solo violin 1-12" Full notes with translations of Vivaldi's PC 564

VANGUARD **RECORDINGS FOR THE CONNOISSEUR** 

sonnets BG-564 ("Recommended without reservation" said The American Record Guide of the Zagreb Soloists' discs of Vivaldi Concertos BG-540, and Bach

BACH: MAGNIFICAT IN D, and CANTATA NO. 50 Felix Prohaska, conductor; Soloists, Chorus and Orchestra of the Vienna State Opera 1-12" Full texts BG-555

and Orchestra of the Vienna State Opera 1-12" Full texts BG-555 ("Unsurpassable series of cantata discs" wrote Paul Afielder, Brooklyn Eagle, on the Pro-haska Bach series including Cantatas Nos. 78 and 106, BG-537, Cantatas Nos. 4 and 140, BG-511, and Cantata No. 80, "Ein' feste Burg," RG-508)

MASTERPIECES OF THE ITALIAN BAROQUE

MASTERPIECES OF THE ITALIAN BAROQUE Vol. 1-Solo songs Vol. 2-The Sonata, Concerto and Cantata Vol. 3-Monteverdi: 11 Ballo delle Ingrate Vol. 4-Frescobaldi Alfred Deller, the Deller Consort, Ambrosian Singora, London Chamber Players, Societas Musica of Copenhagen, Gustav Leonhardt, harpsichord and organ 4-12° in album. Notes by Denis Stevens, Nigel Fortune and Dr. Joseph Braunstein BG-5655/8 Also available as single records

### MUSIC FOR DHRISTMAS

CHRISTMAS SONGS The popular favoritas, from "O Tannenbaum" to "White Christmas" Lune, vocalist; with orchestra

1-12

CHANSONS DE NOEL Carols of Old France Martha Schlamme, soprano; Chorus of Beau-vais und Children's Choir, Ruggero Gerlin, cembalo; Edward Vito, harp VRS-497 1-12'

A MUSIC BOX OF CHRISTMAS CAROLS Welch Chorale, and Music Boxes from the Bornand Collection 1-12" VRS-428 ("Special recommendation" wrote Caecelia. Equally cap-tivating is "A Music Box of Hymns," V.RS-450)



PENITELERAT AVEN MEENETSI WEILL: THE THREE PENNY OPERA

(Grand Prix du Disque, 1957) Sung in German Lians, Helge Roswaenye, stars of the Vienna State Opera, Chorus and Orchestra, F. Charles Adler, conductor 1-12" Full text and translation VRS-9002

PARIS MIDNIGHT "La vie en rose" and other charmers Liane and the Boheme Bar Trio

1-12" VRS-9018 ("Top-notch sound, tuneful, appealing mate-rial, all honoring Paris," wrote High Fidelity. Try Liane's Vienna Midnight, VRS-9026) VRS-9018

FOLK SONGS OF POLAND

Mazowsze Choral Ensemble and orchestra 1-12" VRS-9016

TAVERN SONGS Catches and Glees

The Dellor Consort

1-12" BG-561 ("An unqualified triumph" wrote The Satur-day Review on Deller's sheaf of English folk songs, The Three Ravens, VRS-479 "Delicate phrasing, scholarly musicianship, and a knack for being just plain entertaining" wrote The New Records, on The Wraggle Taggle Gypsies, VRS-(2021) **BG-561** VRS-1001)

List price - each 12 \$4.98 - each 10 \$3.95 Write for complete catalogue to:



VRS-9021



English Singers: Madrigals, Ballers, and Folk Songs. Angel 35461.

Apparently a different group from the ensemble that performed under the same name some years ago, the English Singers give agreeable and pleasant performances of four centuries of song from Byrd to Vaughan Williams.

"Four Orchestral Favorites." Decca DL 9936.

Hans Rosbaud's strong, straightforward reading (with the Berlin Philharmonic) of Finlandia is the best of the presentations here. Fritz Lehmann's Debussy Afternaon of a Faun is acceptable; Fricsay's Boléro (played by the RIAS Symphony) lacks excitement, and Leopold Ludwig's Liszt Préludes is an overly fast run-through.

Hollywood Bowl Symphony Orchestra:

Music of Christmas. Capitol P 8393. Carmen Dragon gives thirteen of the most familiar Christmas carols and hymns the full Hollywood treatment. Suave performances brilliantly reproduced.

Reginald Kell: "Clarinet Encores." Decca DL 9926.

Of these selections, including music by Handel, Beethoven, Corelli, Ravel, Benjamin, et al., only Debussy's Petite Pièce was originally written for clatinet. Perhaps for this reason they do not quite come off, in



spite of Kell's impeccable playing. Brooks Smith is the piano accompanist.

Efrem Kurtz: "Pavlova Ballet Favorites." Angel 35544.

Once Pavlova's own conductor, Efrem Kurtz here directs the Philbarmonia Orchestra in a program of "light classics" to which the great ballerina danced. Musically speaking, this repertoire — which includes outrageous orchestrations of Chopin pieces, along with Tchaikovsky, Glazunov, Saint-Saëns, etc. leaves much to be desired.

New York Philharmonic Brass Ensemble. Golden Crest CR 4003.

Magnificent recording given to the totally unimportant Symphony for Pive-Part Brass Choir of one V. Ewald (filling one side of the disc), the spirited Five Miniatures of R. Starer, and the finale of Robert Sanders' fine brass quintet — the last available complete on a Unicorn release. The players are so busy demonstrating the subtleties of their instruments that their performances lack vitality.

Leonard Pennario: "Keyboard Fantasies." Capitol P 8391.

Chopin's Fantasy-Impromptu is the only genuine fantasy on this record. The other ten selections include pieces from Mendelssohn, Debussy, Shostakovich, and others (plus the pianist's own Moonlight on the Cliffs), played with formidable technique but not much musical penetration.

Tower Music. Golden Crest CR 4008.

An (unnamed) chamber brass ensemble performs Johann Pezel's jolly seventeenthcentury "sonatas," written "for blowing at ten o'clock in the morning in Leipzig," together with his Suites I and II and music of Reiche, Scheidt, and Bach. Lively runes and rhythms.

Roger Wagner Chorale: "Starlight Chorale." Capitol P 8390.

Choruses from Aida, Trovatore, Tambäuser, Lohengrin, Faust, Carmen, and Butterfly briskly and expertly sung with spacious sound given ro the chorus and Hollywood Bowl Symphony.

West Point Cadet Glec Club. Vox vx 25390.

Unusually disciplined singing of mainly conventional male-glee-club offerings by the West Point caders under Frederic Boots. Though lightweight in tone, the group is remarkable for clarity of diction and a precision of phtasing mistaken in Tchaikovsky's *Pilgrim Song* but elsewhere wholly admirable. Audience laughter and applause and somewhat constricted sound.



### THE PSALMS

Selections in Hebrew and in English, read by Mortis Carnovsky. EXPERIENCES ANONYMES EA 0025. 12-in.

\$4.98.

In this reading of the Psalms, the distinguished actor Morris Carnovsky reads each

first in English and then in Hebrew, an arrangement which avoids the obvious difficulties of prolonged listening to Hebrew. although one of the features of this record deserving special mention is the reading of the original. Few of us are expert Hebraists. But those whose knowledge of this ancient tongue is faulty may find themselves amazed at how much of what is read they are able to follow, and even listeners who have not studied it ar all will be interested and possibly thrilled at the rhythm and linguistic music that Carnovsky has succeeded in conveying.

It is a notable characteristic of Hebrew poetry that, although it neither thymes not scans, its musical quality consists in its repetition of ideas variously expressed. As a friend of mine put it, Hebrew poets rhymed their ideas instead of their sounds. in, for instance, "The ox knoweth his owner, and the ass his master's crib: but Israel doth nor know, my people doth not consider." This sort of couplet, as we might call it, combined with the alliteration and lift that is so characteristic of ancient literature in general, gives the Psalms an outward and audible beauty which partly expresses the greatness and wonder of their theme.

With regard to the English readings, Carnovsky, whose fine bass voice is well known, reads with dramatic power and a considerable amount of religious feeling. He is apt, however, to be more solemn than triumphant. And his habitual tone is inclined to be better suited to such words as "By the waters of Bablyon we sat down and wept" than to "Lift up your heads, O ye gates; and be ye lift up, ye everlasting doors; and the King of glory shall come." But on the whole, this is a reading beautifully done. WALTER B. WRIGHT, S.T.B.

### ANNA RUSSELL: "In Darkest Africa" Hamletto; Backwards With The Folk Song; How To Enjoy Your Bagpipe.

COLUMBIA ML 5195. 12-in. \$3.98.

Anna Russell's latest anthology was recorded, "live" as they say, at the Johannesburg Music Festival, which explains the title. Its contents have about as much relation to Africa as the good will tours of sundry politicians.

Hamletto, a musical play à la Russell, is the feature attraction. The audience kept crupting with a tremendous noise which I could only take to be laughter; I was left singularly unmoved.

This may well be too harsh a judgment. But I must say that as Miss Russell labored through some very strained lyrics parodying the shopword bits in Hamlet, I could not help feeling that if you have heard one of her comic operas you have heard them all. Perhaps the real problem is that it is no longer possible to do a parody of Hamlet - too many serious actors have exhausted all the possibilities.

There is a brighter side to this record the one containing Miss Russell singing her "contemporary" folk songs and her little dissertation on the bagpipes. They are both amusing. But it still adds up to second-rate Russell - which may be good but not for the rest of us.

R. H. HOOPES, JR.

### WALLACE STEVENS

Selections from the verse of Wallace Stevens, read by the poet. CAEDMON TC 1068. 12-in. \$5.95.

Writing of the early poetry of the late Wallace Stevens, R.P. Blackmur once said that "... generally, you need only the dictionary and familiarity with the poem in question to clear up a good part of Mr. Stevens' obscurities." Unfortunately the Unfortunately the car cannot so conveniently pause in its listening as the eye in its perusal of the page. While there are some very lovely things on this record (including, notably, The Idea of Order at Key West and Look-ing Across the Fields and Watching the Birds Fly), this is poetry of a highly cerebral kind, so densely packed in its attempt to impose order on the chaos of experience that immediate emotional apprchension is unlikely.

Persons who have lived long with Stevens' work may take some pleasure in hearing the poet's own voice; others, I am afraid, will not find that the reading of these poems, together with two brief prose potes on "The Theory of Poetry" and "The Life of the Poet," offers much illumination. In fact I am not sure that the release is not a disservice to the poet. Its listeners may find themselves recalling that "The poem must resist the intelligence / Almost successfully" without giving due weight to the ambiguity which the writer surely intended in that statement. I.G.

### ROBERT LOUIS STEVENSON: A Child's Garden of Verses

Read by Judith Anderson. CAEDMON TC 1077. 12-in. \$5.95.

A cool gray Sunday with the bare trees making patterns against the sky seemed an apt setting for a journey back to my nursery days. So I asked my favorite stuffed bear who has accompanied me through many years of things if he would like to hear A Child's Garden of Verses again a mechanical version this time. He 'llowed as he would, so we both squeezed ourselves into the old winged chair and waited "Oh dear," he sighed as he started to squirm, "must we sit through this? . . What a hollow voice and how very unnatural the poems sound . . . She must have been practicing and practicing, and practicing to sound 'exactly right' ..., It's all too careful - we never heard things like that.

I'm afraid that I had to agree with him. Miss Anderson (to hear) has no childlike quality at all but a very sophisticated, controlled voice which in itself is quite musical (if a little gutrural for me) but with no lightness, no fun.

Why must we have dramatic actresses and actors reading children's stories and poems? To be sure, to their own children they sound fine - for those children are used to their accents and dramatic ways of speaking. But to the average child it's affected and unreal. Further what is the idea of a whole "fat" record, as my bear put it, being devoted to R. L. Stevenson poems? It's the kind of thing one likes to hear one, two, three (or possibly four) of at a time but not twenty-five. Of course an adult could always remove the needle but could



### **ON CAPITOL** STEREO TAPE



### THE MUSIC OF CHRISTMAS:

Hollywood Bowl Symphony Orchestra Carmen Dragon conducting

All the joy and splendor of the Season in breathtaking stereo - reverently beautiful symphonic arrangements of traditional carols. (ZF-14)

### JOY TO THE WORLD:

The Roger Wagner Chorale Moving old-world interpretations of uni-versally beloved carols. (2F-15)

### Classical "FDS" Releases

LEOPOLD STOKOWSKI:

The Orchestra (ZH-S)

ROGER WAGNER CHORALE: House of the Lord (ZF-9)

WM. STEINBERG, PITTSBURGH SYMPHONY:

Toch: Third Symphony (21-7) HOLLYWOOD BOWL SYMPHONY

ORCHESTRA: L'Italia (ZF-3) Gypsy (ZF-6) Symphonic Dances (ZF-5) Bolero & Capriccio Espagnol (2F-4)

### Popular Artists

NAT "KING" COLE: Love is the Thing (2D-11) KENTON IN HI-FI (ZD-10)

GEORGE SHEARING;

Black Satin (2C-13) FRED WARING & THE PENNSYLVANIANS IN HI-FI (ZD-12)

Specialties.

A STUDY IN STEREO

A breathtaking showcase of stereo's vast range featuring Capitol's big-name artists. (ZH-2)

### INTRO TO STEREO

A narrated journey through the sounds. of stereo-music and real-life sounds. (ZA-1)



2 CHANNEL - 71/2 IPS - FOR IN-LINE HEADS

a child? It seems he'd be stuck with a half hour of this till Mummy came up from the kitchen where she'd been cooking dinner.

The recording is really excellent and I am only sorry that Miss Anderson's considerable talents could not have been used where one could say "brilliant."

MIRIAM D. MANNING

### FOLK MUSIC by Edward L. Randal

FOREMOST among the month's releases is Richard Dyer-Bennet's third recital under



# THRILLING TRUE STEREOPHONIC HIGH-FIDELITY TAPES

BUXTEHUDE Misso Brevis-Contoto "Alles, was ihr tut" Soloists: Heten Boatwright, Russell Oberlin, Charles Bressler, Paul Matthen; The Cantata Singers, New York, with Siring Orchestra and Organ; ALFRED MANN, Conductor, Inspiring in true stereophonic sound. 1200' UST 1210 511.95

BUXTENUDE Magnifical Cantala "Was mich auf

dister Welt bertöbt" Soloists: Helen Boatwright, Janet Wheeler, Russell Oberlin, Charles Bressler, Paul Matthon, The Can-tata Singers, New York, wilh String Orchestra and Organ; ALFRED MANN, Conductor, The rarely heard music of a great master. 900' UST 902 \$8.95

STRAUSS SPARKLES IN HI-FI-VOL 2-A hrand new release—Lively polkas, stirring marches, dreamy waitzes. 1200' UST 1206 \$11.95

All 7" reels, 71/2 IPS -- for stocked or stoggered heads.



High Fidelity No. 3 (DYB 3000). Once again the famous tenor follows his custom of presenting a wide variety of traditional ballads - ranging here from the Jacobite song Charlie is my Darling to the spiritual Go Down Moses - in concert atrangement. Dyer-Bennet is in top form; warmth, understanding, and a pervasive attention to nuance distinguish his performances.

his own label, Richard Dyer-Bennes on

Technically, the disc seems to be a cut below the near-perfection of its two predecessors. For example, a slight tape hiss is audible on one band and the vocalist hits an undeniable clinker on another; there is a modicum of distortion elsewhere. However, measured against the total accomplishment, these are quibbles. The record is a



DANCE WITH THE MOST **BEAUTIFUL GIRL IN THE** WORLD The favorite dance tunes of Gladys Zender-Miss Universe of 1958. Popular Rhumbas. For Trots, Sambas and Waltzes. Aimé Vereecke and his ereacke and his UR-9002 \$3,98



DREAMS OF HAWAII Dreamy music from the land of enchantment, Au-thentic native Hawalian melodies sung by the world famous George Kalnapau and The Hawalians. Re-corded in Hawali. UR-9011 \$3.98



BRANDON SWINGS Neverto-be-forgotten favorites with a real swing beat. By Henry Brandon and his big band from Chicago. A truly great band reminis-cent of the "forties." \$3,98 **UJ-1210** 

magnificent achievement and is enthusiastically recommended.

The renowned counterrenor Alfred Deller leads his Deller Consort in Tavern Songs (BG 561) on the Vanguard label. Here. perpenuated in superb sound, is a full measure of the wit, ribaldry, tragedy, and arristry that informed music during the English Restoration. Henry Purcell is well represented with a group of some nine catches; the fifteenth-century William Cornyshe also contributes a brace of songs, one of which — Hoyda. Jolly Rutterkin —fur-nished Vaughan Williams with one of his Five Tudor Portraits. Happily, all of the songs are sung in their lusty, unexpurgated texts. The four members of the Consort acquit themselves nobly in weaving the intricate vocal fabric of the catches and glees, and the record is a joy both to the ear and to the intellect.

A little-tapped vein of melody is heard on Folkways' Songs of Denmark (FW 6857). Danish-born Dan Haugaard, who accompanies himself on the guitar, has a simple uncluttered style, and the songs of his homeland are as fresh as a breeze. Texts and translations are provided. Worthy of an audition.

Vox adds another spectacular Central European item to its catalogue with Gypsy Strings (VX 25-220). Yoska Nemeth and his Gypsy Orchestra are in the great line of Hungarian gypsy musicians, and they are afforded splendid recorded sound. The czardas are pure fun, and the love songs are pure heartbreak. Another mid-European dance-the polka-has taken firm root among the merry burghers of Pennsylvania and points west. On a Tops release, Polka Parily (L 1578), George Poole and his Polka Dots serve up thirteen assorted toetappers that should sate even the polka's most ardent admirets. Tubbiness in the bass detracts from otherwise good sound.

Sumptuous engineering marks London's Brother John Sellers in London (LL 1705), an admirable cross section of Sellers' art in all its facets - blues, ballads, and spirituals. Sellers is out of Mississippi by way of Chicago, where the great Mahalia Jackson influenced his style. With his big voice and free-swinging delivery, Sellers is heard at his best in the blues numbers. In traditional ballads he occasionally tends to vitiate a song's inherent power with a superfluity of vocal adornment. An English instrumental combo supports him stoutly throughour.

A divergent tradition of Southern song has an effective inning on Folkways' Fattorite Gospel Songs (PA 2357), suog by Harry and Jeanie West with a variety of stringed accompaniments. Derived from fundamentalist religious concepts and laden with apocalyptic overtones, this type of song has enjoyed a revival of sorts at the hands of Southern radio singers. The Wests are thoroughly at home with the material, and nearly balanced sound enhances their efforts.

The Mike on the Barroom Floor (Westminster WP 6056) is a highly original "documentary" - for want of a berrer term - that will tickle the risibilities of any frequenter of a neighborhood ravern, past or present. Serencly uninhibited by producer Ben Hall's tape recorder, the "Regulars" of

Continued on page 98

HIGH FIDELITY MAGAZINE

KHACHATURIAN: Gayne

PROFESSIONAL HIGH-FIDELITY SERIES UR-X107 \$4.98



**MUSIC FOR PLAYBOYS** TO PLAY BY The Holy-wood Playboys Orchestra, cond, by Mahlon Merrick, favorite on the Jack Benny shows. With Russ Taylor and The "Sportsmen" Quar-bala Notas by Jack Benny. tette. Notes by Jack Benny. UR-9012 \$3.98



POPULAR SCIENCE VOL. It Tast record utilizing the true musical tones of 15 instruments. Gives you a new perspective to orches-tra composition. UPS-2 \$3.98

96

# The Music Between

### by Murray Schumach

**F**EW industries can combine the sacred and profane aspects of Christmas as tidily as record makers. During this season they can be in good taste with a choice that covers centuries and continents, that ranges from the church to the jukebox and from naïve piety to near-Rabelaisian merrymaking. They can bring the rebec to the microphone or the microphone to the carillon. Their ourpouring of Christmas longplaying discs should solve many problems for those who hesitate to risk a friendship on the color of a tie, or on the texture of a cashmere scarf.

This year American record companies have ranged far afield in their search for Christmas music. There is a batch of eight LPs from Capitol, for example, sampling yuletide tunes from Sweden, Holland, Spain, Mexico, France, Germany, Italy, and England.

My favorite was Christmas in Spain (T 10094), which brings the most unusual Christmas music I have ever heard. It has at times the fire of flamenco, the drive of a jota. Often marked by rhythms similar to a tarantella, these songs call, without any impropriety, upon a sort of gypsy singer, a guitar, a tambourine. Even in Silent Night, Holy Night, the women's voices have a dark, erie quality.

voices have a dark, eerie quality. An entirely different flavor emerged from Christmas in Sweden (T 10079). Here we have the homey, cheerful songs and dances we associate with Scandinavia. Adults and children are joined in chorus, and the entire record — though it must have been produced with great care exudes a delightfully casual atmosphere that suggests everything indigenous to the Northland but the taste of aquavit.

A more solemn phase of Christmas is caught on Christmas in Holland (T 10096). Here the Amsterdam Choir, featuring a fine boy soprano, is bolstered by a reverberating organ and the Carillon of Delft. The French contribution, Christmas in France (T 10108), is a delight in restrained sweetness. The Child Singers of Versailles have an overpowering innocence and a measured pace quite in keeping with the French tradition that has Père Noël arriving on a careful donkey instead of a sled drawn by breakneck reindeer. The Mexican chapter, Christmas in Mexico (T 10092), stands up well as long as it uses posada singers - the equivalent of our carolers - and their music. Its weakness is that it occasionally resorts to commercial arrangements of songs that seem little related to Christmas.

As might be expected, some big-name singers make their Christmas obeisance on records. One of these is Frank Sinatra, who is represented by *Christmas Dreaming* (Columbia CL 1032). As usual, Mr. Sinatra knows instinctively how ro handle his material. The delivery is simple, stressing the beauty of melody and words of such traditional hynns as *It Came Upon the Midnight Clear* and *Silent Night. Holy Night.* The orchestra is unobtrusive and the chorus is heard only when necessary. Just to show that he hasn't lost his flair for a rhythm number, Mr. Sinatra does a cheery Let It Snow! Let It Snow! Let It Snow!

Much as I admire Mr. Sinatra, I think he has been topped this Christmas by Gisele MacKenzie, who has done Christmas with Gisele (Vik LX 1099). She brings clarity and tenderness to Dans Cette Etable, touching warmth to Les Anges dans nos Campagnes, exquisite restraint to We Three Kings of Orient Are. For Good King Wencestas she releases a special reservoir of mirth.

But the finest Christmas record I have heard this year is least likely to break sales records. It is *Music of the Medieval Court* and Countrystide (For the Christmas Season), recorded by the New York Pro Musica Antiqua (Decca DL 9400). Only the integrity and musicianship of such a group, and the superb direction of Noah Greenberg, could have produced this magnificent recording of vocal and instrumental music from the Middle Ages which conveys the spirit of innocent faith so perfectly.

ON THE BROADWAY stage, West Side Story, is impressive mainly because of its dancing and the music that propels its action. On Columbia's original-cast recording (OL 5230), the music still projects excitement, but it has to contend with some insurmountable weaknesses. Not even the tingling score can convey the power of the breathtaking opening ballet; the fire of the settlement house dance; the savagery and animal beauty of the knifing fight. Moreover, on the record the worst weaknesses of the show - its singers - are even more apparent without the camouflage of dancers and sets. Mr. Bernstein wrote for singers and gor crooners. This is, then, a record to be relished by those who enjoyed the show. Without Jerome Robbins' chore-ography, West Side Story is a weak tale that needs more than a diamond needle.

THE MOVIES this month have produced a better singer than Broadway. From the sound track of *The Helen Morgan Story*, RCA Victor has culled an excellent record (LOC 1030). Actually it amounts to a recital by Gogi Grant, who dubbed the songs for the movie. With a warm, full voice, a sense of dramatic values, and a feeling for lytics as well as melody, she proves that she is worthy of such songs as Wby Was IBorn? or Someone To Watch Oner Me. Not only can she sing, she captures the frail essence of Helen Morgan — and with, I think, a better voice.



BRAHMS

(Opus 73)

Symphony No. 2 in D Major

Just in time for Christmas gift giving.

> Glorious Vienna Philharmonic sound

539 W. 25th STREET, NEW YORK I. N. Y.



"America's finest singer of folk songs"\* in a new series of high fidelity recordings that have wan the acclaim of critics throughout the country — produced under the supervision of Mr. Dyer-Bennet and

### **RELEASED UNDER HIS OWN LABEL**



### NEW RELEASES

Richard Dysr-Bennel 4 (DYB 4000) includes Rising at the maan. The three ra-ent. The swagman, The bonnels of bannie Dundre, The Kerry terruit, Drill, ye fortiers, drillt, The laggy, laggy dew, The law, Three tailors, The Spanish lady, objest.

Richard Dyer-Bennet 3 (DYB 3000) includes Lillis Burlero, Go down Mosos, Dinah ond Villikens, Charlie Is my darling, The lady who laved a swine, The lass from the law country. The hause Corporater, Nacoleon's rutreat from Mascow, Willie Taylor, others:

### **OTHERS IN THIS SERIES**

Richard Dyer-Bennet 2 (DY8 2000) includes Cock Rabin, Blow the candles out, The beggor man, The garden where the proceiles grow, Cachtathelts, Jan Minnerk, Eggs and marrowbane, Turkin Reverie, Carn rigs are bannic, Wamani Ga homel, others.

"Superb... Dyer.Bennet is America's inest singer of laik songs. All the qualifies that shape his pre-aminence are present in abundance; the parity and control of his high, hawking tema; the clarity of diction, the faultieus musicianship. In summation, a superb release by a superb ortist. Muss it o) your peril." Howard LaFay, High Fidelity

"Marvelous... the work of a new 20th Century Inoubadow. I shall never the of it and neither will you." John M. Conty. The Atlantic Monthly

"Outstanding ... performances, outstanding engineering." The Billboard

"Great...o must for all ballod lovers." Arthur Fetrläge Boston Herald Richard Dyor-Bannet 1 (DYB 1000) includes

Lanesame volley, Vicar al Broy, The jays of lava, Down by the Sally Gardens, The bold Fenion Men. Melly Brandigan, Down in the volley, Three tishen. Olt in the stilly night, The Earl of Morey, others.

Of In the stillty sight, the Earl at Morey, others. "A masterpiece..., those who admire Dyer-Bennet's ari have fong heard rumars that he has not been happy with the recardings of his work that various components about previous recordings. This first release under his own label is the linest album he has yet recorded. The unging is tops, the angineering is superb. Without a doubt this is a masterpiece of lits kind."

Konneth Galdstein, The Record Changer "Magnificent...DyerBennet is a class by himsell lops." Evons O'Brion, Boston Herold

"Profoundly imaginative...one of the most tewarding albums we have heard in mony a year. Beautiful, clean, initimate reproduction. An album to be treatured." Pout Little, syndicated record reviewer

"His best recording...l cannot recommend it teo highly!" Elinor Hughes, Bestan Traveler

Each 12" LP \$4.98 ppd At your dealer or order direct

Dyer-Bennet Records Postal Box 235 Woodside 77, N.Y. Wille for complete satalooue



Distributors: clinice terrifories still open McCarthy's Bar and Grill—a New York drinkery—sing, recite, and refresh themselves "at the end of a long winter's Sunday afternoon when spirits were high (and still flowing)." The soloists are flatter than last night's beer and the choral efforts boast as many keys as they do members; but there is a patina here, a camanderie of good humor, that shines through. The record is very funny and at times, by implication, it is a little sad. Ar all times it is warmly human. Off-beat and recommended.



### "Ann Leaf at the Mighty Wurlitzer." Westminster WP 6064.

Organs have become prime targets these days for record companies concemplating sonic extravaganzas. Westminster falls into line here in pitting diminutive (she stands under five feet) Ann Leaf against the mighty console of the Byrd Theater Wurlitzer in Richmond, Virginia. It's a happy pairing. Miss Leaf has been fingering organ keys for radio listeners since way back when, and her art has not faded. She commands, and the instrument obeys with a voice which, even on records, speaks to be noticed. Some of the most impressive, almost subsonic rumblings on records today give firm body to the echoing clatterings of the midrange pipes. If the Byrd Theater is not huge, Westminster has succeeded in convincing listeners that it is, with microphoning which sacrifices nothing.

### The Band of the Coldstream Guards. RCA Victor LPM 1480,

This is one of the first band recordings that generates sufficient energy in the bass region. The sound of the ensemble leads one to believe that it was recorded in a moderately large hall with a fairly long reverberation time, yet the sound is not muddled by an undue amnune of echo, and the full strength of fortissimos pounds ears satisfyingly without undue overemphasis. Marches are played exclusively, and played well; Anchors Aweigh, National Emblem, and Radetsky March are the most familiar, The excellent balance of sound, in which cymbals have been pulled down where they belong and bass and thythm instruments raised to a realistic level, puts this disc head and shoulders above most of its competitors in the band field.

### "Bernie Green Plays More Than You Can Stand in Hi-fi." San Francisco Records M 33015.

This is a hilariously delightful sequel to Hi Fi Music for Hounds by the same company. Bernic Green's orchestra — it really is an orchestra — plays as if the members are having a wonderful time, and the arrangements are uproarious. Imagine, if you can, a running scale passage from Liszt's Hungarian Rhapsody No. 2 played on one kettledrum; or the Minute Waltz arranged for saxophone quintet; or a Concerto for Calliope. The sound is excellent, but it is Bernie's clever musical joshing that appeals the most. "Breaking the Sound Barrier, Vol. 1 --Percussion." American Percussion Society, Paul Price, cond. Urania UX 106

"Conflict, A Study in Hi-Fidelity Percussion." Paul Kraus, cond. Golden Crest CR 4004.

Next to organs, locomotives, and jet aircraft, drums and percussive fellow travelers stand high on the list of sounds used for demonstration purposes on high-fidelity equipment. Here are two miscellanies of pieces written especially for percussion.

The Urania record includes: Ionisation, by Edgar Varèse; Canticle No. 3, by Lou Harrison; Four Holidays, by Harry Bartlett; Introduction and Allegro, by Jack McKenzie; and Three Brothers, by Michael Colgrass. Forty-five (they're listed) different instruments are used at one time or another, and the sounds they produce, at times weird and unrealistic, will if one listens long and intently enough convey something that undoubtedly has meaning. The recording of each work is excellent. Reverberation has been held quite low for maximum clarify, yet body and roundness have not been sacrified.

The Golden Crest record includes: Conflict, by Douglas R. Allen; Three Brothers, by Michael Colgrass; Nonet, and Three Dances, by Jack McKenzie. It appears to have been recorded in a much deader locale, with a resultant aid to clarity and separation between instruments.

Both records are extremely well done, and will hold interest not only from a sonic point of view. Aside from a choice of program material, selection must be based on whether you prefer the dry, crisp sound of the Crest version, or the mellower but less transparent treatment by Urania.

### "Hi-fi Music for Children." Russ Garcia and his orchestra. Liberty LRP 3065.

Most of the sungs on this record are oldtime childhood favorites (Twinkle, Twinkle Little Star and Mary Hod a Little Lamb) but a few newcomers (Mickey Monse March and Davy Crockett) adapt it to the modern generation of youngsters. Trite and familiar as some of the songs are, they appear here with new freshness in imaginative arrangements. The recording has ultrawide dynamic contrasts, and excellent microphoning perfectly balances the close-up solos with full orchestra passages. Although the pieces are short and continuity presents a problem, it is amazing to see what can be done with nursery tunes when skillful orchestration and artful recording are combined.

### "Paul and the Calliope." Golden Crest CR 4005.

Paul Jouard, who manipulates the controls of the Deansboro [New York] Musical Museum instrument, is an orchestra leader who directs a group at an Adirondack night spot. Basically, he is a pianist and organist, but the calliope appears to present no great difficulty to one so versed. As a result, he handles the tiny contrivance with dexterity. The instrument here recorded is not the manimoth, steam-driven monstrosity associated with mental pictures of the prejukebox era, but a smaller, self-wheeling version about the size of an upright piano. Consequently, it has an off-key merry-goround sound distinctly reminiscent of typical community carnivals. Paul manages to make marches, polkas, and waltzes sound as ludicrous here as they do (or did) in an authentic ferris-wheel milieu, and the perfectly dry, out-of-doorsy sound fits the mood perfectly.

### THE BEST OF JAZZ by John S. Wilson

### THE BROTHERS CANDOLI Dot 3062. \$3.98.

Pete and Conte Candoli, veterans of the modern big-band jazz scene, pair off in brilliantly brassy duets and chases, interspersed by short solos. Pete's arrangements keep the group (two trumpets, three rhythm) working together all the time, avoiding long, lonesome solo excursions. An excellently recorded and imaginatively conceived display of polished jazz brass.

### TEDDY CHARLES: Vibe-Rant ELEKTRA 136. \$4.98.

Somewhat obscured in the arranged precincts of Olio, Charles lets down his jazz hair and really relaxes in the freedom of an out-and-out blowing session here, a session highlighted by his own gracious vibraphone work and the full-voiced, soaring, occasionally erratic trumpet of Idrees Sulieman.

# LOU DONALDSON QUINTET: Wail-

BLUE NOTE 1545. \$4.98.

Donaldson, an alto saxophonist, combines a warm, full tone, remarkable dexterity, and a roaring sense of swing. He soars off at amazingly fast tempos with casual fluency; precise execution, and nearly organized ideas, a combination of qualities almost never found in other neo-Parkerites. What's more, he plays a ballad (There Is No Greater Love) with real feeling. The blend of polish and heart that he reveals on this disc is, at times, overwhelming. Trumpeter Donald Byrd, possibly benefiting from the association, is more fluid, more sensitive than one has come to expect. The weakest element is the rhythm section (Herman Foster, piano; Peck Morrison, bass; Art Taylor, drums), but Donaldson himself has such assurance and strength that he could sweep along almost any rhythm section.

### DOC EVANS AND HIS BAND: Classics of the '205

AUDIOPHILE AP-50. \$5.95.

Evans continues to be the warmest, most sensitive, and unghoulish digger in the dear dead days of jazz. On one side of this graceful, unhurried disc, he pairs his corner with that of Bob Gruenenfelder io clear, crisp duets in the Armstrong-Oliver style (Frog-i-More, Snake Rag, Sweet Lovin' Man, New Orleans Stomp are the tunes). On the other side he leads his usual line-up through equally fine material — Perdido Street Blues, Sidewalk Blues (complete with J. R. Morton's vaudeville opening and klaxon break), Wild Man Blues, Buffalo Blues, Chicago Breakdown. Dick Pendleton is an increasingly assured and keen-edged clarinetist, and Hal Runyan's trombone is delightfully strong and burry. Evans himself plays with casual magnificence.

### TAL FARLOW: The Swinging Guitar VERVE \$201. \$4.98.

The clangor of Farlow's colorless, steely guitar rings through most of this disc, but there are occasional refreshingly sunny breakthroughs by Eddie Costa's hot-blooded, wallopingly percussive piano.

### ELLA FITZGERALD AND LOUIS ARMSTRONG: Ella and Louis Again VERVE 4006-2. Two 12-in. \$9.96.

The sequel jinx hits again. These two discs lack the impact of the original Ella and Louis, although there's a rollicking, loosejointed Stompin' at the Saroy that belongs with their best. Several of the selections this time are solos by either Miss Fitzgerald or Armstrong, none especially notable and one — Armstrong's Let's Do It — positively deadening. The completely joint efforts both voices plus Armstrong's trumpet are generally more satisfactory than the solo ventures.

### STAN GETZ: Intimate Portrait AMERICAN RECORDING SOCIETY 428. By subscription.

Getz leads a quartet made up, aside from himself, of Swedish musicians. One of the Swedes is Bengt Hallberg, the pianist, who has little trouble stealing the set from Getz whenever he is given a solo opportunity. However, Getz has most of the space, playing his tenor saxophone with a dark, fudgy tone that has more body than his earlier wispy style and suggesting occasionally that he is acquiring a more forceful attack. In contrast to Getz's tentativeness, Hallberg is assertive, assured, and brimming with expressive ideas.

### DIZZY GILLESPIE AND HIS OR-CHESTRA: Dizzy in Greece VERVE 8017. \$4.98.

There's a good display of the scope of Gillespie's band here — novelty (School Days), blues (Cool Breeze, Hey Pete), ballad (Yesterilays). Afro-Cuban (Tin Tim Deo), bop classic (Groovin' High), classical invasion (Annie's Dance). This band has a free-wheeling ensemble swing that the usually more highly regarded Basie band lacks at present. The soloists on this disc — notably Gillespie, trombonist Frank Rehak, and alto saxophonist Phil Woods have richer individual voices than any of Basie's men. The high point is a welldeveloped version of Yesterilays, on which a warm, singing Woods emerges brilliantly from the Parker forest.

### CHICO HAMILTON QUINTET: Sweet Smell of Success DECCA 8614. \$3.98.

Hamilton's remade quintet (with Paul Horn replacing Buddy Collette on reeds and flute, John Pisano in for Jim Hall on guitar) reaches a recording peak on this disc that surpasses anything done by the



earlier quintet. The particular high point is Goodbye Baby, a blues theme from the film, Sweet Smell of Success, a polished and well-nigh perfect jazz gem. The structure of the piece and the solos by alto and guirar are excellent, but the record is most fascinating when Fred Katz demonstrates how movingly the natural mountfulness of the cello's tone can evoke the blues. One side of the disc, which includes this selection, is made up of pieces played by the Quintet on the sound track of the film a generally intriguing group of numbers. The other side is a long, extemporized "concerto" developed from these same themes, an experiment in extended improvisation which has its moments but rarely matches the best of the individual treatments of the themes.

TED HEATH: Spotlight on Sidemen LONDON LL 1721. \$3.98.

Freed from the sometimes stifling arrangements that Heath carries, his sidemen are an impressive and varied set of individuals. Each man gets a crack at a solo showpiece on this disc. As might be expected, Bobby

### Advice to the Christmas Jazz-Shopper

WHEN you come to the jazz fans on your Christmas list, it is well to remember that tastes, as well as taste, are ruling factors in making a proper choice of records. It won't do simply to put them down for just any "good" jazz record because it's doubtful if any jazz devotee's enthusiasm actually em-braces the entire spectrum of jazz. The traditionalist may tolerate modern jazz. and vice versa, but each knows where his heart is. In between the two lies the swing-bred buff who may find occasional things to glow about in both camps but is happiest with the loping, melodious style that centered around Benny Goodman.

But how is one to distinguish these types? The direct method is to approach the prospective recipient and murmur, "Bird?" If his eyes light up with a fanatic gleam and he breathes, "The most!," buy modern. If he shudders, move to the other ear and whisper, "Jelly Roll?" An ecstatic groan would indicate that you have a traditionalist. A pained shrug could imply either that your beneficiary is a swing man or that you'd better think of something other than a jazz record.

A traditionalist ought to be able to live in a protracted state of euphoria from Christmas until Easter with Classics of the '20s by Doc Evans and His Band (Audiophile AP 50) - warm, loving, and carefully recorded evocations of Morton, Oliver, and early Armstrong -including four selections on which Evans and Bob Gruenenfelder tangle in some brilliant cornet duets. As an alternative, there's Music To Listen to Don Ewell By (Good Time Jazz L 12021), a mixture of period piano solos by Ewell and delightfully Mortonish trio works in which he is joined by clarinetist Darnell Howard and drummer Minor Hall. If your pocketbook is heavy and your list includes so rabid a traditionalist that he wants the real stuff - foggy old-fash-ioned recording and all - get the lushly packaged, five-disc History of Classic Jazz (Riverside SDP 11), a magnificent summation of early jazz.

The swing fancier should relish Braff! ( Épic LN 3377), on which the mellow, reflective trumpet of Ruby Braff pores over nostalgic tunes with such admirable belpers as Coleman Hawkins, Freddie Green, and Dave McKenna. For a broader interpretation of swing, one that works in the polyphonic concepts of traditional jazz along with welldigested modern influence, it would be hard to surpass Tbe Gerry Mulligan Quartel (Pacific Jazz PJ 1228). The best recent exemplification of the big swing-band comes, oot surprisingly, from Sweden, where a fascination with swing lives sturdily on. It's played by Harold Aroold's Swedish orchestra, disguised as Tbe Jazztone Mystery Band (Jazztone 1270, now, with others of this company's records, available at record shops as well as by subscription).

In the modern area, The Modern Jazz Quartes (Atlantic 1265) is the best one-disc collection produced by this pace setter among modern chamber groups. And in the farther reaches of experimental jazz, the iconoclastic Thelonious Monk expresses himself with provocative clarity as a vinegary composer, arranger for a small group, and piano soloist on Brilliant Corners (Riverside RLP 12-226).

Another experimental facet of jazz, extended composition, reaches an unusually successful level of sound development in works by J. J. Johnson and John Lewis, played by The Brass Ensemble of the Jazz and Classical Music Society on Marie for Brass (Columbia CL 941), while that ageless master, Duke Bllington, is in his best form in a decade in a bright and amusing long piece, Such Sweet Thunder (Columbia CL 941).

For those who like their jazz accompanied by lyrics, the latter rarely have been suog with more authority or plaintive eathusiasm than Jimmy Rushing brings to The Jazz Odyssey of James Rushing, Esq. (Columbia CL 963). In the keyboard line, there's something a little different and thoroughly superior in Les Strand Plays Jazz (Pantasy 3242) for Strand is that rarity, an organist with a subtle and sensitive feeling for jazz.

Finally, for desperation cases which refuse to fall into any of the above pigeonholes, there is a solution: The Big Challenge (Jazztone, 1268) wherein some monumental jazz figures trumpeters Cootie Williams and Rex Stewart, trombonists J. C. Higginbotham and Lawrence Brown, saxophonists Coleman Hawkins and Bud Freeman — urge each other on to a display of rich, nourishing jazz that should appeal to any reasonable taste. JOHN S. WILSON Pratt, Heath's most brilliant soloist, produces an exhilarating mixture of virtuoso trumpet work and strong jazz flavor. Less expected, thus even more welcome, are pianist Frank Horrox, usually heard in "pretty" solos, digging into Love for Sale with muscular assertiveness, and also saxophonist Leslie Gilbert, whose clarity and style often get lost in the Heath shuffle.

### AL HIRT'S JAZZ BAND BALL Verve 1012. \$4.98.

One of the most beautiful jazz performances ever recorded is on this disc: clarinetist Pete Pountain's soft and sensitive development of Tin Roof Blues. It is an impressively clean and logical conception, flawlessly played. Fountain enlivens every track, once (on Washington and Lee Swing) unleashing a jabbing, rawboned version of the normally pastel-toped New Orleans tenor saxophone. Trombonist Bob Havens, a relatively recent convert to Dixieland, is filling out in interesting fashion, apparently influenced by Abe Lincoln's broad, brash attack. Hirt, a trumpeter, has a slapdash style effective in ensembles but unpredictable on solos. The session that produced this disc was a valedictory of sorts for Fountain. A week later he joined Lawrence Welk.

JOHNNY KEATING AND HIS ALL-STARS: Swinging Scols Dot 3068. \$3.98.

Add jazz to usquebaugh, scones, and shortbread as an eminent product of Scotland. Keating, a Ted Heath arranger, has assembled twenty Scotsmen who are among Britain's best jazzmen, split them into groups of varying size, and drawn from them direct, swinging performances that sit solidly in the current mainstream of jazz. The ensembles bite lustily, the solos are generally meaty, and the spirit is fresh and vital.

MOE KOFFMAN SEPTET: Cool and Hot Sax

JUBILEE 1037. \$4.98.

These Canadiaos play an able brand of loose, swinging modern jazz scarcely distinguishable from the work of many orher groups which work the same fashionable territory. Koffman hits hard on the alto saxophone and Ed Bickert is a guiracist with an appealingly low-down tone, but the rest of the group fails to rise out of anonymity.

YUSEF LATEEF QUINTET: Jazz Mood SAVOY 12103. \$4.98.

Though these exercises in funky exoticism involve the one-stringed rabat, the flutelike argol, the scraper, and finger cymbals as well as trombone, saxophone, flute, bass, and drums, they stay soundly within the realm of jazz in feeling and rhythm. The odd instruments are used mostly as accents, as mood setters, and the bulk of the playing is by Lateef's strong, flowing tenor saxophone, his visceral flute, and the trombone of Curtis Fuller, easier and more fluent in these steamy surroundings than he was in the arid reaches of his recent Blue Note disc. This is jazz with long, supple coots, dressed out in unusual and quite becoming Arabian finery,

### MUNDELL LOWE: A Grand Night for Swinging

RIVERSIDE 12-238. \$4.98.

Both guitarist Lowe and pianist Billy Taylor, who have neglected the full-blooded, swinging side of their talents on recent discs, set out to correct the balance on this one. Lowe seems to have little trouble reverting to an early style, but Taylor finds it a bit harder to shake his ingrained delicacy (but *Crazy Rhythm* shows that he *can* do it). Alto saxophonist Gene Quill is present on three of the seven bands with his predictable, bland Parkerisms.

### OPUS IN SWING SAVOY 12085. \$4.98.

Frank Wess's flute and Kenny Burrell's guitar, backed by a rhythm section of Freddie Green, Eddie Jones, and Kenny Clarke, bring back memories of the lithe grace of the old Basie-bred Kansas City Six. Aside from a trite Over the Rainbow (baldly billed in the liner notes as a throw-in for squares), everything has a delightfully easybreezy quality, spun out over Green's buoyant rhythm guitar.

### KNOCKY PARKER: Old Rags AUDIOPHILE AP 49. \$5.95.

Everything here is not a rag (Waller's Bond Street and Alligator Grawl and Morton's The Pearls are included), but Parker has consistently heeded ragmaster Scott Joplin's imprecation against playing fast. Patker's rags are light, delicate, and geotly melodic, not at all the zippy, whippy, tinkletankle performances heard too often. There are times when he seems to carry the easy approach too far—a cakewalk like At a Georgia Camp Meeting scarcely sounds right as a lullaby. But there is style and a fine feeling for form in most of Parker's quiet explorations. He has been excellently recorded — with breadth, depth, and height.

### BILL PERKINS-RICHIE KAMUCA: Tenors Head-On LIBERTY 3051. \$3.98.

Eight lightly airspun tenor saxophone duets by two of the most able descendants of Lester Young. The most probing passages are the soaring, vinelike intertwinings of the two horns in the opening and closing sections of each tune, a form of ensemble improvisation practiced all too infrequently these days. Their solos are erratic—sometimes luminous, at other times lackadaisical. Pete Jolly has several charging piano solos and, with Red Mitchell and Stan Levey, maintains a floating, pulsing support.

### SAMMY PRICE AND HIS ROMPIN' STOMPERS: The Price Is Right JAZZTONE 1260. By subscription.

There is nothing subtle about Price's traditional group. Much of their playing is rough unto the borders of crudiry. But they have a heartiness that carries them through the bad moments, and when things jell properly (usually when Emmett Berry's trumpet is to the fore) their jazz bristles with excitement.

JOHNNY RICHARDS AND HIS OR-CHESTRA: Wide Range CAPITOL T 855. \$3.98. Richards' past inclination to write in a constantly ear-shattering blast is held in check this time so that his feeling for melody and his sensitive ensembles can be heard properly. This is an ably chosen collection of Richards' arrangements played with obvious relish by a sure-footed, aggressive band. Unusually good big-band jazz.

### BROTHER JOHN SELLERS: In London LONDON LL 1705. \$3.98.

Brother John is a gospel singer who has strayed. He includes a pair of church songs on this disc but spends most of his time exploring the blues, including Bessie Smith's masterly *Backwater Blues* and Leroy Carr's *In the Evening*. He has a strong feeling for his material and a lusty approach that might have been conditioned by his friend, Bill Broonzy. His only real flaw is a voice too smooth, too sophisticated for what should be rough-grained, rawly stated performances. He gets well-designed support from a group of English jazz musicians, especially from Wally Fawkes's billowing, Bechet-like clarinet.

### LAWRENCE WELK AND HIS DIXIE-LAND BOYS: Lawrence Welk Plays Dixieland

CORAL 57146. \$3.98.

Clatinetist Pete Fountain, the brightest jewel of latter-day New Orleans, has succumbed to the lure of Welk's gold and is now head boy in Welk's Dixieland Boys. It should come as no surprise that Welk's coocept of Dixieland involves the use of a doctored, tinny piano, but despite this and in the face of stiff ensembles and a plodding beat, Fountain's playing remains warm and compelling. An unbilled trumpeter (George Thow?) and a trombonist get in a few good licks, too. But Fountain is simply marking time in these surroundings.

# RANDY WESTON: The Modern Art of Jazz, Vol. 3

DAWN 1116. \$3.98.

Leading both a trio and a sextet, Weston makes clear on this disc that his playing is most effective when he is working in a Monkish idiom. The best of the eight selections in this group are a trio perform-ance of Loose Wig, a Weston original that owes a bit to Horace Silver and even more to Monk, and a sextet version of a Monk composition, You Needn'r. Weston tries several other things in the course of the disc - a bright calypso, a slow ballad, etc. - but his best vein is the Monk type of "funk." His sexter includes Ray Copeland, a capable trumpeter, and Cecil Payne, a pale and watery baritone saxophonist who proves to be vasily better on alto when he switches instruments on You Needn't.

### CLAUDE WILLIAMSON'S TRIO: Round Midnight

BETHLEHEM 69. \$4.98.

There is more variety in this set than Williamson, a pianist, has shown in the past, although he can't quite bring himself to cut the silver cord that binds him to the cliches of the glib school of single-note pianists.

\*\*\*\*\*\*\*\*\*





A very merry Christmas from A turning point in the history of recording "inspired . . . wonderful . . finest offering on records." The Atlantic Monthly

**The Messiah,** by Handel London Symphony Orchestra, London Philharmonic Choir and soloists; Conducted by Hermann Scherchen. Three record Album. List Price \$13.50 **XWN 3306** 

The complete "Nutcracker" ballet featuring a deluxe program book with full color illustrations of the New York City Ballet Company production as will be seen on CBS-TV. This performance, says High Fidelity Magazine, "reveals Rodzinski as a dancemusic conductor, exhibiting a new gracefulness...revealing attractions which few listeners can ever have realized existed in this score."

The Nutcracker, by Tchaikovsky Philharmonic Symphony of London, Conducted by Artur Rodzinski. Two record Album. List Price \$9.95 OPW 1205

A fascinating gift for children and adults, too! Garry Moore narrates this unique version of two great classics. Includes the natural sounds of animals recorded at the Bronx Zoo.

### Peter and the Wolf

(Side 1) by Prokofieff; Garry Moore, Narrator. Philharmonic Symphony of London, Conducted by Artur Rodzinski.

### **Carnival of the Animals**

(Side 2) by Saint-Saens; Garry Moore, Narrator. Vienna State Opera Orchestra, Conducted by Hermann Scherchen. List Price \$3.95 XWN 18525

WESTMINSTER

The record albums above are just three of a thousand titles in the famous Westminster catalog. Send for your *free* copy of this catalog today. Just write the word "catalog" on a postcard, along with your name and address, and send it to Westminster Recording Sales Corp., 275 Seventh Avenue, New York City. Dept. A-12.



HIGH FIDELITY DISCOGRAPHY NO. 37



# Schumann: Orchestral and Chamber Music

### by HAROLD C. SCHONBERG

WHEREAS a good portion of Schumann's piano music seems to be as popular with recitalists as it ever was, the orchestral and chamber music (always excepting the Piano Concerto and the Piano Quintet) has been slipping. It is true that each of the symphonies gets an occasional hearing, but none of them could be considered among The Fifty Pieces. Nor do we often hear them as the composer conceived the scores. Schumann was a notoriously poor orchestrator, and most conductors touch up the orchestral music a little or a good deal, depending on the outlook of the conductor. In concert I have heard Munch present a D minor Symphony that was all but unrecognizable, what with instrumental reinforcements and actual rewritings. Toscanini, on the other hand, in the Manfred Overture contented himself with a few modest doublings, and Kletzki, in the same work, also hews pretty close to the original.

There is no denying that the orchestral music, as it stands in the original score, is not the most colorful sound that the romantic age produced. And yet what beauties there are in the music! As in most Schumann, the writing is intensely personal, always intensely melodic, and filled with that species of romanticism peculiar to Schumann and to Schumann alone. The symphonies of Mendelssohn, composed at about the same time, roughly speaking, are formally much superior specimens than the flawed Schumann ones, but I would not trade the pretty, prissy five of Mendelssohn for any one of the Schumanns. In the four Schumann symphonies are a depth and a flaming, unquenchable belief that none of the romantics approached; and when I hear the music I see and feel the man. The same is true, though to a lesser extent, of the chamber music. Even the last two trios, among Schumann's weakest works (he was a very sick man when he composed them), breathe the dedication of a life's devotion to music.

Only currently available Schumann discs are discussed below, unless specifically noted otherwise. Both of the widely read catalogues list many Schumann discs that have long been discontinued. About ten versions of the Cello Concerto, for instance, and about fifteen of the Piano Concerto, are listed; but half of these can be located only by a detective agency. Both catalogues also list versions of the symphonies that have been missing for several years. All records cited here are single twelve-inch discs, unless otherwise stated. The second and subsequent references to the same recording are listed in abbreviated form.



# If you are interested in CONTEMPORARY MUSIC ... or would like to learn about it -

Enjoy finest Contemporary music at its high-fidelity best . . . brilliantly played by one of the nation's outstanding symphony orchestras . . . flawlessly recorded by Columbia Masterworks . . . and interpreted us the composer intended.

This is a rare opportunity to possess exclusive FIRST EDITION RECORDS-first recordings of newly commissioned works by leading composers, played superbly by the renowned

### LOUISVILLE ORCHESTRA Robert Whitney, Conductor

These "collector's item" tecordings are available for a limited time, from the Suciety only. They are a priceless collection of new, exciting music . . . the finest expressions of living composers the world over.

### "Splendid sound".

Cleveland Plain Dealer

"... a service to music unequalled". Christian Science Monitor

"... the reproduction is a model of clarity". St. Louis Globe-Democrat

"... recording and performances, excellent". Piusburgh Post-Gazette

"... quality higher than critics dored hope". Time Magazine

In addition to their musical brilliance and technical perfection, First Edition Records give you the satisfaction of establishing yourself as a patron of today's finest music. The Louisville Philharmonic Society is a non-profit organization . . . income from record sales is used in the commissioning of still further works.

### . TRY THEM-NO OBLIGATION!

LOUISVILLE PHILHARMONIC SOCIETY

Dept. G-11, 830 S. Fourth St., Louisville 3, Ky. Please enter my subscription for First Edition Records (12", LP, two sides) and ship me the cutrent release, at the subscription price of \$4.98, postage prepaid.

I understand that, if I am dissaliafied in any way, I may cancel this subscription within 30 days, and keep the record, without cost. Otherwise you may continue to send me future releases (one every two mouths, at \$4.98 cuch) until I cancel my subscription.

I also understand that this subscription collifer one to buy previous issues, if I wish them, at \$6.95 each instead of \$7.95.

Numa	
Address	and the second second
City	State

### CONCERTOS

CONCERTO FOR CELLO AND ORCHESTRA, IN A MINOR, OP. 129 (5 Editions)

A mournful quality pervades this concerto, which is predominantly in the minor key, and even the major sections of the extraordinarily lyric slow movement (although the concerto is in one long movement, it has well-defined areas corresponding to "movements") have a feeling of the minor tonality. It takes a great cellist to convey the lyricism of the music. Much of the solo writing is ungrateful, with emphasis on the lower strings, and too many instrumentalists find themselves groaning along without relief. Of those who have recorded the work, Gendron achieves most success. His immense tone never loses quality, his phrasing has an altogether patrician elegance, and his left hand seems to be infallible. Of his generation of cellists, only Starker has this kind of exactiude of pitch. Ansermet here is collaborator rather than accompanist. Fournier comes close to approximating the essential style. His performance, true, is rather trickyfull of unexpected nuances, reverse accents, and a great deal of vibrato. With all that, a romantic outlook pervades his work and. in the slow movement, a really aristoctatic conception enabling one to forget a few mannerisms that mar his playing. On hearing the Casals performance, on the other hand, one is conscious first of mannerism. This Casals disc has been a great puzzlement to his admirers; it comes close to being anarchistic. The conductor, unnamed on the record, is Eugene Ormandy.

Shafran's performance is interesting. The young (b. 1923) Russian gives the concerto an extremely virtuoso and nor very subtle reading. He has a big style reminiscent of the early Piatigorsky, colorful tonal characteristics, and a vibrato that throbs just this side of vulgarity. Schuster's performance is able but his tone is a bit thin and unresonant. Fine musicianship here, but not always the most sensuous listening.

-Maurice Gendron; Orchestre de la Suisse Romande, Ernest Ansermet, cond. LONDON I.L 947 (with Tchaikovsky: Variations on a racoco theme). \$3.98.

-Pierre Fournier; Philharmonia Orchestra, Sir Malcolni Sargent, cond. ANGEL 35397 (with Tchaikovsky: Variations on a rococo theme). \$4.98 (or \$3.98).

-Daniel Shafran; State Orchestra of the U.S.S.R., Kiril Kondrashin, cond. VAN-GUARD VRA 6028 (with encore pieces). \$4.98.

Joseph Schuster; Los Angeles Orchestral Society, Franz Waxman, cond. CAPITOL P 8232 (with Bruch: Kol Nidrei; J.C. Bach: Concerto in C minor). \$3.98.

-Pablo Casals: Prades Festival Orchestra, Eugene Ormandy, cond. COLUMBIA MI. 4926 (with encote pieces). \$3.98.

### CONCERTO FOR PIANO AND ORCHESTRA.

IN A MINOR, OP. 54 (11 Editions) No orchestral work of Schumann's needs less description. The Piano Concerto is one of his most popular pieces - eternally youthful and romantic. Of all piano concertos io the repertoire, is there one with less virtuosity per se? I doubt it. Even Mozart intended most of his concertos as a vehicle for a great virtuoso, namely, W.A. Mozart. And - quire clearly - Brahms's two "symphonies" for piano and orchestra have the virtuoso pianist in mind. But not the gentle Schumann concerto. Several good performances are available. Perhaps the best, Lipari's poised, elegant performance, suffers from the most inferior sound, though it is of 1946 vintage and not impossible to enjoy. With a quality of aristocracy none of his competitors can readily match, Lipatri alone of all the pianists who have played the Schumann A minor keeps a steady, sure, rhychmic pulse in the last movement. Serkin's disc, released this year, has the richest recorded sound and contains his usual reliable, spirited playing touched by a slight nervous quality. This disc supersedes Serkin's 1948 performance, originally on 78 rpm and later transfetred to LP. Rubinstein's LP also was originally teleased, in 1948, as a 78-rpm album. His is not an economical buy, for Victor has spread the concerto over two sides. The recorded sound stands up well, however, and Rubinstein's red-blooded playing is, as always, a joy to hear. In the Novaes disc is encountered the freest playing, with an uncomfortably (and inexplicably) fast second movement, some very individual ideas throughout, and some light-fingered work that is sheer ravishment. (Vox has withdrawn Novaes' earlier recording of the concerto, with Klemperer and the Vienna Symphony.) The Haas recording is excellenr - lyric, sensitive, and unmannered. The recorded sound is adequate but not very bright-sounding.

From here on the curve takes a sharp drop. Gulda's playing somewhat resembles Serkin's in its clear, forthright attack, but the recording has a bass boom and there is a break between the second and third movements - a break that entirely ruptures the mood, for Schumann has linked the slow movement with the finale. Demus



is prosaic and unimaginative. The best feature about this disc is that it contains the only available LP performances of two other Schumann works for piano and orchestra. Haskil's disc has the dull tonal characteristics typical of early Epics, and the playing cannot be called much more than routine. Gieseking's disc was a disappointment, and neither technically nor tonally can it stand up to the good performances on LP. The Kempff disc was another disappointment. He favors constant, unsertling changes of tempo, and the cotire approach is very sentimental. Nor is there much to recommend, except the price of the disc, about Mewton-Wood's heavy, mannered playing.

-Dinu Lipatti; Philharmonia Orchestra. Herbert von Katajan, cond. COLUMBIA ML 4525 (with Grieg: Piano Concerto). \$3.98. (Originally issued as 10-in. ML 2195)

-Rudolf Serkin; Philadelphia Orchestra, Ormandy, cond. COLUMBIA ML 5168 (with Strauss: Burleske). 53.98. -Attur Rubinstein; NBC Symphony, William Steinberg, cond. RCA VICTOR LM 1050. \$3.98.

-Guiomar Novaes; Pro Musica Orchestra of Vienna, Hans Swarowsky, cond. VOX 8540 (with Kinderszenen). \$4.98.

-Monique Haas; Berlin Philharmonic Orchestra, Eugen Jochum, cond. DECCA DL 9868 (with Mozart: Concerto for Piano, in A, K. 488). \$3.98. (Originally issued as 10-in. D 7522.)

-Friedrich Gulda; Vienoa Philharmonic Orchestra, Volkmar Andreae, cond. LON-DON LL 1589 (with Weber: Konzertstück). \$3.98.

-Walter Gieseking; Philharmonia Orchestra, Von Karajan, cond. ANGEL 35321 (with Kinderszenen). \$4.98 (or \$3.98). -Wilhelm Kempff; London Symphony Orchestra, Josef Krips, cond. LONDON LL 781. \$3.98.

-Clara Haskil; Hague Philharmonic, Willem van Otterloo, cond. EPIC 3020 (with Liszr: Concerto for Piano, No. 1). \$3.98.

--Joerg Demus; Vienna State Opera Orchestra, Artur Rodzinski, cond. WESTMIN-STER XWN 18290 (with Introduction and Allegro in D minor; Konzertstück in G). \$3.98. (Originally issued as WL 5310.)

-Noel Mewton-Wood; Netherlands Philharmonic Orchestra, Walter Goehr, cond. MUSICAL MASTERPIECE SOCIETY MMS 43. 10-in. \$1.65.

### CONCERTO FOR VIOLIN AND ORCHESTRA,

IN D MINOR, OP. 134 (1 Edition) For many years the manuscript of this concerto lay undisturbed. Then it was published in 1937 amid great hullabaloo, accompanied by séances at which Yelli d'Aranyi, who introduced the work, claimed to have been in contact with Schumann's ghost. But nothing helped the work itself. Menuhin included it in his repertoire for awhile and even recorded it, in the 1930s. Nobody today plays it - at least, it has not figured on a New York program for many years. It is one of Schumann's last works, and not a very successful one, despite some brooding passages, occasional moments of inspiration, and an unusual polonaiselike last movement. The strange slow movement is not very distinguished, yet somehow manages to be piercingly sad. One could wish for a more subtle violinist than Rybar, whose LP is the only version. His playing tends to be rough, and a general air of stolidity pervades the disc. Good recorded sound except for inner-groove distortion.

-Peter Rybar; Lausanne Festival Orchestra, Victor Desarzens, cond. CONCERT HALL 1128. \$3.98.

### **OVERTURES**

BRAUT VON MESSIANA OVERTURE, OP. 100 (1 Edition)

Scarcely a repertory item, this work probably has not received a performance in this country for years. It is a concert overture to a Schiller play and one of Schumann's few examples of rhetorical music. It is nowhere near the class of the powerful and imaginative *Manfred* Overture. It oc cupies, on this disc, the last third of side 2 of the Brahms A major Serenade. Winograd seems to feel the music and handles it with appropriate romanticism. Good recorded sound. -Philharmonia Orchestra of Hamburg, Arthur Winograd, cond. M-G-M E 3437 (with Brahms: Serenade No. 2, in A). \$3.98.

MANFRED OVERTURE, OP. 115 (3 Editions)

Byron was one of Schumann's gods, and this Manfred Overture is Schumann at his most Byronic, from the syncopated opening to the despairing sighs that close the work. Small wonder that the work is one of the composer's most successful orchestral pieces. It has everything — a rich harmonic scheme, warm melodies, and considerable rhythmic propulsion. Toscanini, in his recording, touches up the orchestration a bit (he was not always the purist he was reputed to be). His is a violent, breathless interpretation with extraordinary drive, and against it all versions tend to sound pallid. A noticeable "ghost" disturbs the opening; otherwise the recorded sound is good. Kletzki tends toward sentimentalism (this is Byron with a poppy and a lily in his medieval hand), but he has by far the best recorded sound. Münchinger's performance lacks personality, and his orchestra does not have the color of his com-

--Israel Philharmonic Orchestra, Paul Kletzki, cond. ANGEL 35374 (with Symphony No. 3). \$4.98 (or \$3.98).

-Orchestre de la Suisse Romande, Karl Münchinger, cond. LONDON LL 1551 (with Gluck and Handel). \$3.98.

### OVERTURE, SCHERZO AND FINALE, OP. 52 (3 Editions)

In effect this is a three-movement symphony. Though not often performed, it is a really lovely score. Of all Schumann's orchestral works this has most sweetness and grace, and the first movement, "overture," has more of a vernal quality than the Spring Symphony. Had Schumann gotten around to a slow movement he might have published the score as a symphony. The scherzo has as much, and probably more, charm than the equivalent movements of any of the symphonies, and the finale suggests the powerful build-up in the last movement of the Rhenish. Of the three LP performances currently available, 1 prefer the Kletzki, though each has its points. Kletzki is a little livelier than Schuricht (though, curiously, his tempo in the scherzo is slower; Schuricht seems preferable here) and he gets more colorful sounds from his orchestra. Schuricht brings a mellow point of view to the score and a sense of tradition. Collingwood, sober and conscientious, always has matters under expert control. His orchestra, however, has a rather thin sound.

—Israel Philharmonic Orchestra, Kletzki, cond. ANGEL 35373 (with Symphony No. 2). \$4.98 (or \$3.98).

—Orchestre du Conservaroire de Paris, Carl Schuricht, cond. LONDON LL 1037 (with Symphony No. 3). \$3.98.

-London Symphony Orchestra, Lawrence Collingwood, cond. M-G-M E 3102 (with



at

# EKTROSTAT

### CLEANING KIT

The only record cleaning kit engineered to clean record grooves! Contains the first functionally-designed groovecleaning applicator and a recognized anti-static detergent. A few drops of Lektrostat and a few strokes of the special groove-cleaning applicator eliminates static . . . thoroughly cleans not only the surface but the grooves. Sold through dealers in New York area – or

# send <sup>\$200</sup> for complete kit

check or M.O. - no C.O.D.'s





consumer products division

845 Edgewater Rd., New York 59

world's foremost chemical anti-static research organization.



S.M.S.'s 1st anniversary new membership bonus gives you almost 1 hour playing time . . . featuring highlights from the superb stereo recordings of Concertape, Livingston, Onnegatape and Replica, attainable only through S.M.S.

STEREO

TAPES

ALL FOR \$9.00 FULL YEAR MEMBERSHIP

Use this handy application form:

TO: STEREOPHONIC MUSIC SOCIETY, INC. 303 Grand Avenue, Pallsades Pk., N. J. Please enroll me for a 1 year period as a member of the Stereophonic Music Society. I understand that I am under no obligation to purchase any specified minimum of tapes under the Society's Group Purchase Plan. I am to receive the S.M.S. 1st Anniversary Bonus of 4 stereo tapes by return mail, as well as quarterly listings of all stereophonic tapes currently on the market. My Check My Money Order for \$9.00 is enclosed herewith (payable to the Stereophonic Music Society, Inc.)

ADDRESS	* * * * * * * **** * *** * * **** * * *** *
	ZONE STATE
MAKE OF RECORDER	
Stereophonic Stacked	Staggered Monaural
Please send a concerning the	additional information e Society.

Brahms: Academic Festival Overrute; Tragic Overrute). \$3.98.

### SYMPHONIES

SYMPHONY NO. 1, IN B FLAT ("SPRING"), OP. 38 (5 Editions)

Each of the four Schumann symphonies has completely individual characteristics. The Spring, No. 1, is the most transparent and happiest of the four, and the opening horn calls - did Schumann have Der Freischütz in mind? - suggest the vista to a new romantic world. Nothing like this symphony had been written before. It is like an extended song, in classical sonata form only by courtesy. Unformately no satisfactory edition is available. The best-played, that of Ansermet, takes an entire disc, and that is pretty short change these days for a work that runs about a half hour. The interpretation, however, is completely idiomatic, and has a direct flow none of its competitors achieves. Kletzki finely conveys the mood of the introduction, but later on he becomes eccentric. In the choralelike section just before the end of the first movement, for instance, he takes a big ritard, and the performance suddenly stops dead. Every conductor takes a ritard there, and rightly; but as Kletzki does it, the results sound embarrassing. And is the languishing tempo to the coda of the scherzo called for? Leinsdorf's version still sounds clear, despite its 1946 vintage, but it is entirely too businesslike for me. Clarity, yes; color, no. The Remington is a reasonably good low-priced version: a little heavy in the brass and a little heavy on the podium. Nothing very exciting happens, but the music is not misrepresented. The Musical Masterpiece Society manages to get the symphony plus a Mendelssohn overrure on a ro-inch disc. The recorded sound is fair and the performance competent.

-Orchestre de la Suisse Romande, Ansermet, cond. LONDON LLP 391. \$3.98.

-Netherlands Philharmonic Orchestra, Bamberger, cond. MUSICAL MASTERPIECE SOCIETY MMS 148 (with Mendelssohn: Beautiful Melusine Overture), 10-in. \$1.65.

-Cleveland Orchestra, Erich Leinsdorf, cond. COLUMBIA ML 4794 (with Symphony No. 4). \$3.98. (Originally issued as a 78-rpm set, later 10-in. ML 2131.) -RIAS Orchestra, Outo Matzerath, cond. REMINGTON 199-180. \$3.98. -Israel Philharmonic Orchestra, Kletzki,

-Israel Philharmonic Orchestra, Kletzki, cood, ANGEL 35372 (with Symphony No. 4), \$4.98 (or \$3.98),

SYMPHONY NO. 2, IN C, OP. 61 (4 Editions)

What marks the Second Symphony is its intensity. The slow movement is considered by many, myself among them, the jewel of Schumann's symphonic writing. It is one of the most personal, elegiac, deeply moving meditations in the entire literature. One spot in the last movement, too, is unusual even for Schumann. The orchestra builds relentlessly to a climax, and at its very apex, instead of the cumulation of sound one expects, all is released in a mournful clarinet solo over agitated triplet figurations of violins and violas: all passion spent. Szell handles this moment admirably. His is a first-class performance - intelligent and logical, with brisk but not hurried tempos and, above all, whiplash clarity. It may not be an emotional reading, but it must be respected for its honesty and stringent musicianship. This version is dated in sound. Kletzki, who has gorgeous reproduction, uses a heavily retouched scoring. Most conductors add or subtract a part here and there in all of Schumann's orchestral music, but Klerzki has selected (or written himself) a wholesale reconstruction. His conducting does not have the mannerisms encountered in his performances of the first and fourth symphonies; and his recording of the symphony is the only one supplied with a bonus in the form of the Overture, Scherzo and Finale. Paray uses the original instrumentation. He is a methodical conductor without much grace in this symphony, and even the adagio manages to sound prosaic. The "Warwick Symphony" disc is too faded in sound to give much pleasure. Cleveland Symphony, George Szell, cond. COLUMBIA ML 4817. \$3.98.

-Israel Philharmonic Orchestra, Kletzki, cond. ANGEL 35373-

-Detroit Symphony, Paul Paray, cond. MERCURY 50102. 53.98.

—"Warwick Symphony Orchestra" (Philadelphia Orchestra, Ormandy, cond.). RCA CAMDEN CAL 291. \$1.98.

SYMPHONY NO. 3. IN E FLAT ("RHEN-ISH"), OP. 87 (5 Editions)

The Rhenish, most muscular and large-scaled of the Schumann symphonies, has a free-swinging quality, with its broad themes and its surging opening, its frank lyricism, and the sheer exuberance of its ending. As with the First Symphony, there is no fully satisfactory version. The Toscanini disc, taken from the broadcast of November 12, 1949, is pretty harsh and unresonant in sound. Details are hard to hear, and many are completely obscured. What is heard is triumphant. (Among the very audible noises is that of the conductor humming along.) Toscanini's is by far the most intense interpretation. Even the third movement, marked "nicht schnell" by Schumann, comes out very schneil indeed. But Toscanini's control and ability to maintain a singing line prevent the movement from sounding flip. Kletzki's well-recorded version avoids the romantic excesses to which he subjects some of the other Schumann symphonies in his series. Here he even seems to lean over backward, and is matterof-fact where the music cries for a romantic treatment. The third movement is a case in point. Klerzki goes metronomically through instead of caressing the melodies. For the most part, however, a perfectly reliable job. Schuricht's recording is not up to London's best. 'The sound is edgy, perhaps because the necessity of getting all five movements on one side forced externely tight grooving. Naturally Schuricht's tempos are very fast; with so much to get on one side, something had to give. Little need be said about Zecchi's routine performance, or about Dixon's dull one.

-NBC Symphony, Toscanini, cond. RCA VICTOR LM 2048. \$3.98.

-Israel Philharmonic Orchestra, Kletzki, cond. ANGEL 35374.

-Orchestre du Conservatoire de Paris, Schuricht, cond. LONDON LL 1037. -Amsterdam Concertgebouw, Carlo Zecchi,

cond. EPIC LC 3092. \$3.98.

-Vienna State Opera Orchestra, Dean Dixon, cond. WESTMINSTER WN 18368 (with Symphony No. 4). \$3.98. (Originally released as WL 5285.)

SYMPHONY NO. 4. IN D MINOR, OP. 120 (8 Editions)

This is possibly the most popular of all the Schumann symphonies. It is a long one-movement work, though in several well-defined sections corresponding to the so-called classic pattern, and it anticipates the cyclic form later taken up by Liszt. I find Krips the most satisfactory conductor on LP. He has mellow-sounding recording, and his ideas about the music are sanc. sensitive, and level-headed. Furtwängler, for example, is highly mannered and deliberate. He lingers over phrases, he accents where it suits him, and he changes tempos at whim. In the concert hall, with the force of his personality playing over the audience, such idiosyncrasies might well have made an overwhelming impact; but on records it is not apparent, and his version seems twice as long as any other (al-though, of course, in fact it isn't). Szell's recording is unresonant but clear. As always, he gets beautifully disciplined playing from his orchestra, and the performance is typically intelligent, though a little cold. The Camden disc is fast-paced and quire elegant (the "Cromwell Symphony" is Eugene Goossens and the Cincinnati Symphony). Unfortunately the recorded sound is dated, and a pitch rise puts the ending in E flat instead of D. Kletzki is at his worst here, conducring languidly, with abrupt changes of tempo; one feels tempted to say "Get on with it, man." Kreuger is too lethargic for my raste. The oboe solo at the beginning of the Romanza sounds more like a saxophone. Paray's performance is vigorous and unemotional, and Dixon's has little to say.

-London Symphony Orchestra, Krips, cond. LONDON LL 930 (with Mendelssohn: Symphony No. 4). \$3.98.

-Cleveland Symphony Orchestra, Szell,

cond. COLUMBIA ML 4794. -- "Cromwell Symphony Orchestra" (Cincinnati Symphony Orchestra, Eugene Goossens, cond.). RCA CAMDEN CAL 188 (with Mozart: Symphony in G minor). \$1.08.

-Berlin Philharmonic Orchestra, Wilhelm Furtwängler, cond. DECCA DL 9767 (with Haydn: Symphony No. 88). \$3.98.

-Detroit Symphony Orchestra, Paray, cond. MERCURY 50036 (with Liszt: Les Préludes). \$3.98.

-Vienna State Opera Orchestra, Dixon, cond. WESTMINSTER WN 18368.

-Vienna Opera Orchestra, Karl Kreuger, cond. NEW RECORDS 103 (with Bach: Three Chorales; Pastorale). \$5.95.

### OTHER ORCHESTRAL WORKS

INTRODUCTION AND ALLEGRO FOR PIANO AND ORCHESTRA, IN D MINOR, OP. 134 (1 Edition)

Almost never heard, this is a vigorous and extremely Schumannesque work. The pi-anistic figurations are closely reminiscent of those in the Piano Concerto, and the broad melodies of the Introduction and Allegro, while not as immediately captivating as those of the concerto, do grow on one. Demus presents a petformance that is near,



OLYMPIAN

NEW STEREOPHONIC TAPE RELEASES:

BORODIN POLOVETSIAN DANCES. LONDON SYMPHONY AND CHORUS: TCHAIKOVSKY CAPRICCIO ITALIEN. MINNEAPOLIS ORCHESTRA, DORATI. MBS 5-7

DEBUSSY PRELUDE TO "THE AFTERNOON OF A FAUN": IBERIA. DETROIT ORCHESTRA. PARAY. MBS 5-8

GERSHWIN CONCERTO IN F. EUGENE LIST. PIANIST. EASTMAN-ROCHESTER ORCHESTRA, HANSON. MDS 5-9

BARTOK VIOLIN CONCERTO, YEHUDI MENUHIN, VIOLINIST. MINNEAPOLIS ORCHESTRA, DORATI, MFS 5-10

HI-FI A LA ESPAÑOLA. EASTMAN-ROCHESTER "POPS" ORCHESTRA. FREDERICK FENNELL. MAS 5-11

ELGAR ENIGMA VARIATIONS. HALLE ORCHESTRA, SIR JOHN BARBIROLLI. MCS 5-12 KODALY HARY JANOS SUITE, MINNEAPOLIS SYMPHONY, DORATI. MDS 54

CARPENTER ADVENTURES IN A PERAMBULATOR. EASTMAN-ROCHESTER ORCHESTRA, HANSON. MDS 5-2

BIZET CARMEN SUITE: L'ARLESIENNE SUITE NO. 1. DETROIT ORCHESTRA, PARAY, MDS 5-3

STRAUSS DIE FLEDERMAUS OVERTURE: TALES OF THE VIENNA WOODS; BLUE DANUBE WALTZ, HALLE ORCHESTRA, BARBIROLLI. MDS 5-4

BOARDWALK PIPES. ROBERT ELMORE PLAYING THE ATLANTIC CITY BALLROOM ORGAN. MDS 3-5

KHACHATURIAN GAYNE BALLET SUITE: MOUSSORGSKY A NIGHT ON BALD MOUNTAIN; BORODIN ON THE STEPPES OF CENTRAL ASIA;

RIMSKY-KORSAKOV FLIGHT OF THE BUMBLE-BEE. HALLE ORCHESTRA, WELDON. MBS 5-6

FIESTA IN HI-FI. EASTMAN-ROCHESTER ORCHESTRA, HANSON. MAS 5-28

GRIEG PIANO CONCERTO IN A MINOR. RICHARD FARRELL, PIANO. HALLE ORCHESTRA. WELDON. MS 5-27

> BRAHMS HAYDN VARIATIONS; HUNGARIAN DANCES. LONDON SYMPHONY, DORATI. MS 5-25

WAGNER DAWN AND SIEGFRIED'S RHINE JOURNEY: SIEGFRIED IDYLL. DETROIT ORCHESTRA, PARAY, MAS 5-20

OFFENBACH GAITÉ PARISIENNE, MINNEAPOLIS ORCHESTRA, DORATI, MCS 5-18 SESSIONS "THE BLACK MASKERS" SUITE. EASTMAN-ROCHESTER ORCHESTRA. HANSON. M S 3-16

RACHMANINOFF SYMPHONY NO. 2. DETROIT ORCHESTRA, PARAY, MD5 5-17 PROKOFIEV SUITE FROM "THE LOVE FOR THREE ORANGES". LONDON SYMPHONY, DORATI. MS 5-18

RUFFLES AND FLOURISHES, EASTMAN WIND ENSEMBLE, FENNELL, MS 5-13

technically proficient, and much more convincing than his versions of the Concerto and Konzeristück on the same disc.

—Demus, piano; Vienoa State Opera Orchestra, Rodzinski, cond. WESTMINSTER WN 18290.

KONZERTSTUECK FOR PIANO AND OR-CHESTRA, IN G, OP. 92 (I Edition) In 1950 a performance of this piece by Erdmann and a Munich orchestra was released by Vox. That disc has long been withdrawn, leaving Demus the sole exponent. The work also is known as the *Introduction and Allegro Appassionata*, and acclaimed by some admirers as topnorch Schumann. There, are indeed some lovely sections in the score, including a Mendelssohnian opening  $\lambda$  la the Songs Without Words. My edition of the music contains some Victorian descriptive prose that deserves reprint: "Composed in September

1849, the Concert Piece, without being able to vie with the Concerto Op. 54, in point of freshness of invention and brilliancy of execution, yet, by means of its poetic contents, its unity of mood, its clearness of form and clever thematic work, belongs among the prominent works of concert-literature and may with perfect justice claim, not merely for study but also for its proper destination for public performance, the right of being rescued from unmerited oblivion." The allegro part of the music is energetically worked out in Schumann's best style, and it seems strange that pianists have neglected it. Serkin, several years back, gave the only public performance New York has heard for many years, and one hopes he can be persuaded to record it. For Demus here does no more than give a pedantic performance. The music is full of inner voices, specifically marked in the score, which he simply does not observe.

An important new series from the pioneer in stereo **CivingStouettes** 

Great new things are expected from the leader in any field ... and so, Livingston introduces this outstanding new series of fine recordings for the stereophile.

Dramatically packaged in a new and beautiful container, each Liningstoutte is a factory-sealed 5" reel containing the ultimate in stereo entertainment.

From any standpoint: performance, programming, engineering, packaging, OR price, *Livingstonettes* are unequalled.

Livingston's years of experience in producing fine stereo tapes make it possible to price these premium recordings at only \$695

Below Livings	are listed the first tonettes, with many m	releases of tore to come:	1
DANCING ALONG IN SI Exciting Pop Dance Rhythms	TEREO	2001 C	
PEER GYNT SUITE	a lavish steren display	2002 <sub>.</sub> C	
ENCHANTING STRAUSS More from our treasury of Strau		2003 C	,
LENNY HERMAN GEMS Top favorites from our Lenny Her			
MUSIC FOR A MIDNIGHT Soothing, easy-going Latin Ameri	MOOD	2005 C	,
GSTON	All tapss are either stacked o	available ¥ staggered.	

LIVINGSTON AUDIO PRODUCTS CORP. Box 202 CALDWELL, N. J.

He plays the notes and that is all. The listener gets as much idea of the color of the piece as he would of a Renair painting if he looked at it through sunglasses. —Demus, piano; Vienua State Opera Orchestra, Rodzinski, cond. WESTMINSTER WN 18290.

### CHAMBER MUSIC

ADAGIO AND ALLEGRO, OP. 70 (2 Editions)

Several of Schumann's chamber works were written with alternate instruments in mind. The present work was conceived for horn and piano, but Schumann later signified his satisfaction with violin or cello alternate. Stagliano plays the original horn version: a novelty, for concertgoers are familiar with the music almost entirely through the cello. Yet no matter how fine the born player - and Smgliano is one of the best - the music somehow manages to sound unwieldy. His recording is clear but the disc has a good deal of surface noise. Janigro, playing the cello version, has a romantic conception, and one wishes that his tone had the warm hue needed to put his ideas into effect. It is full enough but decidedly on the dry side. Such sensitive and accurate playing as Janigro offers, however, puts his disc on any recommended list. Excellent recorded sound.

—Antonio Janigro, cello; Eugenio Bagnoli, piano. WESTMINSTER SWN 18016 (with Fünf Stücke im Volkston; Fantasiestücke; Schubert: Arpeggione Sonata). \$3.98.

-James Stagliano, horn; Paul Ulanowsky, piano. BOSTON 200 (with Beethoven, Mozari, and Schubert). \$4.98.

FANTASIESTUBCKE, OP. 73 (2 Editions) Another work intended for several alternate instruments, originally composed for clarinet and piano, but taken over by cellists. Perhaps Schumann had a cello alternate in mind from the very beginning; some sources say yes, others no. There are three Fantasiestücke, each shorr and very much in the mood and style of the piano pieces of the same name. Kell, of course, plays the clarinet version. For my taste he is too wishy-washy. Seemingly he is eternally con-centrating on tonal beauty, on smooth phrasing, and on an oily legato: all very well, but as the expense of passion and inner life. And these ultraromantic pieces demand an impassioned approach. Janigro plays with his usual competence, and his version is preferable. A splendid version by Gendron, on London LL 654, has been withdrawn.

—Janigro, cello; Bagnoli, piano. WEST-MINSTER SWN 18016.

-Reginald Kell, clariner; Joel Rosen, piano. DECCA DL 9744 (with Weber: Grand D#0; Debussy: Rhapsody No. 1). \$3.98.

FUENF STUECKE IM VOLKSTON, OP. 102 (2 Editions)

The ticle means "five pieces in folk-song style." I do not know if they are original folk melodies, but they do have a folk characteristic, although one put through Schumann's romantic blender. They are short, simple, and tuneful. Both LP performances are good. Janigro plays with spirit and grace, phrasing broadly, handicapped only by a tone pot as rich as it might be. Casals brings a more personal kind of
playing, and some might even call it a more mannered style. Whatever one thinks of the Casals mannerisms, and the awesome grunts and groans that accompany his playing, his authority cannot be denied; and the size and mellowness of the tone he draws from his instrument are something hardly a living cellist could duplicate. Three of the five pieces - Nos. 1, 3, and 4 - are played by Mstislav Rostropovitz (or Rostropovitch, as it is more commonly spelled) on London International TW 91068. Tonally this is very smooth, and the interpretations are refined and simple. It is a pity that he did not record the entire set.

-Casals, cello; Leopold Mannes, piano. COLUMBIA ML 4718 (with Trio in D minor). \$3.98. (Also obtainable in the three-disc SL 184, which contains music of Schumann and Brahms made at the Prades Festival.)

-Janigro, cello; Bagnoli, piano. WEST-MINSTER SWN 18016.

INTERMEZZO (2 Edicions)

This sounds like the title of a film. It is a movement from a violin sonara that Schumanu, Brahms, and Dietrich composed for Joachim. Milstein plays just the Intermezzn, Schumann's portion. Stern plays the entire sonata. Both performances are excellent. The Stern, however, can be obtained only in the two-disc set of the Brahms sonatas.

-Nathan Milstein, violin; Carlo Bussorri, piano. CAPITOL P 8259 (with encore pieces). \$3.98.

-Isaac Stern, violin; Alexander Zakin, piano. In COLUMBIA SL 202 (with Brahms: Three Violin Sonatas, two discs). \$7.96.

MAERCHENERZAEHLUNGEN, OP. 132 (1 Edition)

A long German word that means "fairy tales." Schumann's Märchenerzählungen are a set of four pieces scored for piano, clarinet, and viola — a fairly unusual combina-tion. So is the music itself fairly unusual. It is almost never heard in concert. Even in these LP days, when the most our-of-theway items have been recorded several times, this disc, which was originally released in 1950 as WL 5024 (one of Westminster's very first discs), remains the sole version. Yet the music is charming: Schumann at his most relaxed, with the inevitable harmonic invention and deceptive simplicity of melodic structure. This disc is very much worth investigating, especially in the expert performance of the Viennese players. -Demus, piano; Leopold Wlach, clarinet; Erich Weiss, viola. WESTMINSTER XWN 18494 (with Mendelssohn: Konzertstücke). \$3.98.

QUARTET FOR STRINGS, NO. 1, IN A MINOR, OP. 41, NO. 1 (1 Edition)

Aside from the Piano Quintet, Schumann's chamber music has never been popular, as the paucity of recordings well illustrates. Yet the three string quarters have noble ideas, and they breathe Schumann's everpresent romanticism. They also have a fascinating contrapuntal interplay. The story of Schumann as a contrapuntist has not been fully written. He had made a lifelong study of Bach, and at one time he wrote to Clara that he himself thought polyphonically and that in all of his music AN advertising expert has just given us His opinion (no charge). He states that no self-respecting advertising agency would admit to writing our ads (hear, hear) — they miss the point: they do not sell anything, the fundamental purpose of an ad. The final blow was that our ads are an "economic waste — concentrated buffconery" — and all that. This distressing bit of information would ordinarily cause us to pause and reflect, but

information would ordinarily cause us to pause and react, but we do not have time. Well, we make good records but our abilities cannot extend into all fields: furthermore, we think most ads are insulting to anyone with an IQ or more than 0.5 — so we have decided to go broke in our own way — to the tune of some rousing march, with

full frequency range and very low distortion. We will continue to conservatively rate our records. We do not refer to them as being the *ultimate* because they are not. We do not claim them to be *high fidelity* because this term has been so abused by advertising experts that it is now meaningless — almost insulting. After listening to "high fidelity" records, we simply do not want ours to sound that way. We will continue to make good records and continue with our insipid ads — and we are grateful to those who write us letters of

approbation: but they are contributing to our delinquency! Audiophile records are carried by some dealers whose cus-

tomers are interested in good quality sound, as well as interesting music. Our library is gradually expanding - do you have our latest booklet?

AUDIOPHILE RECORDS INC. High Quality Recordings

SAUKVILLE, WISCONSIN



NUCLEAR PRODUCTS CO. • 10173 E. Rush St. • El Monte 1, Calif.



there were contrapuntal threads interlinking the thematic material. This A minor Quartet starts with a strict canon before it wanders off into the specific substance of sonata form. Another point: the quartets thematically are very similar to the symphonies, and if you like one you should like the other. (Again there is room for a thorough study of the thematic resemblances between quarter and symphony in Schumano.) But don't expect the Mozart-Schubert-Beethoven approach to the string quarter. Schumann's philosophy was entirely different. The slow (third) movement of the A minor Quartet is nothing but a long song. Even Schubert attempted more in his slow movements. I am not very happy with the only exemplat of the First Quarter in the current catalogues. The Curtis Quartet is inclined to be a little heavy and overdeliberate, and their intonation is not always precisely adjusted. They suggest the basic quality of the music, however, and the recorded sound is exceptionally realistic.

-Curtis Quartet. WESTMINSTER XWN 18495 (with Quartet No. 3, in A). \$3.98. (Originally issued as WL 5166.)

QUARTET FOR STRINGS, NO. 2, IN F, OP. 41, NO. 2 (2 Editions)

Notable in this quarter is a pervading lyricism. The wide-arched span of the melody that opens the work, soaring well over an ocrave, immediately sets the mood, and it is a mood seldom broken during the course of the music. Thus it is disconcert-ing to listen to the New Music Quartet's downright aggressive playing. They sound as though they are, for some reason, angry with Schumann. The Quartetto Italiano (called the New Italian Quatter on the disc) is, on the other hand, bland, and does not get enough urgency into its playing. Of the two discs, the Columbia has the better sound; the London is handicapped by a strong background hum. Hum and all, the interpretation is preferable; but the field is open for a performance that will present more of the music's essential character.

-New Italian Quatter. LONDON LLP 323 (with Verdi: Quatter for Strings). \$5.98. -New Music Quatter. COLUMBIA ML 4982 (with Quatter No. 3, in A). \$5.98.

# QUARTET FOR STRINGS, NO. 3, IN A, OP. 41, NO. 3 (2 Editions)

This is my favorire of the three quatters. The first inovenient, dominated by the plaintive descending F sharp B, has a strong and well-developed polyphonic texture. The second movement is a long sigh; and Freudians undoubtedly will be able to make something of the gasping characteristic of the rhythm. There is a remarkable chromatic texture to the adagio, and - breaking the mood — an overwhelming joie de viere in the finale, with themes huttling pell-mell atop one another. There are only two recordings of the score, and two more opposed views would be hard to find. The New Music Quarter is hard, rhythmic, rather bleak-sounding and has little apparent identification with Schumann's particular brand of romanticism. The Curtis Quartet favors slow tempos and tends to linger over phrases. There is a happy medium, but until it comes along the Curtis Quarter sounds more convincing than the New Music.



HIGH FIDELITY MAGAZINE

# for CHRISTMAS AND YEAR-'ROUND GIFT-GIVING!

• R-715 George Wright's	. R.606 VERLYE MILLS
Impressions of MY FAIR LADY	HARP WITH A BILLY MAY BEAT
• R-405 ELSA LANCHESTER Songs for a Smoke-Filled	PIANO
Room	
- R-201 JOE ENOS PLAYS TWO PIANOS	• R-704 A RICHARD PURVIS ORGAN RECITAL IN GRACE CATHEDRAL
I & R+2DZ STAN SELTZEN	IN GRACE CATHEDRAL (Vol. 11)
PIANO • R-301 THE MITCHELL	• R-705 MUSIC FOR CHRISTMAS (Purvis,
BOYS CHOIR SINGS • R-401 DICK STEWART	()f@An]
SINGS • R-402	• R-706 MERRY CHRIST- MAS (George Wright, Wurlitzer Pipe Organ) • R-707 MORE GEORGE
OOROTHY CARLESS MIXED EMOTIONS • R-403 THE CARLESS	Wurlitzer Pipe Organ)
R-403 THE CARLESS     TORCH	
+ R-404 TERREA LEA	R-708 GEORGE WRIGHT'S SHOWTIME • R-709 A BRUCE PRINCE- JOSEPH'S ORGAN RECITAL AT COLUMBIA
BALLAOS	. R-709 A BRUCE PRINCE-
• R-601 THE MAGIC HARP OF VERLYE MILLS	RECITAL AT COLUMBIA
TORCH • R-404 TERREA LEA FOLK SONGS & BALLAOS BALLAOS • R-601 THE MAGIC HARP OF VERLYE MILLS • R-603 BAND WITH A BEAT, HAITY ZIMMETMEN • R-603 BRUCE PRINCE- 1035PH'S SWINGIN' HARPSICHORD • R-604 JAZZ EROTICA • R-605 MR. Z POLKAS • R-701 GEORGE WRIGHT PLAYS THE MIGHTY WURLIZER PIPE ORGAN	UNIVERSITY • R-710 THE GEORGE WRIGHT SOUND
. R-603 BRUCE PRINCE-	B-712 GEORGE WRIGHT
HARPSICHORD	• R-712 GEORGE WRIGHT PLAYS THE CONN
+ R-604 JAZZ EROTICA + R-605 MR. Z POLKAS	ELECTRIC ORGAN * R-713 THE GENIUS OF GEORGE WRIGHT
. R-701 GEORGE WRIGHT	GEORGE WRIGHT • R-714 HYMNS THAT
WURLITZER PIPE ORGAN	LIVE
* R-702 GEORGE WRIGHT ENCORES AT THE	• R-801 QUARTERLODEONS • R-803 LET'S PLAY
MIGHTY WURLITZER	<ul> <li>R-BO3 LET'S PLAY BONGOSI</li> </ul>
+ R-703 A RICHARD	A D GAL THE END AN
IN GRACE CATHEDRAL	BONGOS • R-805 JAZZ'N RAZZ MA TAZZ
R-701 GEORGE WRIGHT PLAYS THE MIGHTY WURLITZER PIPE ORGAN • R-702 GEORGE WRIGHT ENCORES AT THE MIGHTY WURLITZER PIPE ORGAN • R-703 A RICHARD PURVIS ORGAN RECITAL IN GRACE CATHEORAL (Vol. I) Blag Augilable	
AISO AVAIIADIE	
Stacked and Sta	aggered Heads
	Anne .
more	from
HIGH FIDELITY R	ECORDINGS, INC.
	Hollywood 28, Cal.
D. D. HUTTER MARKET	
R. P. ENILE MARTIN: SACRED WASS FOR TH	IE KINGS OF FRANCE
Elden Ph. Suns Den Si	opt De Prenerg
ANTONIO LOTTI: CRU	CIFIXUS (A CINQ)
a martin have been	1972 St.
1 32 10 M 200 1	C. A.
	MAL A
Alter -	1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and the state
	CARGE STATE
No.	CATERINAL S
Committee in the	

## HOLY HOAX

TIME MAGAZINE, May 6th, says, "One of the most elaborate of modern musical hoaxes in a reverent and earsplitting performance." Originally hailed as a newly discovered work of Moulinie, Martin finally confessed it was his own spare-time creation. R. P. Emile Martin: Sacred Mass For The Kings of France. Concord #4001. L.P. 12". \$4.98.

# SEE THE DEALER YOU LOVE BEST AND HEAR THESE OTHER CONCORD DILLIES: The Restration Sophisticate. Sixteen deucedly litilating, naughty old English catches, =4003. L.P. 12". \$4.98. The Do-It-Yourself-H.M.S. Pina-fore. Is singing G & S your secret desire? Complete with musical score included in album. = 3001. L.P. 12", \$3.98.

See your dealer or write for these records and complete listing of all releases.

CONCORD RECORD CORPORATION Bureau = 35. 519 S. Fifth Ave., Mt. Vernon, N. Y.

-Curtis Quartet. WESTMINSTER XWN 18495.

-New Music Quartet. COLUMBIA ML 4982.

QUARTET FOR PIANO AND STRINGS, IN E

FLAT, OP. 47 (2 Editions) The New York Quartet consists of Micczyslaw Horszowski, piano; Alexander Schneider, violin; Milton Katims, viola, and Frank Miller, cello. It would seem that the name of the group was invented for this disc, since the musicians, to the best of my knowledge, have never appeared together in concert, and this is their only recording. They play well together, as should be expected of four such experienced musicians. Only in the slow movement is there a noticeable drag. Walter Bohle and the Barchet Quartet approach the music with a rather paralyzing ponderousness. They are so echt Deutsch as to be virtually parodistic. In any case, this is not one of Schumann's more successful chamber works. Somehow the music seems too worked-over, and it lacks the spontaneity found in the string quarters and the E flat Quintet. -New York Quarter. COLUMBIA ML 4892 (with Brahms: Trio for Horn). \$3.98. -Walter Bohle, piano; members of Barchet Quartet. VOX PL 8960 (with Quintet for Piano). \$4.98.

QUINTET FOR PIANO AND STRINGS, IN E

FLAT, OP. 44 (5 Editions) If you like the Piano Concerto and somehow you have missed the E flat Quinter you should rush right out and rectify the omission. The E flat Quinter is a baby sister of the concerto, stylistically sibling in every major detail (except, of course, in sonority and in actual melodic ideas; but the melodies of the quintet are every bit as strongly pronounced as those of the concerto). My favorite performance of this masterpiece has been dropped - Rubinstein and the Paganini Quartet (Victor LM 1095). If you run across it, don't ask questions but grab; more than any other version it captures the surge and glow of the score. It is an excellent-sounding disc, too, and it never should have been discontinued. None of the other discs is entirely convincing. Curzon, with the Budapest Quartet, is dependable, musicianly, and a little stodgy. The work, too, occupies an entire disc. On a much cheaper 10-inch disc, Hannes Kann and the Pascal Quartet offer a well-recorded, spirited performance that is without eccentricity. I would put this in a best-buy category. The Columbia disc made in Prades offers an illustrious group of players headed by Myra Hess; and they manage to get the work on one side, with Brahms's lovely G major Quinter on the reverse. It is a good, though not outstanding, performance; you can't take a group of players, no matter how distinguished, and weld them into a great chamber-music ensemble during one summer. The Capirol disc 1 find tricky: too many cute ritards, underlinings, and lilygilding in general. It ends up sounding very affected. As for Bohle-Barchet, they have a kind of Teuronic thoroughness, something like a tank going through a field of lilies.

-Hannes Kann, piano; Pascal Quarter. MUSICAL MASTERPHECE SOCIETY MMS 41. 10-in. \$1.65.

-Myra Hess, piano; Stern, Alexander Schneider, violinists; Milton Thomas, viola;

# THE MUSIC BOX

offers YOU an unrivalled, personal mail order service, on all LP records, speci-fically designed to eliminate all the hazards of purchasing your records by mail.

A service that guarantees:

- \* Each record to be a brand new, factory fresh, unplayed copy, which has been carefully pre-examined for visible imperfections.
- \* Each record dusted, cleaned, then enclosed and sealed in a polyethylene envelope.
- Each record carefully and stoutly packed to reach you in perfect condition.
- \* Orders over \$6.00 mailed POSTAGE FREE anywhere in the U.S.A. On orders under \$6.00, please add 40¢ to cover handling etc.
- ★ Records sold at the manufacturer's suggested list price only. No discounts.
- No substitutions, at any time, unless specifically requested.
- A limited number of deleted LP's still in stock ... both vocal and orchestra.

Complete Line of Pre-Recorded Tapes, on All Labels.

The Music Box MAIN STREET GREAT BARRINGTON, MASS.

### BRILLIANT RECORDINGS 12" LP - \$4.98

SPL 739 KHACHATURIAN: Violin Concerto PROKOFIEFF: Violin Concerto David Oistrakh & National Philh. Orch. — conducted in each case by the composer SPL 740 VIVALDI: Concerto in C;

- Concerto in C ("Sospetio") Concerto in G ("Dresden") Concerto in F ("Reposo") Concerto in F ("Funebre") Orchestra Scuola Veneziana, Ephrikian. conductor
- SPL 741 JANOS STARKER, Cellist Sonata, Op. 11 (Hindomith); Cello Sonata (Debussy); Selections by Ravel, Faure, Poulenc, Breval, Couperin
- RL 1923 VIENNESE BONBONS, Vol. 3 Anton Karas, zither
- RL 1924 GYPSY PANORAMA, Vol. 1 Bela Babai & His Gypsy Otchestra
- RL 1926 FREILACH IN HI-FI, Vol. 3 Dave Tarras & Murray Lehrer En-semble
- RL 1927 FLAMENCO CARNIVAL, Vol. 1 El Nino de Alicante & His Group
- PERIOD SHOWCASE SERIES 12" LP - \$1.98
- SHO 307 TCHAIKOVSKY: Concerto for Violin (Oistrakh) & Concerta for Piano No. 1 (Gilels)
- SHO 312 OISTRAKH PLAYS -Lalo's Symphonic Espagnole & Men-delssohn's Violin Concerto
- SHO 313 SCHEHERAZADE & Russian Easter Overture - both by Rimsky-Korsakov

For complete catalog write to:

PERIOD MUSIC COMPANY 304 East 74th Street New York 21, N.Y.





A complete index to all classical, semiclassical, jazz, and spoken word record reviews which appeared in HIGH FIDELITY Magazine in 2056.

Arranged alphabetically by composer or by collection-title, with the issue and page on which you will find the review you wish.

#### ONLY 506 EACH

1954 and 1955 Indexes also available at 50¢ per copy.

## HIGH FIDELITY Magazine Great Barrington, Mass. Enclosed find ..... Please send me copies of the 1954 Index copies of the 1956 Index Nome ..... Address .....

No C.O.D.s or charge orders please

Paul Toretlier, cello. COLUMBIA ML 4711 (with Brahms: Quinter for Strings in G). \$3.98. (Also contained in SL 182, a threedisc album of Schumann and Brahms made ar Prades.)

-Clifford Curzon, piano; Budapest Quarrer. COLUMBIA MI. 4426. \$3.98.

-Bohle, piano; Barchet Quartet. VOX PL 8960.

-Victor Aller, piano; Hollywood Quartet. CAPITOL P 8316 (with Hummel: Quarter for Strings, in G). \$3.98.

SONATA FOR VIOLIN AND PIANO, NO. 1, IN A MINOR, OP. 105 (2 Editions)

The usual Schumann charm comes through some rather rambling writing. Despite many felicities, the two Schumann violin sonatas have never been favorites. Goldberg plays beautifully, and the only reservation I have concerns his treatment of the first movement, which is hardly the allegro apparsionata indicated by the composer. Bur even here is a good amount of cultured playing. The recorded sound is better than average, and the balance between violin and piano is well maintained. Druian's playing is more sluggish than Goldberg's, and his intonation is not always in perfect order. -Szymon Goldberg, violin; Artur Balsam, piano. DECCA DL 9721 (with Brahms: Sonata for Violin, No. 3). \$3.98. -Rafael Druian, violin; John Simms, pi-

ano. MERCURY 50091 (with Brahms: Sonata for Violin, No. 2). \$3.95.

#### TRIO FOR PLANO AND STRINGS, NO. 1, IN D MINOR, OP. 63 (3 Editions)

This is easily the most popular of the three Schumann piano trios; Nos. 2 and 3 are seldom heard. Perhaps some of its popularity stems from the famous old (c. 1927) Casals-Thibaud-Cortor performance, which Victor made available some years ago on LCT 1141 bur which is no longer in circulation. The music is among Schumann's most dramatic, dark-colored creations. Of the three available discs, the Columbia and Decca run neck and neck. The former is a warmer interpretation, highly romantic, with considerable leeway in matters of tempo and phrasing. The latter is an old but still live-sounding recording. The Decca musicians produce a thinner sound than Casals and bis cohorts. They are. however, clearer in musical outline; emotionally perhaps a stille reserved, but always lyric and musicianly. Rough tone and ensemble prevail in the Vox disc.

-Schneider, violin; Casals, cello; Mieczy-slaw Horszowski, piano. COLUMBIA ML 4718.

-Bronislaw Gimpel, violin; Luigi Silva, cello; Mannes, piano. DECCA DL 9604 (with Schubert: Nocturne in E flat) - \$3.98. -Trio di Bolzano. VOX PL 9920 (with Trio No. 3). \$4.98.

### TRIO FOR PIANO AND STRINGS, NO. 2, IN F, OP. 80 (1 Edition)

Not one of Schumann's stronger pieces of chamber music, but with some melodic inspiration nevertheless and a particularly attractive second movement. The Trio di Bolzano plays conscientiously, but its tonal quality, not to mention its insight into the romantic style, leaves something to be desired.

-Trio di Bolzano. VOX PL 8480 (with Chopin: Trio in G minor). \$4.98.

TRIO FOR PIANO AND STRINGS, NO. 3, IN G MINOR, OP. 110 (1 Edition)

One of Schumann's last works, this trio has many of the faults associated with his late period. It is moody, repetitive, and poorly constructed. There also is a tired quality to the music: we have heard it all before, and better expressed. And yet, to anybody attuned to Schumann's style, there is something almost heart-rending about the species of dissolution presented here, and something inexpressibly sad about the music itself. One is happy to have the disc, for reasons of discographic completeness if nothing else; and one would be even happier were the performance of a more convincing nature.

-Trio di Bolzano. VOX PL 9920.





Deluxe dust-proof cases to hold 10 LP records in their original envelopes. Available in Red, Blue, Green and Yan and in two sizes for either 10" or 12" records. Rich book-like bind-ing of simulated Levant leather is stamped with genuine gold. See your dealor, if not available order direct. Plasse specify size and colar. 10-inct \$2.75 and 12-inch \$2.95 (10-inch \$3 and 12-inch \$3.25 W. of Miss. and in Ala., Fla., La., Miss., Minn.). Two or more cases postpaid in U.S.; add 25g for ane case. No COD's please. Dopt. H. H. ROYFE SMITH CO., Philadelphie 7 p-

H. ROYER SMITH CO., Philadelphia 7, Pa.

### SUPERB STUDIES IN HIGH FIDELITY SOUND ON ELEKTRA

THE UNABASHED VIRTUOSO (EKL-TO6), Ste-Phen Kovacs . . . a dazzling display of piano pyrotechnique in the grand virtuoso style – Fledermaus Paraphrase; La Campanella; Danse Macabre; Rigoletto Paraphrase; Humoresque (Dvorak); Capriccio (Dohnanyi); Hungarian Rhapsody #2. 12" \$4.98

Rhapsody #2. TIGER ON THE KEYS (EKL-111) Stephen Kovacs puts twelve tuncs in a lighter vein through a series of fascinating pianistic 12" \$4.98

OUTSTANDING ENGINEERING BY catalog on request

ELEKTRA RECORDS 361 Bleackor Street New York 14, N.Y.

HIGH FIDELITY MAGAZINE

### HEATHKIT "BASIC RANGE" HIGH FIDELITY SPEAKER SYSTEM KIT

The very popular model SS-1 Speaker System provides amazing high fidelity performance for its size because it uses high-quality speakers, in an enclosure especially designed to receive them.

It features an 8" mid-range-woofer to cover from 50 to 1600 CPS, and a compression-type tweeter with flared horn to cover from 1600 to 12,000 CPS. Both speakers are by Jensen. The enclosure itself is a ducted-port bass-reflex unit, measuring  $11\frac{1}{2}$ " H x 23" W x  $11\frac{1}{2}$ " D and is constructed of veneer-surfaced plywood,  $\frac{1}{2}$ " thick. All parts are precut and predrilled for quick assembly.

Total frequency range is 50 to 12,000 CPS, within  $\pm$ 5 db. Impedance is 16 ohms. Operates with the "Range Extending" (SS-1B) speaker system kit later, if greater frequency range is desired. Shpg. Wt. 30 lbs. MODEL SS-1 \$39.95

### HEATHKIT "RANGE EXTENDING" HIGH FIDELITY SPEAKER SYSTEM KIT

The SS-1B uses a 15" woofer and a small super-tweeter to supply very high and very low frequencies and fill out the response of the "Basic" (SS-1) speaker system at each end of the audio spectrum. The SS-1 and SS-1B, combined, provide an overall response of  $\pm 5$  db from 35 to 16,000 CPS. Kit includes circuit for crossover at 600, 1600 and 4000 CPS. Impedance is 16 ohms, and power rating is 35 watts. Measures 29" H x 23" W x 17½" D, and is constructed of veneer-surfaced plywood, 3/" thick. Easy to build! Shpg. Wt. 80 lbs.

MODEL SS-1B \$99.95

... and save!



"BASIC" SPEAKER SYSTEM



RANGE EXTENDER

"LEGATO" SPEAKER SYSTEM

### HEATHKIT "LEGATO" HIGH FIDELITY SPEAKER SYSTEM KIT

The fine quality of the Legato Speaker System Kit is matched only in the most expensive speaker systems available. The listening experience it can bring to you approaches the ultimate in esthetic satisfaction.

Frequency response is  $\pm 5$  db 25 to 20,000 CPS. Two 15" theater-type Altec Lansing speakers cover 25 to 500 CPS, and an Altec Lansing high frequency driver with sectoral horn covers 500 to 20,000 CPS. A precise amount of phase shift in the crossover network brings the high-frequency channel into phase with the low-frequency channel to eliminate peaks or valleys at the crossover point. This is one reason for the mid-range "presence" so evident in this system design.

The attractively styled "contemporary" enclosure emphasizes simplicity of line and form to blend with all furnishings. Cabinet parts are precut and predrilled from ¼" veneersurfaced plywood for easy assembly at home. Impedance is 16 ohms. Power rating is 50 watts for program material. Full, smooth frequency response assures you of outstanding high fidelity performance, and an unforgettable listening experience. Order HH-1-C (birch) for light finishes, or HH-1-CM (mahogany) for dark finishes. Shpg. Wt. 195 lbs.

MODELS HH-1-C or HH-1-CM \$325.00 each



# HEATHKITS

World's finest electronic equipment in kit form...

115



# easy-to-build designs by HEATH

You get more comprehensive assembly instructions, higher quality circuit components, and more advanced design features, when you buy HEATH hi-fi!

### HEATHKIT 70-WATT HIGH FIDELITY AMPLIFIER KIT

This new amplifler features extra power reserve, metered balance circuit, variable damping, and silicon-diode rectifiers, replacing vacuum tube rectifiers. A pair of 6550 tubes produce full 70-watt output with a special-design Peerless output transformer. A guick-change plug selects 4, 8 and 16 ohm or 70 volt output, and the correct feedback resistance. Variable damping optimizes performance for the speaker system of your choice. Frequency response at 1 watt is ±1 db from 5 CPS to 80 KC with controlled HF rolloff above 100 KC. Harmonic distortion at full output less than 2%. 20 to 20,000 CPS, and intermodulation distortion below 1% at this same level. Hum and noise are 88 db below full output. Variable damping from .5 to 10. Designed to use WA-P2 preamplifier. Express only. Shpg. Wt. 50 lbs. MODEL W-6M \$109.95

### HEATHKIT 25-WATT HIGH FIDELITY AMPLIFIER KIT

The 25-waft Heathkit model W-5M is rated "best buy" in its power class by independent critics! Faithful sound reproduction is assured with response of  $\pm 1$  db from 5 to 160,000 CPS at 1 watt, and harmonic distortion below 1% at 25 walts, and IM distortion below 1% at 20 watts. Hum and noise are 99 db below rated output, assuring quiet, hum-free operation. Output faps are 4, 8 and 16 ohms. Employs KT66 tubes and Peerless output transformer. Designed to use WA-P2 preamplifier. Express only. Shpg. Wt. 31 lbs. MODEL W-5M \$59.75

### HEATHKIT ELECTRONIC CROSS-OVER KIT

This device separates high and low frequencies electronically, so they may be fed through two separate amplifiers driving separate speakers. The XO-1 is used between the preamplifier and the main amplifiers. Separate amplification of high and low frequencies minimizes IM distortion. Crossover frequencies are selectable at 100, 200, 400, 700, 1200, 2000, and 3500 CPS. Separate level controls for high and low frequency channels. Attenuation is 12 db per octave. Shpg. Wt. 6 lbs.

MODEL XO-1 \$18.95

### HEATHKIT W-3AM HIGH FIDELITY AMPLIFIER KIT

insure

Features of this fine Williamson-type amplifier include the famous Acrosound model TO-300 "ultralinear" transformer, and 5881 tubes for broad frequency response, low distortion, and low hum level. Response is  $\pm 1$  db from 6 CPS to 150 KC at 1 watt. Harmonic distortion is below 1% and IM distortion below 1.3% at 20 watts. Hum and noise are 88 db below 20 watts. Hum and noise are 88 db below 20 watts. Provides output taps of 4, B or 16 ohms impedance. Designed to use WA-P2 preamplifier. Shpg. Wt. 29 lbs. MODEL W-3AM \$49.75

### HEATHKIT W-4AM HIGH FIDELITY AMPLIFIER KIT

A true Williamson-type circuit, featuring extended frequency response, low distortion, and low hum levels, this amplifier can give you fine listening enjoyment with a minimum investment. Uses 5881 tubes and a Chicago-standard output transformer. Frequency response is  $\pm 1$  db from 10 CPS to 100 KC at 1 watt. Less than 1.5% harmonic distortion and 2.7% intermodulation at full 20 watt output. Hum and noise are 95 db below full output. Transformer tapped at 4, 8 or 16 ohms. Designed to use WA-P2 preamplifier. Shipped express only. Shpg. Wt. 28 lbs. MODEL W-4AM \$39.75

HIGH FIDELITY MAGAZINE



ciana come off fairly well, if somewhat lethargically, but the disarrangements of Londonderry Air, Melody in F, and Ravel's Pavane pour une infante défante are tasteless in conception and excessively mannered

now, by simply using your EMC Player as one speaker and a radio or TV set as the other. With the same player, you can step up to high-fidelity stereo by adding high-fidelity components. The better the components, the better the sound. You never outgrow your EMC! Ask your high-fidelity dealer for an audition

TAPE DECK: Same tape mechanism as EMC Stereophonic Tape Player, minus the electronics... only \$69.95

www.americanradiohistory.com



At Last! A practical answer to your cost problem. The World's Largest Tape Recorder Outlet and Service Lab now brings you a money saving . . .

# STEREO TAPE Exchange

We believe these benefits will astound and delight you:

1. EXCHANGE \$50 WORTH OF STEREO TAPE FOR ONLY \$1.35 PER REEL. And you may keep the tape as long as you like. It's yours! Yes, you may even choose the specracular new releases of Capitol, Mercury. RCA Columbia, Livingston and over 30 other companies. Yet you've given up nothing, since the stereo reels you send in exchange are the ones you no longer want. Just like finding money on your shelves.

2. RENT STEREO TAPES FOR ONLY \$1.45 EA. If you have no tapes to exchange, you may rent them. Yes, enloy stereo a full month at only 5¢ per day. Then exchange them for other tapes you want to hear. No longer must you listen to the same tapes month after month. No longer must you buy in the dark. Now you may try them, enjoy them, without buying. And if you do purchase, the rental charge is cancelled.

3. FREE! A TERRIFIC \$9.95 STEREO PARTY TAPE. This specially prepared 1200' "sing-a-long" tape does something new and hilarious . . lets you record your friends singing familiar party favorites with spirited piano and organ accompaniment which you are hearing simultaneously from the other track. Then rewind and play back both tracks for the funniest, most memorable events of rhe party. Always the hit of the evening, and may be done again at all your parties without ever erasing the beautiful piano and organ accompaniment.

4. FREE! 4 STEREO CATALOGS. Gives not just titles, but full contents of every reel on the market. Mailed quarterly.

5. BUY STEREO TAPES, BLANK TAPE, ACCESSORIES & HI-FI COM-PONENTS AT MAXIMUM SAVINGS. We guarance your savings to be equal to any other nationally known club plan or mail order catalog with manufacturer's approval. And you get our money back guarantee of satisfaction on all equipment purchased.

6. HIGHER TRADE-IN ALLOWANCES. Our huge service lab and facilities for converting recorders to stereo, plus our 10 showrooms enable us to rebuild and resell recorders in quantity. This means highest possible trade-in allowances to you. You need wait no longer for the thrill of stereo in your home. Enjoy the living presence now possible on such fine (stacked head) units as BELL and PENtrRON, best in the lower price range. Or for only a little more you may own a system of amazing quality, ruggedness, and durability, the TANDBERG STEREO. And for those who want only the very, very best, the stereo leaders of the world, the professional machine now at a price you can easily afford ...

#### AMPEX Only 10% down 24 months to pay

Mail this coupon today:

[
All of the above privileges are yours for 1 full year for only \$6.95. This is less than value of the fabulous 1200' party tape alone.
STEREO TAPE EXCHANGE 344 Main St., Paterson, N. J.
Enclosed is check or M.O. for \$6.95 for 1 year's membership. Send party tape, catalog, and details for exchange and rental of tapes. 1
I Send further info re: srereo tape exchange I and tape rentals.
<ul> <li>Send literatuse and prices on stereo recorders.</li> <li>hi-f. components. 1 am particularly interested in</li></ul>
NAME
ADDRESS
CITY

### TAPE DECK

### Continued from preceding page

in execution. It is claimed that special multi-mikings are used here to produce an "ADD" (Added Depth Dimension) effect, but since the stereoism in reproduction' strikes me as no better than fair, 4'll wait to evaluate this technique until I can check its utilization in more appropriate programatic materials (• • ST 2011, 23 min., \$11.95).

RCA VICTOR: The urge to travel, if only in aural imagination, seems to be epidemic: now it's Frankie Carle leading a band from his keyboard Around the World, from the American Patrol to Loch Lomond, Under the Bridges of Paris, and so on and on, with only the Hindustan episode notable for any genuine verve. Frankie's own glittering piano bits are as pleasant as always, but he has saddled himself here with overfancy arrangements and an ensemble lacking both skill and tonal attractiveness ( . CPS 70, 25 min., \$10.95 also available on LP as LPM 1499, Oct. 1957). The even better indeed impressively wide-range and rever-berant — recording of Lavalle in Hi-Fi is luckily allied to more grateful and distinctive materials: a kind of symphonic-band light program jazzed up a bit for easy home listening, featuring such novelty pieces as the Clarines Polka, Whistler and his Dog, Tumblin' Tumbleweed, etc. The best of these is the most rumbling When Yuba Plays the Tuba I've ever heard. 1 still can't believe the notes' assertion that two tuba players take the star role here in unison, but at any rate someone (or ones) plays magnificently, winding up with a cellar-shaking bottom note that every hi-fi connoisseur should be happy to add to his prized collection of memorable "lows." And an expressive, piquantly colored, but not overelaborate arrangement of Where or When is almost as good ( ... CPS 72, 22 min., \$10.95).

RIVERSIDE (via Livingston): I've become such a backward-looker, if not outright sourpuss, where currently popular folk singers are concerned, that it's mighty comforting to come at last on one who strikes me as neither precious nor insufferably mannered - either in comparison with the great earlier minstrels or considered on his own unpretentious but distinctively individual merits. He's Bob Gibson and he does a fine straightforward job with John Henry, Dance Boatman Dance, Loss Jimmy Whe lan, To-Morrow, Mattie Graves, Lullaby of the Wess, and the title song of this collection, I Come for to Sing. He has only one - and that a comparative - failure in the Money is King calypso song, but to overbalance that he is magnificent in the haunting Abilene, zestful Drill Ye Tarrier Drill, and a wondrously lilting Springfield Mountain. His own banjo adds notably to the effectiveness of the little accompanying ensemble and the recording is not only first-rate, ultratransparent and natural stereo, but it is ingeniously exploited by varied (usually off-center) soloist positions and distances from the microphones as befit the varied natures of the songs themselves ( • RT 7-11 BN, 27 min.,

TAPE DECK Continued from preceding page

COLUMBIA: Sammy Kaye applies his famil-

## MAGNETIC TAPE ERASER



Erases recorded signals and noise from magnetic tape without rewinding. Spindle mounting of reel permits rapid coverage without missed spots. Noise level reduced below tevel of standard erase heads. Restores lape to like new condition or better. Reel size range 5", 7", 101/2". May also be used for demagnetizing record—playback—erase heads.







20-WATT AMPLIFIER



A-9C 20-WATT AMPLIFIER



7-WATT AMPLIFIER

# HEATHKITS

World's finest electronic equipment in kit form...

# ... top HI-FI performance

### HEATHKIT A-9C HIGH FIDELITY AMPLIFIER KIT

This amplifier incorporates its own preamplifier for self-contained operation. Provides 20 watt output using push-pull 6L6 tubes. True high fidelity for the home, or for PA applications. Four separate inputs—separate bass and treble controls—and volume control. Covers 20 to 20,000 CPS within  $\pm 1$  db. Output transformer tapped at 4, 8, 16 and 500 ohms. Harmonic distortion less than 1% at 3 db below rated output. High quality sound at low cost! Shpg. Wt. 23 lbs. MODEL A-9C \$35.50

### HEATHKIT A-7D HIGH FIDELITY AMPLIFIER KIT

This is a true high fidelity amplifier even though its power is somewhat limited. Built-in preamplifier has separate bass and treble controls, and volume control. Frequency response is  $\pm 1\frac{1}{2}$  db from 20 to 20,000 CPS, and distortion is held to surprisingly low level. Output transformer tapped at 4, 8 or 16 ohms. Easy to build, and a fine 7-watt performer for one just becoming interested in high fidelity. Shpg. Wt. 10 lbs. MODEL A-7D \$17.95

Model A-7E: Same as the above except with extra tube stage for added preamplification. Two switch-selected inputs, RIAA compensation, and plenty of gain for low-level cartridges. Shpg. Wt. 10 lbs. \$19.95





THE QUALITY RECORDING TAPE IN THE <u>NEW</u> PERMANENT PLASTIC CONTAINER

# SONORAMIC

Here is an extraordinary new product designed to protect, preserve and facilitate storage of your Sonoramic Wide Latitude Recording Tape. It's the exclusive NEW Sonoramic permanent plastic tape container. Sonoramic's fine quality magnetic recording tape PLUS the new container makes this your best buy in recording tape.

#### Here's the story on the container:

- Protects tape against dust and dirt.
- Made of high-impact, shatter-proof, polystyrene plastic in handsome decorator color.
- Opens at flick of finger pushing tape forward for easy access.
- Stacks neatly on shelf, bookcase, or table.
- Dovetail strip (available from company) lets you hang a row of tape containers on wall.
- Unique Sonoramic indexing system on pressure sensitive labels included free in every package. Permits you to keep tabs on all recordings.
- Tape time ruler on carton permits accurate measurement of clapsed and remaining time.

### Inside the container...

... is Sonoramic Wide Latitude Recording Tape, a superb new miracle of recording tape engineering. From the selection of raw materials, to coating, slitting and packaging — this tape reflects the care and precision it takes to make a quality product. Here's the story on the tape:

A DuPont trade mark.

SONORAMIC IS A PRODUCT OF THE

- Distortion-free recordings guaranteed by exclusive time-temperature dispersing techniques.
- Broad-Plateau Bias assures maximum performance regardless of make of recorder, line voltage fluctuations, tube age, head condition.
- High resistance to abrasion, print-through and cupping.
- Life-time lubrication eliminates squeal, layerto-layer adhesion, and deposits on heads.

There are three tapes designed for all uses – all on 7" reels. These include: Standard Play, 1<sup>1</sup>/<sub>2</sub> mil acetate, 1200 feet, meets rigid requirements for both professional and home use. Long Play, 1 mil mylar,\* 1800 feet, a premium quality tape designed for maximum strength and immunity against heat, humidity and other weather conditions. Extra Long Play,  $\frac{1}{2}$  mil mylar,\* 2400 feet, a high quality tape useful for extra recording time, and where tape tension is not excessive.

When you buy your next reel of tape remember these facts: not only do you get the excellent quality of Sonoramic Wide Latitude Recording Tape – but every reel comes in its own handsome permanent plastic container.

NOTE: To the first 50 people who write in requesting it — we'll be happy to send out a free Sonoramic tape container. Please remember: we can only do this with the first 50 requests: Write to Dept. H-102. Ferrodynamics Corporation, Lodi, New Jersey.

terrodynamics CORPORATION . LODI, NEW JERSEY



Store on table ...



... or on wall ...



... or in bookcase.

HIGH FIDELITY MAGAZINE

មជាផ្លំពីដូរ



Note: As usual, all rapes reviewed are 7.5 ips and — unless specifically noted otherwise — are stereo recordings (symbolized by the  $\bullet$   $\bullet$ ) on 7-in. reels. The timing indications are for the complete length of the musical program, including pauses between movements or selections, and are rounded off to the searest minute. If a date in parentheses is appended to the review, it refers to the issue of HIGH FIDELITY in which the corresponding disc review appeared.

#### • • CHRISTMAS HYMNS AND CAROLS, Vol. I

Robert Shaw Chorale, Robert Shaw, cond. RCA VICTOR CCS 86. 24 min. \$10.95.

Over many years, as the holiday season approaches, record manufacturers have flooded

the market with Christmas "specials." Most of these are quickly forgotten, but among the rare few which continue to live in many listeners' active collections, the undisputed best are the two volumes of both familiar and novel Christmas hymns and carols sung unaccompanied by the Shaw Chorale. Now the first of these is rejuvenated in brand-new performances and stereo recordings, with the present raping of twelve selections (including one addition to the old repertory in the form of a German Christmas hyron arranged by Jüngst) representing the "A" side of a simultaneously released LP, LM 2139. And, unlike so many remakes in which technical advances are negated by executant or interpretative retrogressions, this is a renewed miracle of youthful freshness. Even if one considers the relative simplicity of the program materials, Shaw's properly small ensemble never has sung better, nor have his and Alice Parker's arrangements ever been more straightforwardly free from gimmicks or Hollywoodian pretentiouoess. And in stereo — the warm young voices here, no less than the heartwarming sturdy songs themselves, float and soar as if the new medium had been expressly invented to give them unfettered wings.

### • • DEBUSSY: La Mer

Boston Symphony Orchestra, Charles Munch, cond.

RCA VICTOR CCS 56. 22 min. \$10.95.

Confirmed Debussians undoubtedly will cling to their favorite Toscanini, Monteux,

Continued on next page

# For a Stereo Noël... A list of 1957's choicest tapes, for Christmas giving

- Bach: Cbristmas Oratorio (Cantatas 1.3). Helga Gabriel, soprano; Ursula Boese, contralto; Leo Larsen, tenor; Jakob Stampfli, bass; St. Thomas Choir (Leipzig); Günther Ramio, cond. Concert Hall RX 21. Two reels. (Tape review in Oct.).
- Handel: Messiah (excerpts). Adele Addison, soprano; Lorna Sydney, contralto; David Lloyd, tenor, Chorus of the Handel and Haydn Society (Boston); Zimbler Sinfonietta, Thompson Stone, cond. Boston (via Livingston) BO 7-9 BN. (June).
- Handel: Water Music (complete). Frankfurt Opera Orchestra, Carl Bamberger, cond. Concert Hall LX 14. (Mar.).
- Haydn: Symphony No. 100, in G ("Military"). Vienna State Opera (Volksoper) Orchestra, Mogens Wøldike, cond. Vanguard VRT 3002. (Sept.).
- Kodály: Hary Janos: Suite. Mioneapolis Symphony Orchestra, Antal Dorati, cond. Mercury MDS 5-1. (Oct.).

- Mendelssoha: Symphony No. 4, in A, Op. 90 ("Italian"). Pro Musica Symphony (Vienna), Eduard van Remoortel, cond. Phoaotapes-Sonore S 705. (Sept.).
- Prokofiev: Peter and the Wolf, Op. 67. Cyril Ritchard narrator; Philadelphia Orchestra, Eugene Ormandy, cond. Columbia JMB 4. (Nov.).
- Prokofiev: Romeo and Juliet, Op. 64, (excerpts). Members of the NBC Symphony Orchestra, Leopold Stokowski, cond. RCA Victor DCS 18. (Jan.).
- Rachmaninoff: Concerto for Piano and Orchestra, No. 2, in C minor, Op. 18. Philippe Entremont, piano; Neth-. erlands Philharmonic Orchestra, Walter Goehr, cond. Concert Hall HX 19. (Feb.).
- Saint-Saëns: Sympbony No. 3, in C minor, Op. 78. Hans Eibner, organ; Vienna Philharmusica Symphony Orchestra, Hans Swarowsky, cond. Urania UST 1201. (Aug.).

- Schubert: Sympbony No. 8, in B minor ("Unfinished"). Philharmonic Symphony of London, Artur Rodzinski, cond. Sonotape SWB 8024. (Dec.).
- Stravinsky: The Rite of Spring. Orchestre de la Société des Concerts du Conservatoire de Paris, Pierre Monreux, cond. RCA Victor BCS 67. (Dec.).
- Tchaikovsky: The Nuscracker, Op. 71 (complete ballet). Philharmonic Symphony Orchestra of London, Artur Rodzinski, cond. Sonotape SWB 9003-4. Two reels. (Apr. and Sept.).
- Leopold Stokowski: "The Orchestra." Symphony Orchestra, Leopold Stokowski, cond. Capitol ZH 8. (Sept.).

# \*\*\*\*

Christmas Hymns and Carols, Vol. r. Robert Shaw Chorale, Robert Shaw, cond. RCA Victor CCS 86. (Dec.).



An audio system is like a chain. For optimum performance, all the links must be equally strong... there can be no compromise with "weak-link" components in the system.

It was on this premise that the Ampex A122-SP Portable Stereophonic System was designed. Each link in the chain — from recording and playback heads to speaker — was forged to the same exacting standards and precision tolerances which guide the manufacture of world-famous Ampex professional recording and playback equipment.

	THE NEW YORK
AMPEX AUDIO, INC.	CLARK AND
1032 KIFER ROAD,	NEED TO AND A STATE
SUNNYVALE, CALIFORNIA	
Please send free color brochure to:	in the second second
	11012 - 25010
NAME	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ADDRESS	1 1 1 1 2 1
	The second second
CITY	and the second s

Heads — Facing surfaces of head gaps lapped to an optical flatness so precise they reflect a single light band (1/, micron) an flatness gape. This, plus initial surface polish of 6-8 micro-inches, insures sustained frequency response with negligible change in characteristics over many thousands of hours of operation — many times longer than with ardinary heads.

Amplifier-Speakers — Ampex-designed, Ampex-built as an integral part of system . . . yet may be used separately with other units of your system (has front-panel input switching for Tape, Tuner, TV, or Phana). Amplifier sensitivity 0.25 v for maximum power autput; 20-20,000 cps  $\pm$   $Y_2$  db autput with well under 1% hormanic distortion. Speaker features unusually high total gap energy, converts a maximum of autput power into sound energy, with smooth, peak-free respanse.

Complete Specifications — Write today for free new full-color brochure containing complete specification sheet and description af full line of unmaunted units, consoles, modular table-tops and partables.

## TAPE DECK

#### Continued from preceding page

or Ansermet versions of these seascapes despite the more sensuous sonic attractions of the Munch LP (LM 2111, coupled with lbert's Escales), but in stereo even they may find the almost incredibly shimmering Bostonian tone colors irresistibly seductive. Whether or not these can compensate for the lack of poetic insights in the present reading, there can be no question that the score itself never has been captured for home reproduction with comparable clarity of detail, broader ebb, flow, and surge of warm sonorities, or more enchanting blend of glowing sonics.

### • • GRIEG: Elegiac Melodies, Op. 34

Pro Musica Symphony Orchestra (Vienna), Eduard van Remoortel, cond. CAMEO (via Phonotapes) SC 406. 9 min. \$4.98.

The first of Phonotapes' new bargain-priced stereo "Cameos" to reach me sets a high standard for subsequent releases as well as burtressing the manufacturer's faith that there is a definite need for comparatively short tapings of this kind. Certainly the difficulty, with tape, of locating specific selections in a long miscellaneous program gives considerable point to their separate release, especially when the cost factor is proportionarely reduced. Drawn from the same Grieg collection (Vox PL 1033) as the Symphonic Dances recently reviewed here in their stereo version (Phonotapes \$ 706), these two string orchestral pieces in the composer's own adaptations of his songs Heart's Wounds and Spring, Op. 33. Nos. 3 and 2 respectively, are played just as lovingly by Remoortel, perhaps a bit more slowly than we may be accustomed to, but with no lapses into sentimentality nor any sagging of the sustained melodic lines. And here again the beautiful dark glow and acoustic breadth of the stereo recording capture to perfection the often ethereal and always floating qualities of the gracious string sonoriues. (Sept. 1957.)

- • LEONINUS: Organa (4) See Perotinus: Organa (2).
- MOZART: Quintet for String Quartet and Viola, No. 1, in B flat, K. 174

Budapest String Quartet; Walter Trampler, second viola.

COLUMBIA JMB 5. 23 min. \$13.95.

Most chamber-music devorees are notoriously conservative in technical if not aesthetic matters, and single-channel recordings still remain notably satisfactory in this domain. Yet I'd venture to bet that the complacency of such discophiles will be profoundly shaken, if not shattered, once they are given a chance to hear (at home rather than in public demonstrations) the present quintet or future stereo tapings of comparable sonic transparency and vitality. The recorded level here is happily moderate, there is slightly more reverberance than most of our own listening toonis normally provide, and the stereo effect, while well marked, is never

HIGH FIDELITY MAGAZINE

strong enough to give any sense of unnatural instrument separation.

Unfortunately, I must speak more temperately of the present performance itself. Although it is extremely able, restrained, and gracious, it strikes me as much more "feminine" than those of the old Budapest ensemble, and as lacking in Mozartean zest and bite. I am a bit disturbed, too, by the lack of homogeneity between the really lovely string sonorities in the lower registers and the tendency to tonal thinness at higher pitch altitudes. However, the 1773 work itself (released on LP in the complete six-quintet album M3L 239) is a fascinating discovery, if by no means comparable in stature with fater Mozartean masterpieces for the same combination of instruments. (Oct. 1957.)

### • • PEROTINUS: Organa (2) †Leonious: Organa (4)

Russell Oberlin, countertenor; Charles Bressler, tenor; Donald Perry, tenor; Seymour Barab, viol.

EXPERIENCES ANONYMES EA 0021. 46 min. \$14.95.

There is only seeming incongruity in putting the latest technological advances at the service of the most appient "art" music whose composers' names are still known to us. This is a reconciliation of the "Dynamo" and "The Virgin" concepts such as even Henry Adams never dreamed of: four examples of organum duplum by the twelfth-century Leoninus and one each of organum triplum and organum quadruplum by his immediate successor at Notre Dame, Perotinus - the earliest compositions in the elementary contrapuntal elaborations of Gregorian melodies that started Western music on the long road to Palestrina and Bach.

I wish I could safely recommend both the music itself and the present beautifully open recordings of earnestly sympathetic performances to every listener, but I realize too well that to most ears the former will sound both grim and intolerably longdrawn-out, and that even to specialists in these domains the singing here will often seem less relaxed, smooth, and expressive than that of Safford Cape's Pro Musica Antiqua on a recent Archive LP (confined, however, to a single work by each of the present composers, of which only the Perotinus Sederunt principes is duplicated). I regret too that the stereo recording, immaculately clean and as rich in presence as it is, was not made in an actual cathedral (preferably, of course, Notre Dame itself), where the singers could be located more distantly in the same echoing acoustic spaciousness for which the music was intended.

Nevertheless, all such quibbling should be disregarded by anyone who can cleanse his ears of the craving for later-day harmonic richness and curb his testlessness long enough to listen tranquilly to the timeless, gravely exultant flow of the two-part Viderunt omnes, Allelaya Epulemur in Azimis, Leoninus — and to the vigorous and jubilant Allelaya, Nativitas and Sederuns principes by the less remotely detached Perotinus. (Originally issued on LP as EA 0021, May 1957.)

Continued on next page



Recorder-Storeophonic Reproducer — Two-speed, precision-built tope transport, copable of playing over 4 hours from a single 7" reel of tope; sustained frequency response 30-16,000 cps (7½; ips), with dynamic range over 55 db; Flutter and wow under 0.25% rms of 7½; ips; Precision timing accuracy offards perfection of pitch held to tolerances of less than ½ of a half tone of highest frequencies.

Amplifier-Speakers — Electronically and acoustically matched for optimum reproduction of stereo and manaural sound. These units deliver more undistorted sound per wort than the great majority of 12" and 15" speakers available today. Environmental inverse teedback from speaker voice call circuit to cathode of first amplifier stage alfords improved damping, lower distortian. Tilt-out push-button control ponel for selecting input (Tope, TV, Tuner, or Phono); bass, treble and volume controls.

Complete Spacifications-Information on the units shown above, plus consoles, portables, and unmounted units, available in free new full-color brachure. Here is a stereo system you'll be as proud to show as you will to operate. The Ampex A121-SC Modular home music system was designed to satisfy not only the needs of the audio perfectionist, but also the increasing desire for a system that is as pleasing to the eyes as it is to the ears:

The A121-SC is an integrated system, and though any of the individual units can be incorporated smoothly into your own system, the combination of the three provides a level of performance not possible to achieve by any other means.

	AMPEX AUDIO, INC. 1032 KIFER ROAD, SUNNYVALE, CALIFORNIA Please sond free color brochure to:
a free	NAME
- States	ADDRESS
741	CITY



introducing the **NORELCO**<sup>\*</sup> CONTINENTAL' three-speed portable **TAPE RECORDER** 



Above is a technician's-eye view of the new Norelco 'Continental.' It is a reassuring picture to tape recorder mechanics - many are even calling the 'Continental' the most advanced machine of its type. But most of the readers of this magazine are not tape recorder mechanics - they are seekers of good sound. It is to these readers that we say-the specifications of the 'Continental' are great ... but that's beside the point! We won't tell you about them yetbecause we first want you to listen to the sound! Go to your dealer and ask for a demonstration. Then just listen. The Norelco 'Continental' will convince you with sound -not with cycles and decibels. Don't say we didn't tell you in time for Christmas!

- Engineered by Philips of the Netherlands, world pioneers in electronic design
- Precision-crafted by Dutch master technicians
- Styled by the Continent's top designers Three speeds (7½, 3¼ and 1¼ ips)... twin tracks...pushbutton controlled
- Special narrow.gap (0.0002 in.) magnetic head for extended
- frequency response Built-in wide-range Norelco speaker
- Lightweight...easily portable...rugged
- Can also be played through external hi-ti system



For the name and address of your wearest Norelco dealer, write to Dept. 35 NORTH AMERICAN PHILIPS CO., INC. High Fidelity Products Division 230 DUFFY AVENUE, HICKSVILLE, L. 1., N.Y.

## TAPE DECK

Continued from preceding page

• • SCHUBERT: Symphony No. 8, in B minor ("Unfinished")

Philharmonic Symphony of London, Artur Rodzinski, cond.

SONOTAPE SWB 8024. 24 min. \$11.95.

Although I have previously maintained that the Unfinished is better treated, à la Beecham, as a "water-color miniature, demanding spontaneous galanterie rather than 'roman-tic' lyrical exposition," the present Rodzinski version, while surely romantic, has such poignant lyricism that I again am reminded that there never can be any one "definitive" interpretation of a genuine, many-faceted masterpiece in any art domain. Rodzinski, however, stops well short of the dark pathos and expressive fervency of the much admired Munch version (RCA Victor CCS 13, reviewed here just a year ago), and his far more relaxed and gracious reading seems simply to let the unfailing spring of Schubertian melody speak eloquently for itself.

At any rate, I am bewitched completely by the loveliness of rounded, velvety recorded sound here, the reassurance of dynamic power held in reserve until just the right moment for speaking out, and the superb nauralness with which a sense of both auditorium breadth and depth are captured in the stereo recording. The Bostonians also played and were recorded beautifully, but even they are eclipsed here by what are surely the most sensuously enchanting sonorities one is ever likely to hear in home reproduction.

### • • STRAVINSKY: The Rile of Spring

Orchestre de la Société des Concerts du Conservatoire de Paris, Pierre Monteux, cond.

RCA VICTOR ECS 67. 33 min. \$14.95.

Perhaps it was because I had braced myself to cope with what I had expected to be the overwhelming dynamic impact of Le Sacre in full stereo sound that I am unduly surprised to find it so extraordinarily lyrical here. The pounding, barbaric rhythms and grinding dissonances certainly haven't vanished, and indeed often seem more bloodcurdling than they ever have in singlechannel reproduction, yet the pervading impression is one of haunting songlulness, primeval magic, and recollection of things long past. Particularly in the bassoon's high-voiced opening soliloquy and the eerily hushed trumpets which usher in "The Sacrifice" one is reminded, too, that another great spokesman of our time also evoked the spring to introduce the Burial of the Dead.

Literally spellbound by this latest and most moving of all the many Monteux performances of Le Sacre, 1 abandoned my intention of comparing it with his earlier Bostonian LP (LM 1149 of 1951), preferring to trust my memory that that was more searingly dramatic yet less poignantly emotion-wrenching. That too was a masterpiece of its time, but we never can go back — which is all the more cause for gratitude that there always will be eloquent artists



capable of exploiting to the full the expanded expressive resources made available to them. (Originally issued on LP as LM 2087, June 1957.)

### REEL MUSIC NOTES

AUDIO FIDELITY: The long-anticipated first stereo tapes issued under a label famous for its formidably wide-range LP recordings (and offbeat sonic materials) demonstrate with equal plausibility two contradictory technical theses: 1) single-channel techniques can be so effective that stereo versions of the same performances may be only slightly, if at all, more impressive; and 2) brilliant as single-channel recordings may be, they still can be incalculably enhanced in dramatic power and sonic incandescence by stereo. It all depends on the program materials, of course. In the case of Port Said, the LP of Mohammed El-Bakkar's Medicerranean-dive songs and dances (AFLP 1833, "Fi-Man's Fancy," Oct. 1957), while assuming added weight and breadth in stereo, hardly seems more notably hypnonic - possibly because the skirling reed instruments, clattering drums, tinkling finger cymbals, and rhapsodic chanting lose in exotic magic as they gain in realistic immediacy . . . possibly merely because the listener is too quickly and completely exhausted by such uninhibited, spasmodic energy ( • • AFST 1833, 37 min., \$12.95).

Yet with the scarcely less rambunctious marrial jazz of the Dukes of Dixieland's Vol. 3, Marching Along, the stereo versions of such pieces as My Home Town, McDonough Let the Trombones Blow, Eyes of Texas, and - above all - When Johnny Reb Comes Marching Home, become even more irresistibly exhilarating than in the sonically less expansive disc (AFLP 1851, "Fi-Man's Fancy," Sept. 1957). I can't explain this discrepancy. I can only report that, much as I relished the rowdy Dukes on LP, their unreconstructed gusto gripped me far more powerfully in stereo, where, too, Cooper's soaring clatinet, Porter's subterranean tuba, and Ferrara's driving percussion seem far less raucous and even more blazingly brilliant (. AFST 1851, 35 min., \$12.95). (In both these tapes, by the way, the program itself is preceded by a 10-second test tone for home channellevel balancing.)

CAPITOL: Bluck Satin, by George Shearing's augmented quintet, is not recorded at such extremely high levels as many of the other Capitol steteo pops, but similarly combines notable ronal crispness with considerable reverberance and broad acoustic spread. A couple of ventures into mildly Latin-American-flavored materials are not particularly interesting, but the MacDowellish Folks Who Live on the Hill, Rachmaninoffian Moon Song, and richly lyrical Starlight Souvenirs defuly contrast lush stringchoir expressiveness with Shearing's own sparkling piano arabesques. There are similar tonally sensuous charms to One Morning in May, but not, alas, the original lilting verve with which Hoagy Carmichael bimself used to play his never-fully-appreciared masterpiece (• • ZC 13, 29 min., St1.95; also available on LP as T 858).

Continued on next page



Thistomar

ENTRON

( Personal )



### Continued from preceding page

COLUMBIA: Sammy Kaye applies his familiar "swing and sway" formula so glibly to the hit tunes from Bells Are Ringing that all ten of them become nearly undistinguishable. Yet for dancers who want no surprises, a dependably steady bear, and warm tunefulness, this tape is not only satisfactory but has the added attractions of beautifully recorded, ingratiating sonorities (• • ICB 1, 26 min., \$12.95; originally issued on LP as CL 960).

CONCERT HALL: Broadway Spectacular is a long program of show hits in Norman Leyden's big-band performances, perhaps better adapted for musical mood settings than for actual dancing and most effective in their brisker moments (Standing on the Corner, March of the Siamese Children, So in Love, etc.) than in their blander ones (If I Love You, Some Enchanted Econing, etc.) where the string tone is too thin and intense for the intended effect of Mantovani-like lushness (• • HX 41, 30 min., \$11.95). Yet at least the brilliant recording and colorful scoring here make for easy listening, whereas after the first few bars of Time for Tina I had to force myself to go desperately on to the bitter end. Tina Louise undoubtedly is a very attractive girl to see in person or on television, but in stereo's all-too-realistic projection, her sbaky, sleepy, baby-doll voice slithers limply right out of one's loudspeakers all over the living-room floor. I complained recently about the overintimacy and lethargic sentimentality of Nat "King" Cole's Love is the Thing in stereo, but at least Nat is a musician with-even when he misapplies them-a true voice and sense of styling. Tina lacks both such graces, which makes her sluggishness and sloppiness all the more unbearable in full stereo "presence" (. EX 44, 20 min., \$8.95).

ELEKTRA (via Livingscon): Most attempts to mix jazz and Latin-American (or other exotic) idioms strike me as neither flesh nor fowl, and, strictly speaking, this is also true of the program of odd "originals" en-uitled The New York Jazz Quartes Goes Native (originally issued on LP as Elektra 118, July 1957). Yet such pieces as Jungle Noon, Oi Vay Calypio, Coo Coo Calypso, Sambalu, erc., are so imaginatively written, played with such infectious zest (at times even with poetic grace), and recorded with such expansive stereo warmth that they prove delectable in their own right. Herbie Mann's flure (which often sounds more like a piccolo to me) is costarred with the augmented quartet's two bongo drummers, and justly so, yet for me even their rhapsodic performances cannot obscure the surprisingly discreet and effective use of Mat Mathews' accordion (• EL 7-7 BN, 28 min., \$11.95).

MERCURY: George Weldon takes over from Sir John Barbirolli to lead the Hallé Orchestra in a typical summer-fare Russian pops program comprising three places from Khachaturian's Gayne Ballet (Dance of the Rose Maidens, Lullaby, and Sabre Dance),



Something seem to be missing when you listen to stereo? You hear music from the left, music from the right — but in between there's an unaccountable void. The "MAN IN THE MIDDLE" is missing.

Now listen to stereo as recorded by Stereophony Incorporated. What a difference! This is true stereo — a perfect blend of left, right and middle ... all of the thrilling realism and presence of a live performance. And it's all done with only two channels and two speakers. That's all anyone needs to produce full stereophonic sound when the original recordings are made to the exacting technical and engineering standards of Stereophony Incorporated.

Be sure you get all the sound that's rightfully yours when you buy stereo. Ask your local high fidelity dealer for Stereophony Incorporated recordings, or write to us for the name of the Stereophony dealer in your area.

You hear MIDDLE, as well as left and right, on Stereophony • Incorporated Tapes

# Christmas List of Current Releases

(HINT: Keep this listing handy in case the Santa Claus in your life asks what you want for Christmas.)

"RIGHT THERE" with SAM DONAHUE. Here's

"RIGHT THERE" with SAM DONAHUE. Here's the first stereo release featuring a big name band. The same all-stor aggregation presented on the NBC BAND STAND, in a series of ex-clingly arranged, donceable lozz standards. Catalog C 125, 32 minutes, 7 in. reel...S8.95 "GLORY LAND" with THE WAYCHMEN. One of the few surviving groups of illnerant re-vival singers, the Watchmen give out with an authentic brand of hand-clapping, fool-stamping camp meeting harmony. Catalog B 135, 22 minutes, 7 in. reel...S7.95 "SNOWCASE FOO SYMPODUC BAND" Here

.....

34

"SHOWCASE FOR SYMPHONIC BAND." Here is symphonic band music at its very best, played by the Chicago Symphonic Band – 48 woodwind, brass and percussion instruments. Ten exciting selections, from a Latin Beguine to a military march. Catalog C 141, 30 minutes, 7 in. real...\$8.95

Catalog C 141, 30 minutes, 7 in. real...38,95 "STRINGS BY STARLIGHT" with THE STERE-OPHONY STRING ORCHESTRA. A lavishly orchestrated selection of melodies that linger in the memory: among them "Two Guilars," "April in Paris," "Adias" and "Body and Saul." A sentimental journay in superb sterea. Catalog C 155, 30 minutes, 7 in. real...\$8,95



\*

1

Borodin's On the Steppes of Central Asia, Mussorgsky's Night on the Bare Mountain, and Rimsky's Flight of the Bumble Bee (originally issued, plus the Prince Igor Overture, on LP as MG 50737). Unfortunately, however, the playing itself also falls well within off-season standards - matterof-fact at its best, limp and rough at its worst. Only the clean, solid brilliance of the stereo recording and its effective caprure of the Manchester Free Trade Hall acoustics give this tape any real distinction (• • MDS 5.6, 28 min., \$12.95). Much more satisfactory, in a quite different but in its own way no less exacting domain, is Let's Dance by David Carroll and his Orchestra (simultaneously released on LP as MG 20281), which is that rara aris nowadays - a program of dance music eminently suited for actual dancing, shifting deftly between lively and lyrical materials, but always characterized by infectious zest and never overfancy. I like best the snappier, bouncier pieces like Yearning, Eupbrates, erc., and the genuinely amusing novelties like A Gliss to Remember and Dixie Dawn Patrol, but they're all fresh and catchy. Technically they are of interest as outstandingly crisp, sonically well-distributed examples of multi-mike techniques adapted to stereo purposes - clear proof that such techniques can achieve extraordinary clarity without any loss of airily spacious stereo "spicad" ( • • MDS 2-3, 28 min., \$12.95).

OMEGATAPE: Mike Todd seems blessed (at least outside Madison Square Garden wing dings) with a Good Angel who smiles on everything associated with his enterprises, for not only did Bel Canto issue a fine stereo taping of his Around the World in 80 Days filmscore (written by the late Victor Young), but now there's another, as good if not better, from Omegatape. Like the rival version, this was recorded abroad: in Vienna, I assume, since the noncommittally titled Omega Orchestra is conducted by Hans Hagen, most closely associated with the Volksoper there. He uses an apparently slightly smaller ensemble, slightly different arrangements in some passages, includes a section (India Countryside) omitted by Bel Canto, and in general provides a more relaxed and atmospheric if less brilliant and dramatic - performance. The recording too, in keeping with the interpretative characteristics, favors sonic warmth and transparency rather than sharp-focus clarity. The music itself re-mains most interesting to a symphonically experienced auditor who enjoys sporting the original sources of a prolific filmscoresmith's "inspiration," but for all its reminiscenses, it makes ingratiating background listening ( • • ST 3012, 40 min., \$14.95).

Still another tourist's view of Music From Distant Places, this time assembled from standard sources, is attempted by the Parisian André Montero and his Orchestra, but here the conductor (or atranger) never can quite make up his mind to settle on dance-band or salon-ensemble treatments. Pop pieces like Mexico, Paradise, and Poinciana come off fairly well, if somewhat lethargically, but the disarrangements of Londonderry Air, Melody in F, and Ravel's Pavane pour une infante défunte are tasteless in conception and excessively mannered





ALL PLAYER — All player, not a tape recorder, the EMC is designed to give you maximum playback quality at minimum price.

**GROWS WITH YOUR SOUND SYSTEM** — You can start enjoying stereo right now, by simply using your EMC Player as one speaker and a radio or TV set as the other. With the same player, you can step up to high-fidelity stereo by adding high-fidelity components. The better the components, the better the sound. You never outgrow your EMC!

Ask your high-fidelity dealer for an audition TAPE DECKI Some tops mechanism at EAC Streephonic Tape Player, minus the electronics... only \$89,95 RECORDINGS CORPORATION • 1806 E. Seventh Street • St. Paul 6, Minn.

December Miggy запр нан

123-1

with the

STEREOPHONIC

TAPE PLAYER

only

\$189<sup>95</sup>

A high-fidelity instrument built to professional standards At Last! A practical answer to your cost problem. The Warld's Largest Tape Recorder Outlet and Service Lab now brings you a money saving ...

# STEREO TAPE EXCHANGE

We believe these benefits will astound and delight you:

1. EXCHANGE \$50 WORTH OF STEREO TAPE FOR ONLY \$1.35 PER REEL. And you may keep the tape as long as you like. It's yours! Yes, you may even choose the spectacular new releases of Capitol, Mercury. RCA Columbia, Livingston and over 30 other companies. Yet you've given up nothing, since the stereo reels you send in exchange are the ones you no longer want. Just like finding money on your thelves.

2. RENT STEREO TAPES FOR ONLY \$1.45 EA. If you have no tapes to exchange, you may rent them. Yes, enjoy stereo a full month at only 5¢ per day. Then exchange them for other tapes you want to hear. No longer must you listen to the same tapes month after month. No longer must you buy in the dark. Now you may try them, enjoy them, without buying. And if you do purchase, the rental charge is cancelled.

3. FREE! A TERRIFIC \$9.95 STEREO PARTY TAPE. This specially prepared 1200' thing new and hilarious. . lets you record your friends singing familiar party favorites with spirited piano and organ accompaniment which you ere hearing simultaneously from the other track. Then rewind and play back both tracks for the funnist, most memorable events of the party. Always the hit of the evening, and may be done again at all your parties without ever erasing the beautiful piano and organ accompaniment.

4. FREE! 4 STEREO CATALOGS. Gives not just titles, but full contents of every reel on the market. Mailed quarterly.

5. BUY STEREO TAPES, BLANK TAPE, ACCESSORIES & HI-FI COM-PONENTS AT MAXIMUM SAVINGS. We guarance your savings to be equal to any other nationally known club plan or mail order catalog with manufacturer's approval. And you get our money back guarance of satisfaction on all equipment purchased.

6. HIGHER TRADE-IN ALLOWANCES. Our huge service lab and facilities for converting recorders to stereo, plus our 10 showrooms enable us to rebuild and resell recorders in quantity. This means highest possible trade-in allowances to you. You need wait no longer for the thrill of stereo in your home. Enjoy the living presence now possible on such fine (stacked head) units as BELL and PEN-TRON, best in the lower price range. Or for only a livite more you may own a system of amazing quality. ruggedness, and durability, the TANDBERG STEREO. And for those who want only the very, very best, the stereo leaders of the world, the professional machine now at a price you can easily afford . . .

AMPEX Only 10% down 24 months to pay

Mail this coupon today:

All of the above privileges are yours for 1 full year for only \$6.95. This is less than value of the fabulous 1200' party rape alone. STEREO TAPE EXCHANGE
344 Main St., Patersen, N. J. □ Enclosed is check or N.O. for \$6.95 for 1 year's membership. Send party tape, catalog, and derails for exchange and rental of tapes.
Send further info re: stereo tape exchange l and tape rentals.
Send literature and prices on stereo recorders. hi-fi components. I am particularly interested in
NAME
ADDRESS
CITY :

### TAPE DECK

### Continued from preceding page

in execution. It is claimed that special multi-mikings are used here to produce an "ADD" (Added Depth Dimension) effect, but since the stereoism in reproduction" strikes me as no better than fair. Fil wait to evaluate this technique until I can check its utilization in more appropriate programatic materials ( $\bullet$  ST 2011, 23 min., \$11.95).

RCA VICTOR: The urge to travel, if only in aural imagination, seems to be epidemic: now it's Frankie Carle leading a band from his keyboard Around the World, from the American Patrol to Loch Lomond, Under the Bridges of Paris, and so on and on, with only the Hindustan episode notable for any genuine verve. Frankie's own glittering piano bits are as pleasant as always, but he has saddled himself here with overfancy arrangements and an ensemble lacking both skill and tonal attractiveness ( . CPS 70, 25 min., \$10.95 also available on LP as LPM 1499, Oct. 1957). The even better indeed impressively wide-range and reverberant - recording of Lavalle in Hi-Fi is luckily allied to more grateful and distinctive materials: a kind of symphonic-band light program jazzed up a bit for easy home listening, featuring such novelty pieces as the Clarinet Polka, Whistler and his Dog, Tumblin' Tumbleweed, etc. The best of these is the most rumbling When Yuba Plays the Tuba I've ever heard. I still can't believe the notes' assertion that two tuba players take the star role here in unison, but at any rate someone (or ones) plays magnificently, winding up with a cellar-shaking bottom note that every hi-fi connoisseur should be happy to add to his prized collection of memorable "lows." And an expressive, piquantly colored, but not overelaborate arrangement of Where or When is almost as good ( ... CPS 72, 22 min., \$10.95).

RIVERSIDE (via Livingston): I've become such a backward-looker, if not outright sourpuss, where currently popular folk singers are concerned, that it's mighty comforting to come at last on one who strikes me as neither precious nor insufferably mannered - either in comparison with the great earlier minstrels or considered on his own unpretentious but distinctively individual merits. He's Bob Gibson and he does a fine straightforward job with John Henry, Dance Boatman Dance, Lost Jimmy W belan, To-Morrow, Mattie Graves, Lullaby of the West, and the title song of this collection, I Come for to Sing. He has only one-and that a comparative - failure in the Money is King calypso song, but to overbalance that he is magnificent in the haunting Abilene, zestful Drill Ye Tarrier Drill, and a wondrously litting Springfield Mountain. His own banjo adds notably to the effectiveness of the little accompanying ensemble and the recording is not only first-rate, ultratransparent and natural stereo, but it is ingeniously exploited by varied (usually off-center) soloist positions and distances from the microphones as befit the varied natures of the songs themselves (• • RT 7-11 BN, 27 min., \$11.95).



TELEPHONE PICK-UP COIL For transcribing telephone conversations with recorder or making messages audible on amplifier. May also be used as probe for locating sources of hum. More constant signal level than base May also be used as proce tor locating source of hum. More constant signal level than base mounted onits. Suction-cup mounting on any telephone receiver. Supplied with 68 shielded cable, terminated with standard phone plug for recorder or amplifer. Price \$795 Model HP-61 MATCHING TRANSFORMER A precision transformer developed to enable the audiophile to modify, enlarge, redesign, or rearrance his speaker systems. Permits use of additional speakers of different impedance ratings with present amplifier, or crossover netrange with present amplifier, or crossover net-works, without impedance mismatch. Delivers equal, or 3 db. adjustable power, to all speakers. Power 50 watts, 100 watts peak. Frequency response 15 to 30,000 cycles. Matching range: any combination of 1 to 3 speakers of 16, 8, 4  $\Omega$ . Model HM-80 Price \$2175 ..... valiable from Electronic and Audio Distributes COMPANY Inc. ley Stream, L. I., ROBINS' AUDIO ACCESSORIESI 14 7. 13 14 GIBSON GIRL<sup>®</sup> TAPE Semi-Pro Junior Standard De luxe Industrial (5 sizes to 1'') SPLICERS SP-4 TS-4JR TS-4STD TS-4DLX 8.50 11.50 (net) 55.00 ROBINS PHONO AND TAPE ACCESSORIES ROBINS PHONO AND TAPI 6. Splicing tape 7. Jockey Cloth for Tapes 8. Tape Threader 9. AUD-O-FILE 10. Changer Covers 11. Turntable Covers 12. DisClosures 13. Jockey Cloth for Records 14. KleeNeeDLE. 15. Phono-Cushion, 10", 12" 16. Atomic Jewel At Dealers E ST-500 JCT-Z TT-I .39 TT-1 AF-50 (net) 23 99 CC-1, 2 2.00 CC-3 2.50 2.50 CC-3 EIO, I2 (płg) JC-I NB-1 PC-IO, I2 SE-90 1.00 At Dealers Everywhere **ROBINS INDUSTRIES CORP.** 

HIGH FIDELITY MAGAZINE

1



# The world's finest hi-fi tape recorder

The ultimate in high-fidelity tape recorders for home and professional use. Dual-speed, dual-track FERROGRAPH recorders are also available in custom models (tape decks available, from \$195.) and with 7½ and 15 ips speeds. Independent field performance tests rate Frequency Response at  $\pm 2$  db between 50 and 10,000 cycles with wow and flutter less than 0.2% at 7½ ips.

Quality standards have restricted our production and unforseen demand may delay delivery, write TODAY for literature.

ERCONA CORPORATION (Electronic Division) 551 Filth Ave., Dept. 22, New York 17, N. Y. In Canada: Astral Electric Co. Ltd. 44 Danforth Road, Toronto 13



recorder tapes PLUS complete, easy-to-follow instructions by Joel Tall, tape editor of CBS! The EdiTall tape splicing block has been used for years by tape editors-now it can be yours in this complate low-cost Splicing Kit.

KI <b>T</b> CONTENTS	<ul> <li>Editali Tape Splicing Block</li> <li>66-ft. voli of splicing tape</li> <li>Package of cutting blades</li> <li>Marker pendil</li> <li>Complete Instructionit</li> </ul>
At deal	ers everywhere or write

ECH LABORATORIES, INC. PALISADES PARK, NEW JERSEN

STEREOPHONY, INC .: I wish I could present copies of Austin Throckmorton and his Rick-y-Tic Piano in Stereo and The Further Adventures of Austin Throckmorton to all my unco-serious pianistic friends - just to flabbergast them by what can happen on a keyboard in the barroom on the other side of the tracks. But I'm afraid that they wouldn't be as much shocked as (eventually) fascinated by a virtuosity as remarkable in its own field as Rubinstein's. say, is in theirs. If the leaflet notes are to be believed, Austin Throckmorton is this genius' real name and although he doesn't play an acrual barroom piano (or one of those in certain unmentionable circles once ornamented - professionally - by Brahms in his early days), he achieves much the same effect by judicious placement of thumbtacks in the hammer felts. But as always the means are unimportant: it's the results which count. And here these include some of the oddest, dryly percussive tonal qualities (cleanly captured in strong, wellspread stereo recording) I've ever encountered, and - even more significantly - the art of flamboyant ragtime which I had thought was forever lost. Throckmorton plays with such infectious gusto, insidious rbythm, heroic éclat, and even - at times - surprising lyricism that I quite resent the addition (in three pieces only on Vol. 2) of a "rhythm section" flaunting an overlifesize, sonically monstrous string bass. He is unsurpassable, in his own rowdy but engaging way and idiom, all by himself! (• • A 100 and A 101, 5-in reels; 15 min., \$6.95, each).

VERVE: The first "Reels o' Gold" I've received (and, by golly, the reels themselves, if not genuwine gold, are at least a glitteringly polished facsimile!) leave me miserly greedy for more - for their musical and technical as well as visual attractions. I'm grateful to Buddy Bregman's Funny Face and other Gershwin-hits program for reassuring me that present-day big-band, bigsound treatments of some of my favorite tunes need not spoil them for me. The arrangements here are effective without being tricky and provide boldly sonorous vehicles for Bregman's vigorous ensemble (starring in particular a fine, but unaccredited, trombonist), magnificently broadspread yet clean stereo recording, and richly reverberant acoustics ( • • VST 10008, 32 min., \$12.95). And the only complaint I possibly can have about Ella Fitzgerald Sings the Rodgers & Hart Song Book is that I've been sent so fat only Vol. 3 of the four-reel complete set (issued earlier on two LPs, 4002-2). For not only is Ella herself in superb form, but the orchestra is again Bregman's in arrangements, performances, and recordings comparable in every way to those in the Gershwin tape. A truly haunting, undragged With a Song in My Heart is perhaps tops here, but an easily rollicking You Took Advantage of Me and lilting Bewitched, Bothered, and Bewildered are almost as outstanding, while all the rest (Johnny One Note, Small Hotel, Wait Till You See Him, and Have You Met Sir Jones) would be quite enough to catapult any other singer into immediate stardom ( • • VST 10003, Vol. 3, 23 min., \$12.95).



# **Record this Christmas forever** on tapes made with MYLAR®

This Christmas, when you record the kids' voices, family gatherings, or those "once in a lifetime" songfests, you'll want to make sure they last and last for years to come. By recording on tapes made with "Mylar"\* polyester film, you assure yourself of the ultimate in longlasting fidelity. Here's why:

NO STRETCHING PROBLEM-Under normal operating conditions, tapes made with "Mylar" will not stretch or break. There's an extra margin of safety against stretching offered in no other tape.

EXTRA PLAYING TIME—Tape made with "Mylar" offers far betler performance plus

LOOK

50% or more extra playing time per reel . . . fewer reel changes necessary; less storage space is needed.

NO STORAGE PROBLEM—Tapes made with "Mylar" can't dry out or become brittle with age ... no special storage facilities needed to protect tapes against changes in temperature and bumidity.

So this Christmas, make all your re-cordings on the new high-quality tapes made with "Mylar". Ask your dealer for an extra reel ... make it two reels ... of your favorite brand of tape-now made with "Mylar".

FOR THE NAME MYLAR ON THE BOXI

\*Du Pont manufactures the base material "Mylar" —not finished recording tape, "Mylar" is Du Pont's registered trademark for its brand of polyester film.



HIGH FIDELITY MAGAZINE O

www.americanradiohistory.com

# A Hi-Fi Primer

# by John H. Newitt

Our attempt in this article is to portray a typical cross section of the quality range available in bi-fi equipment. Just as with any other equipment, various degrees of quality exist. Some manufacturers, unfortunately, choose to interpret the term "hi-fi" quite loosely. Others are actually pushing the art into new realms. This article, in itself, cannot be a complete yardstick for the wide array of equipment available but perhaps it will make the reader aware of some of the factors that lie behind the differences in available equipment.

It is recommended as a first step in equipment evaluation that one become acquainted with equipment specifications and what they mean so that the wheat can be separated from the chaff. After the choice has been narrowed down to a few good units, in this manner, one can usually make some final decisions by comparative listening tests. Such an over-all procedure will eliminate the need for systematic cerns do not always make the best hi-fi units. (Some large ically testing all the many units now manufactured.

When comparing specifications, you will note that some manufacturers avoid publicizing certain specifications. Others publish sypical or average specifications. What is really important is to see if the manufacturer has guaranteed his specifications. A manufacturer willing to put himself on such a spot usually will have a product that is slightly better than he claims it to be. Typical specifications could, in a broad sense, refer to a laboratory model after which the equipment was patterned. Average specifications are perhaps a little better than typical ones, but even in their case the buyer does not really know how far above or below the manufacturer's average his particular unit might be.

Specifications are tricky things and it takes a fair amount of experience and insight to read them effectively. As an example, one manufacturer may quote the power output of his amplifier at 20 watts and then proceed to quote very low and artractive distortion values. What a questionable manufacturer may not specify is whether these distortion values apply to the full power output of the amplifier or whether they apply to some undisclosed power value. There is a world of difference between two such conditions. Low distortion at high power (or full-rated power output) and wide-range response at full power output is difficult and expensive to achieve in an amplifier, while it is relatively easy to produce an amplifier that has low distortion at low power. Thus a manufacturer of inferior equipment may be tempted either to skip this subject entirely or to quote distortion and power separately if he does so at all. Specifications of amplifiers can be quite accurately indicative of expected performance, since amplifiers are purely electrical devices. What goes in and how perfectly it comes out can be measured in the laboratory very reliably. The better manufacturers do not dodge the question of specifications; indeed, they are quite proud of their accomplishments and, therefore, willing to guarantee performance. Needless to say, for our first weeding out process, such standards may be a helpful guide.

Since many manufacturers of inferior equipment are reluctant to quote critical specifications, it is an excellent idea to study the specifications of the better equipment. Using

these as a standard, you can then intelligently examine units for prospective purchase both for completeness and quality of specification. Reputable manufacturers and dealers are usually quite ready to furnish the complete specifications of their units upon request. It is worthy of note that the largest manufacturing con-

companies do make excellent units, however. The variable reluctance phonograph cartridge is perhaps the outstanding example of a high-quality mass-produced product.) Massproduction procedures sometimes impose limits on quality standards. Small plants that operate with a laboratory-type production line are not subject to this - not that I mean to imply that just because a company is small it makes good products. However, several of the small companies in the high-fidelity business have come into existence through technical developments that constitute valuable contributions to the art. Examples of these are such things as the (true) corner-horn, the tapped-screen or Ultra-Linear amplifier, the variable reluctance and FM pickup cartridge, the electrostatic tweeter, and the late developments in small, acousticsuspension woofers.

It may be difficult for the nontechnical man properly to evaluate a new development in its initial stages, when the publicity pressure is heavy. It is axiomatic, however, that good ideas stay as the others come and go. A really good innovation is one that can survive the growing pains of its company of origin, although it more often results in making a company.

To help the newcomer find his way through the present day's maze of products, it might be well to set up some arbitrary system classifications, such as substandard, minimum acceptable, bigh grade, and professional. Examples from these categories then will produce a good cross section of currently available components. Since manufacturers' standards of high fidelity are arbitrary, mine may be also.

No doubt these divisions will be controversial, since they represent a personal opinion; nevertheless they do show one way in which equipment might be categorized.

Substandard hi-fi equipment, as I choose to define it here, would include the standard mass-production types of small radio and phonograph sets, and probably most of the so called hi-fi sets produced by the very large manufacturers. Also, much of the very low-priced audio gear --- amplifiers, phonograph mechanisms, etc. - will fall into the substandard class. So will many of the extremely inexpensive "hi-fi" custom packages sold by the radio stores. In several instances,



The diamond is an enlargement of a gem from the collection of Black, Starr & Gorham

# The Best High Fidelity Receiver Money Can Buy

When the original Harman-Kardon Festival appeared, it marked a significant new development in the high fidelity industry. It was the first genuine high fidelity instrument to combine an AM-FM tuner, amplifier and pre-amplifier on one handsome, compact chassis. It sparked the trend away from the complicated "machinery" type instruments to the goodlooking, coordinated units so popular today.

As with all important "firsts" — The Festival has its imitators. But the new Harman-Kardon Festival II is the finest instrument of its type in every important respect.

#### MOST SENSITIVE AM-FM TUNER

Alone among instruments of its type, the Harman-Kardon Festival II features the revolutionary "Inter-Mode" front end. Now for the first time the practical limit of FM sensitivity has been achieved. This new circuit provides more gain, eliminates fading and is superior to all other circuits in impulse noise rejection.

You really should tune a Festival II yourself. Do it at your high fidelity dealer's and note the remarkable ease with which it receives the weakest station on the dial. Check the crisp, sure feel of its tuning. See how every station literally "pops" into place — precisely tuned — when the Automatic Frequency Control is on. Only The Festival II provides automatic quieting between stations by the action of its exclusive Automatic Noise Gate.

### MOST COMPLETE AND FLEXIBLE PREAMPLIFIER

The preamplifier section of The Festival II features enormously effective treble and bass tone controls to adjust for the acoustics of your room; 6-position loudness contour selector to deliver the correct balance of bass and treble energy no matter how high — or low — the volume control is set; selectable record and tape equalization, remote speaker selector switch and rumble filter. These, and many other features — expressed in six easy-tooperate controls—provide performance and an ease in achieving this performance which no competitive instrument can match.

#### MOST POWERFUL AMPLIFIER

The Festival II incorporates the only 40 watt amplifier the most powerful and the most efficient — in any complete high fidelity receiver. It provides the hum-free, distortion-free high power you need for today's new extended range speakers. Its unique "Controlled H" circuit creates less heat than conventional amplifiers offering half its power. As a result, you are protected against component failure due to excessive heat.

The Festival II is extraordinarily sleek and handsome in appearance. The cage and control panel are finished in brushed copper; the knobs und escutcheon frame in matte black.

Simply add a quality record player and speaker to The Festival II and a high fidelity system of incomparable performance is yours.

ADDITIONAL SPECIFICATIONS: FM Sensitivity = 0.85 microvolts for 20db of quieting (input unloaded)  $\cdot$  Frequency Response  $= 20\cdot20,000$  cps  $\pm \frac{1}{2}$ db  $\cdot$  FM hum level = 65db below 100% modulation  $\cdot$  FM distortion—less than  $\frac{1}{2}$ % IM at 30% modulation  $\cdot$  Radiation = 30 microvolts better than FCC safety level  $\cdot$  Output Level = 40 watts at less than 0.3% barmonic distortion and less than 1% IM  $\cdot$  Peak Power Output = 80 watts  $\cdot$  Illuminated tuning meter  $\cdot$  Variable AFC  $\cdot$  Variable ANG  $\cdot$  3-position rumble filter  $\cdot$  3-position speaker selector switch  $\cdot$  9-position function selector switch. The Festival II is 16%" wide x 3%" high x 14" deep.

The Festival II . . . \$250.00 (Slightly higher in the West)

For a free, illustrated brochure on the complete Harman-Kardon line -write to Dept. H-012, Harman-Kardon, Inc., Westbury, New York.



I have observed that the sound of these appliance-store sets can often be greatly improved by disconnecting one or more of the small speakers that were apparently put in solely so that the units could be given the high-fidelity label. The general public apparently has been duped into believing that a phonograph requires nothing more than a couple of additional speakers to become a "hi-fi." Without technical and advertising standards for hi-fi, this sort of thing was bound to occur.

Typical shortcomings of the mass-produced hi-fi sets are the severe limitations in the upper and lower frequency ranges. The low bass range is restricted by the use of a cheap "woofer" or an inadequate enclosure, and this in turn allows a phonograph changer mechanism with otherwise excessive tumble to be employed. Severe distortion is usually present in both the upper and lower frequency ranges, so the set designers may find it advisable to restrict the high-frequency range also. At least they usually offer a treble control, so that the user may do so himself. All I can say about these is *caveat emptor*.

The same thing holds true for most *bargain-counter* hi-fi equipment. A rare one or two of these cut-rate components *are* true bargains — high-grade items that have been marked down because they have been superseded by newer models. Most of these Sensational Once-in-a-Liferime opportunities are, however, nothing more than radio-grade replacement speakers, cheap public-address amplifiers, and inferior phonograph equipment. It is safe to assume that any inordinately inexpensive hi-fi component needs a very close inspection before purchase.

Where there are sizable price differences between two similar-appearing pieces of equipment, it is wise to try to find out why. In the case of loudspeakers, for example, one might find on a bargain counter a 12-inch speaker selling for only a few dollars. This would likely be a close-out on a radio-set grade of replacement speaker. To the eye it may seem very much like another speaker of the same size, found at a considerably higher price in a quality line of hi-fi goods. But while the two speakers may look alike, their similarity will end there. And remember, although large speakers are generally to be preferred as woofers, even as a woofer, a true high-fidelity 8-inch speaker is preferable to a 12-inch or 15inch radio-grade speaker.

With any speaker, an acoustic baffle of some sort is needed. Any box or board on which (or in which) a speaker is mounted is, of course, a baffle. However, there are baffles and baffles, and those in typical radio sets are totally inadequate for high-fidelity performance.

A minimum woofer speaker baffle would be some form of inned bass-reflex compensation. With such compensation, the cabinet is acoustically tuned to the specific resonance of the speaker in use and, under the proper conditions, will not only cancel out the major resonance effect of the speaker (and immensely reduce low-frequency distortion) but will also extend the low end of the response range an extra octave as well! This is certainly worth the small amount of extra woodwork involved and constitutes an economical way to make a good speaker perform like a better one.

Keep in mind that I am referring to a tuned bass reflex system. Many bass reflex systems of the past — and of the present — are untuned and, hence, are not capable of the response that we need for our minimum system. If it comes to that, many inexpensive "corner-horns" are in reality just bass reflex systems wherein the reflex duct has a generally expanding contour. They are actually suitable only with speakers for which they are designed; they are not "universal" enclosures. This "horn-type" loading has been confused with true horn action in many cases. A true corner-horn is so much more expensive than the bass-reflex type of "horn" that there should be no real confusion in trying to distinguish one system from the other.

An alternative baffle for our minimum system could be some form of an infinite baffle (i.e., total enclosure). The main difficulty with the *conventional* speaker in an infinite baffle is that small total-enclosure boxes will raise the resonant point of the system prohibitively and, consequently, both a very large box and a fairly expensive bass speaker are needed to produce acceptable low-end response. In a sense, this is the hard way of doing things. Where cost and space are factors, a tuned bass-reflex system may be the indicated "best buy." Where space and quality are the main factors, one of the new acoustic-suspension speaker systems may furnish the solution. And most of the moderately expensive full-range systems (priced at two or three hundred dollars) would be of adequate quality for our minimum-hunter.

An amplifier for a minimum system should yield at least 15 watts of power (if one employs a low-efficiency speaker, it probably should offer more). It is advisable to get an amplifier more powerful than it absolutely has to be. By running such an amplifier conservatively one can have and keep lowdistortion performance. Some of the better kit amplifiers, especially those that employ the tapped-screen output circuit, are highly satisfactory. Subject, of course, to ineptness in its assembly, a good kit amplifier, conservatively run, can produce results which are hardly discernible, if at all, from what a very expensive ready-made amplifier will do.

Generally, one would want an amplifier that has less than 3% total distortion at *full rated output* over the normal audio range (20 cps to 20 kc or higher). There are a number of other specifications that should also be met but this one will eliminate the real lemons from consideration. One rough guide to a good hi-fi amplifier is the size of the output transformer; it is very difficult to secure low distortion at high power over a wide frequency range with a small output transformer. Note that the power amplifiers which have the best ratings are almost always heavy and usually bulky. A large output transformer does not, in itself, guarantee good performance, but a small one should be a definite caution sign.

With a bulky power amplifier, it is usually desirable to provide a remotely operated preamplifier unit that contains the tone and volume controls and can also be used as an input source and selector for the phonograph, tuner, tape recorder, etc. Depending upon one's interests, the preamplifier-control unit may be located in a tuner, or it may be an autonomous unit located at some convenient control position in the listening room. Some of the smaller power amplifiers include the preamplifier and control circuits on a single chassis; in some installations this may save space. When considering a small unit, always think about whether it has sufficient power for present and future applications — your next speaker may be a low-efficiency type.

There are preamplifier-control units with all sorts of features to please the fastidious phonograph and tape listener. On the other hand, for simple installations there are simple preamps, some of them incorporated in tuners. A

		- SUB STANDARD	the second second		ACCEPTABLE		The last
MIDGET	RADIO & TV CONSOLE SETS	SD-CALLED HEFT PHONOS AND RADIO SETS	INERPENSIVE AUDIO SYSTEM PACHAGES AND BETTER GRASE NIVET RADIO SETS	INTERMEDIATE GRADE EQUIPMENT	MINIMUM SYSTEM	HIGH GRADE SYSTEM	PROPESSIONAL
		TABLE CONSICLES			-		

very low value of distortion is required in a preamplifier if the over-all distortion of the system is to be held down. Since the preamp is a low-level device, hum and noise should likewise be held to an absolute minimum. No audible hum or noise should be discernible from a properly integrated system, at a normal listening distance, with the input shorted and the volume control turned full on (this is a good test to make on any system).

The phonograph equipment for a minimum hi-fi system should incorporate only the very best changer mechanism or manual player. Better yet, though more expensive, might be a heavy-duty transcription-type turntable with precisionmade arm. Even the best mechanisms should be checked for wow, flutter, and rumble. Wow is a slow variation, and flutter a fast variation, in pitch; either can be caused by eccentricities in motor speed or imperfections in the table drive system. Rumble is a low-frequency vibration from the bearings of the mechanism.

If the audio system has exceptionally good low-end response, rumble can be most annoying; in some cases, it can actually develop voltages which block the operation of the amplifier. If a bi-fi system can utilize a rumbly changer mechanism without objectional results, it is a sign that the low-end response can stand considerable improvement. Any appreciable improvement in low-end response might require an improved phonograph player mechanism, so the whole problem must be considered cautiously. Excessive wow or flutter is noticeable and objectionable on any system.

The pickup for a minimum system should be a magnetic or FM cartridge although, if a good crystal unit is available with an existing system, it can be given a try. The magnetic cartridge has low output and needs frequency compensation; this requires a specially designed input stage. Most modern amplifiers and tuners with control sections provide an input facility (special stage) for this type of cartridge. A crystal cartridge can be connected to any high-level preamp input, or to a power amplifier with only a volume control. Careful listening is required to select a suitable crystal or ceramic cartridge, because most are not up to true hi-fi quality.

The high-grade system, as I define it bere, is one that requires competence and experience to assemble. If a beginner is not able to secure good advice for the integration of such a system, it may be well to settle for a lesser system until be gains experience bimself. Education by the latter route is usually not too costly, and will put him in a position to judge what he really wants when he chooses his ultimate system later on.

For the very high-grade system, nothing far short of the best available is acceptable. This implies total amplifier distortion of less than 1%, and full-range response (20 cps to 20 kc) with less than 1 db variation, at full rated power output. A very good amplifier should be purchased.

The woofer and its acoustic enclosure for this system should be a factory-designed unit, and the tweeter must be completely compatible with the woofer. A number of excellent woofers and tweeters are individually available but, because of differences in efficiency, rolloff, and other characteristics, many of them do not combine compatibly. If you can match two of the better-quality units on an experimental basis, well and good; but unless you are certain they work perfectly together, it is safer to get a system consisting of a standard combination or an integrated unit. This should include the enclosure also; I consider bomemade acoustic enclosures and the bass-reflex systems discussed previously to be unacceptable in this quality range. One could consider one of the better types of all-horn systems, for example.

Some new small-cabinet woofers and their full-range counterparts are excellent units for this quality class. A very good woofer that has an exceptionally even response through an extended low range, when mounted in an infinite baffle, could be used in combination with an electrostatic twerter of comparable power and efficiency. Some of the better 600 to 800-cycle crossover horn-type tweeters are an alternative choice to an electrostatic tweeter. Many of the horn-type tweeters, however, are characterized by a somewhat uneven output over their operational range, and only a few of the better ones are acceptable for this quality range.

The loudspeakers and their enclosures are most critical elements of the high-grade system, and it is advisable to try a few of the better loudspeaker systems on a trial basis until a final determination can be made by comparative listening tests. It should be noted, in this respect, that the huge and very expensive boxes may not be best for everyone. Some of these systems are intrinsically good, although their quality stems basically from the inherent quality of the reproducer mechanisms which they contain — the very large enclosures simply follow as a natural requirement. Optimum design calls for the proper consideration and proportioning of both the reproducer and its acoustic enclosure. Not all the best systems wind up huge io size, by any means; the finest small systems simply exchange efficiency for bulk, hence requice more powerful amplifiers.

In this phonograph system we should consider nothing but a magnetic (variable reluctance or dynamic) or an FM cartridge. If full-range bass response is to be exploited, a heavy-duty transcription-type turntable must be used. Such a unit should be checked out to be free from rumble; this can be done by turning up the bass response of the system and listening for rumble when the pickup is running on an unmodulated record groove. As a guide to the selection of a turntable for trial, look for one with the lowest guaranteed rumble and wow figure (0.3% or less wow and flutter is an indication of a good turntable). There are many excellent semiprofessional turntables that are patterned after professional units. These should be quite adequate for the high-grade system.

Professional-grade equipment is, of course, the best available studio-type equipment. Most of it, although not all, has specifications that are only slightly better than those of the high-grade hi-fi system. From a quality standpoint, a trained musician may have difficulty in discerning audible differences between the high-grade and the professional systems; price is the primary factor that separates the two. Professional equipment (such as a sound studio would buy) is technically the very best that the state of the art can furnish.

Professional-grade tape recorders are as good as the best LP systems, but they are extremely expensive; they can run into several thousand dollars for the best of them. Lowercost versions of professional-type recorders are available from a few hundred dollars up, and these are perfectly adequate for the high-grade system. It is unlikely that most "package" tape recorders (the kind with built-in power amplifier and speaker) would be acceptable for the high-grade system. Only a very few of the better and more expensive package tape recorders would be acceptable even for the minimum system. A recorder with  $71/_2$ -ips speed, a 40-15,000-cps ( $\pm 3$ db) frequency range, 0.3% or less flutter, and no discernible beats from the erase oscillator, would probably be acceptable.

Tuners for use with any system should be of the better grade, and should have transformer-type power supplies. They should be checked out very much like a preamplifier (for low hum, low noise, and low over-all distortion). In addition, they ought to be stable (should not drift from the station setting), and suitably sensitive to bring stations in at a good level above the noise background. With a good antenna, limiting should occur on all local and moderately distant FM stations. Controls should be free from noise and should be easy to operate. Characteristics of some of the better tuners can be studied for a closer appreciation of what one should expect in the way of a tuner for a minimum or high-grade system. When purchasing your high fidelity system, compare the total distortion from antenna to the power amplifier output.

COMPARE

# SARGENT-RAYMENT

SR-100 has 300% less amplitude modulation distortion!



The SR-100, 200, and 300 are now available with either console mounting escutcheon or cantilevered wood cabinets, with the industry's most advanced electronic features:

- \* Two tube lowest distortion AM detector (.45% harmonic distortion at 100% mod.)
- \* Null "T" 10KC whistle filter (zero attenuation at 8KC, -55 db at 10KC)
- \* Variable rumble and hum filter (40 db notch, variable from 19 to 122 cps.)
- \* Variable scratch and HF noise filter (18 db per octave, variable from 2400 to 20KC)
- 3 uv sensitivity for 20 db quieting on FM regardless of load
- Largest commercially available ferrite loopstick for optimum AM performance
- 70 watts power output with less than 1% IM distortion
- MIL (Govt.) type cabled and harnessed wiring and wrapped joints
- Professional Bass and Treble controls. 15 db boost and attenuation with only 1 db variation at mid-frequency

EXCLUSIVE ELECTRONIC DEVELOPMENTS

found only in SARGENT-RAYMENT high fidelity instruments

SARGENT-RAYMENT CO. Est. 1927

4926 East 12th Street, Oakland 1, California

DECEMBER 1957

www.americanradiohistory.com

Tuners—first to achieve under one microvolt sensitivity for 20 db FM quieting; increases station range to over 100 miles. Other important features include the new "Feather-Ray" tuning eye, AFC switch, fly-wheel tuning, level control and cathode-follower output. Model S-2000 FM-AM Tuner \$139.50 net . . Model S-3000 FM only luner \$99.50 net.

Amplifiers-36 watts with new "presence" rise button. This all new amplifier brings maximum pleasure to both music lover and Hi-Fi expert . . . with at least six more features than any competitor. Front panel controls are simple, record, microphone and tape-playback equalization; exclusive "center-set" loudness control, loudness compensation switch, scratch and rumble fifters, phono level control, tape-monitor switch, selection of 6 inputs; output tube balance control and test switch on rear. Model S-1000 II-36 watts-\$109.50 net.





for Ultimate Fidelity

# SHERWOOD\*

What do you prefer—classical, popular, opera, jazz, folk music? No matter what your preference; no matter what your source of music—your own discs, tape or FM—you will achieve ultimate enjoyment from Sherwood's complete home music center ... most honored of them all!

Forester 3-way speaker systems available in a variety of cabinet styles from \$189.00 net.

# SHERWOOD

ELECTRONIC LABORATORIES, INC. 2802 W. Cullom Avenue, Chicago 18, Illinois

In New York, hear "Account on Sound" with Skip Westner, WBAI-FM, week nights, 9 P.M. in Los Angeles, KRHM-FM, 10 P.M. For complete specifications, Write Dept. H-12.

HIGH FIDELITY MAGAZINE

ionors bystow

ed, by most recognized testing organizations



99.75 net

# **NEW 12" PRECISION TURNTABLE**

### 

0

0

0

0

0

0

0

0

0

0

0

0

60

10

10

OUTSTANDING FEATURES

0

Four speeds, each with +3% speed adjustment. Built-in illuminated 0 0 strobe disk for all speeds. Built-in 0 level bubble and leveling screws. Precision 4-pole motor, extra-com-0 pliant belt-drive and idler system plus exclusive Thorens Roto-Drive 0 principle, provide complete vibration 0 isolation, absolutely constant speed. 0 Provision for easily changing arms without leaving unsightly perma-nent marks:--just replace low-cost arm mounting board, available for 12" or 16" arms in various finishes. Easy to mount, the TD-124 requires 0 0 O G only 23/4" clearance below mount-ing board. Furnished with attached 0 line cord, shielded cable and solder 0 plate. 0 0 00000000000000 Gyro-like Roto-Drive gives new Thorens TD-124 absolute speed uniformity. Heavier than 16-inch turntables, yet it starts, stops in less than 2/3 turn!

How to get the heaviest possible turntable for smooth, absolutely quiet operation without sacrificing fast starts and stops.

That's the problem Thorens engineers faced when they set out to build the best four-speed, 12-inch, hi-fi turntable money can buy. You'll be amazed at the simplicity of their solution.

The new TD-124 really has two turntables in one: (1) a heavy 10-lb. rim-concentrated, cast-iron flywheel (outweighs 16" aluminum turntables) (2) a light aluminum cover, or turntable proper. An exclusive, Thorens-originated clutch couples or decouples the light aluminum table to the heavy flywheel for instant starts and stops. What's more, the Thorens double turntable system gives you the weight of a cast-iron table (3 times as heavy as aluminum) without danger of attracting any pickup magnet. And with this unique construction, your pickup gets magnetic shielding from motor or transformer hum fields by the iron turntable.

Ask your hi-fi dealer to show you the Thorens TD-124. Better yet, arrange to hear one of those critical, slow piano records on the TD-124. If you don't know who your dealer is, write Thorens Company, Dept.H12.7 New Hyde Park, N.Y. 7.9



SWISS MADE PRODUCTS

139

HI-FI COMPONENTS . LIGHTERS . SPRING-POWERED SHAVERS . MUSIC BOXES

### TESTED IN THE HOME

### Continued from page 138

fastening the weight to the arm can upset this balance—so don't touch. In addition, the total weight of the arm pressing on the tiny needle point creates a very high value of unit pressure at the pivot, eliminating any tendency toward pivot rattles.

Installation of the Unipoise is simple and straightforward. The instructions specify using an 11/16-inch drill for the pickup mounting, although this unusually large hole is not actually needed for arm mounting. It is to allow passage of the pre-attached output socket through the motor board, where it fastens to a mounting bracket beneath the arm base. This means that a standard pre-wired interconnecting cable (with RETMA plugs on both ends) can be used for the connection between pickup and preamplifier . . . a welcome convenience, particularly to those who find it difficult to attach phono plugs to shielded cable.

Other convenience features include a small, soft-bristled brush attached to the arm rest, where it wipes accumulated dust from the stylus, and a generous looped finger-lift directly behind the cartridge.

The Unipoise was easy to handle, and my measurements and listening tests with it confirmed Roy Allison's findings as described in the Fluxvalve TITH report. That is to say, the Unipoise-Fluxvalve combination performed excellently, although with some turntables, care should be taken in positioning the arm to avoid hum. The location of the pivot high above the arm was not found to introduce audible wow when playing normally warped records (as it might be expected to), and the arm was eminently free of resonances within the audible range. Generally, the Unipoise arm is an ideal complement for its Fluxvalve cartridge. — J.G.H.

## Wigo Speakers

SPECIFICATIONS (furnished by manufacturer): Model CX-212 – a 12-in. two-way coaxial loudspeaker. Frequency range: 30 to 18,000 cps. Impedance: 16 ohms. Pawer rating: 30 watts program. Cone resonance: 45 cps. Woofar magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$79,50. Model ERD-12 – a 12-in. wide-range loudspeaker. Frequency range: 30 to 15,000 cps. Power rating: 30 watts program. Impedance: 16 ohms. Cone resonance: 45 cps. Magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$59,50. Model WD-12 – a 12-in. woofer. Frequency range: 25 to 6,000 cps. Power rating: 30 watts program. Free-air cone resonance: 37 cps. Magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$59,50. Model WD-12 – a 12-in. woofer. Frequency range: 25 to 6,000 cps. Power rating: 30 watts program. Free-air cone resonance: 37 cps. Magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$59,50. Model WD-12 – a 12-in. Woofer. Frequency range: 25 to 6,000 cps. Power rating: 30 watts program. Free-air cone resonance: 37 cps. Magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$59,50. No. Magnet flux density: 12,500 Gauss. Dimensions: 13 in. diameter by 7 deep. Price: \$59,50. No. N.Y.

WIGO Speakers are manufactured by a West German firm and distributed in the U.S.A. by United Audio Products, New York. The complete WIGO line includes nine speakers, ranging from a budget-priced 8-incher through a 16-inch



The high-frequency range in Wigo's 12-inch coasial speaker is carried by a pair of small cone tweeters.

woofer, three models of cone tweeter, and the 12-inch coaxial speaker that was submitted in this group for testing.

Three speakers were received, and were checked first to determine the suitability of certain types of enclosures. All<sup>1,1</sup> three were found to have relatively low efficiency and low cone resonance. Their over-all characteristics seemed to suggest the use of an infinite baffle, so an S-cubic-foot totallyenclosed cabinet was chosen for the tests.

The CX-212 is a coaxial speaker utilizing a pair of 3-inch cone tweeters, which are mounted side by side in front of the woofer cone. Recommended crossover is at 4,000 cycles, and an appropriate high-pass filter network (which was supplied with our sample speakers) is available at a cost of \$4.75. The woofer receives the full range, so the tweeter is operated simply as a range extender for the woofer. Since there is no



The woofer and wide-range speaker use the same magnet and frame, but bave different cone assemblies.

choke in series with the woofer, there is no loss of amplifier damping factor.

Ear-tested frequency response of the CX-212 indicated essentially linear output down to about 50 cycles, a slight peak at around 45 cycles, and diminishing response below 40 Sound was barely audible at 35 and was negligible at 30. There was no audible doubling at any frequency. A slight, broad dip was detected between 400 and 800 cycles, and then a return to original level from 900 to 10,000 cycles. Response sloped off with increasing rapidity above 10,000.

Installed in a totally enclosed cabinet, the WIGO coaxial performed in excellent fashion on musical material. Highs were smooth and pleasantly silky, middles were a triffe weak, although very clean and free from coloration, and the bass was deep, solid, and well defined. Definition of bass detail and reproduction of instrumental timbres were unusually good. The tweaters and woofer blended excellently, and the over-all sound produced some of that intangible illusion of realism which often seems to bear no relationship to a speaker's measured response or distortion.

This is a fine, musically satisfying reproducer, well suited to those listeners who demand a natural, modest-sounding and modestly priced speaker.

The ERD-12 wide-range speaker seems to be essentially the same as the woofer section of the CX-212. Up to about 8,000 cycles, the ERD-12's on-axis frequency response was closely similar to that of the coaxial. Above 8,000, there was a gradual tapering off of response to about 10,000 cycles, and rapid rolloff above that.

Whereas the CX-212 exhibited excellent high-frequency distribution, the ERD-12 proved to be very highly directional. Best high-frequency response was obtained with the speaker aimed directly at the listening area.

Like the CX-212, the ERD-12 was judged to be a highly musical reproducer. Its sound is on the soft side, although its contribution in the upper middle range prevents it from being muted or fluffy.

The WD-12 woofer is a special low-resonance type, evidently designed for use with any smooth, low-distortion tweeter. Its upper frequency range is acoustically limited to about 4,000 cycles, so it can be used with WIGO's high-pass crossover network and tweeter assembly, although any other high-quality tweeters could be used to advantage if desired. The WD-12's output is well maintained to around 3,000 cycles, and as a result, I found that it blended well with

Continued on page 142



New AM-FM Tuner puts wide band FM, wide range AM within your budget!

Completely new in styling ... in engineering ... in performance ... the H. H. Scott model 300 AM-FM tuner embodies many new engineering features found nowhere else.

- Selectivity is superior to conventionally designed tuners because of the wide-band detector.
- Circuitry is completely drift-free . . . without the need for troublesome AFC.
- Cross-modulation is minimized so strong local stations do not appear at several points on the dial.
- AM section features wide-range circuitry. Reception is so good on fine AM stations you'll think you are listening to FM.



\*Because of the demand for this new H. H. Scott luner it may be temporarily out of slock. Be sure to get your order in soon.

including your new hi fi guide.

Shown below: H. H. Scott's new model 300 AM-FM tunar

now!



Famous musicians like Metropolitan Opera singer Jerome Hines choose H. H. Scott components for their own homes.



Wide-band FM circuitry eliminates cochannel and adjacent channel interference — makes tuning drift-free.



Precision-ray tuning eye makes it simple to tune precisely on both AM and FM.

When you tune the H. H. Scott 300 to a weak FM station next to a strong one, it stays in tune perfectly. Ordinary tuners using AFC rather than Wide-Band, wander from the weak station to the strong, making it impossible to tune to weak stations. Smooth acting slide-rule dial is extra-long giving better band apread, so stations are easy to separate.



The new 300 is a perfect match to H. H. Scott's Best Buy Amplifier . . the famous "99". This 22 watt complete amplifier is only \$09.95. This means that for only \$259.90 you can have a complete H. H. Scott system.

#### 

FM sensitivity 3 microvolts for 20 db of quicting; 2 megacycle wide-band detector; 10 ke sharp-tuned whistle filter; outputs — main, multiplex, tape; tuned RF stage insures high sensitivity and selectivity on both AM and FM; two position AM bandwidth for Normal and High Fidelity programs; size in mabogany accessory case  $15\frac{1}{2}$  w x 5h x  $12\frac{1}{2}$  (d. \$159.95. Choice of handsome accessory cases at 39.95 and \$19.95. Prices slightly higher west of Rockies.

Furniture and Accessories Courtesy Rapids Furniture, Boston.



your completely new catalog HF-12 ADDRESS.

ricanradiohistory.com

CITY......STATE.....

## TESTED IN THE HOME

### Continued from page 140

electrostatic tweeters whose low-end response starts to droop below 1,000 cycles.

The WD-12's measured bass response extended smoothly and powerfully to a little below 40 cycles, remained quite potent to around 35, and tapered off to below 30. Some pressure was detected at 27 cycles, but this was so far below the output at 40 cycles that it was not deemed to be usable response. Throughout its entire range, the WD-12 produced no trace of audible distortion; at 20 cycles it just fluttered noiselessly back and forth.

Despite its excellent bass response, the WD-12 was able to maintain excellent control of its cone, bandling the sharp transients of a kettle drum and the throb of a double bass with equal proficiency. It is a most capable reproducer of lower-range musical material. — J.G.H.

MANUFACTURER'S COMMENT: Since submitting our 12-inch WIGO speakers for testing, we have found the ERD-128 and CX-212B to be coming through with 40-cycle cone resonance.

The high-pass filter network which is described as being available at a cost of \$4.75 is part of the CX-212B package, and is included in the \$79.50 price. Because space limitations in the home may not permit the use of an adequately-dimensioned totally-enclosed baffle, we are making available a moderate-sized distributed port enclosure.

# Garrard Model T Mark II Manual Player

DESCRIPTION (furnished by manufacturer): a four-speed manual record player. Speeds: 16.7, 33.3, 45, 78 rpm. Drive motor: four-pole induction. Turntoble: 9-in. diameter heavy pressed steel. Plckup arm: molded aluminum, with plug-in plastic head shell. Dimensions: (with 12-in. disc on turntable): 1434 in. wide by 121/2 deep by 3 high (above motor board); 21/s in. required below motor board. Prices: \$32.50; with GE RPX-050A cartridge (dual sapphire), \$40.70; with GE RPX-052A cartridge (diamond LP, sapphire Std), \$50.15. DISTRIBUTOR: Garrard Sales Carp., 80 Shore Rd., Port Washington, N. Y.

The major differences between the new Model T Mark II player and its predecessor, the long-popular Model T, are disappearance of the little rubber belts that ran between the drive motor and the speed shift pulleys, and the updating of the pickup arm assembly.

In the Model T Mark II, a stepped drive pulley is attached to the motor shaft, and the rubber-rimmed idler wheel drives directly from this to the inner surface of the turntable rim. The speed selector knob near the rear of the arm (a location which is not as inaccessible as it may look) lifts the idler wheel until it is adjacent to the desired speed step on the drive pulley, and since it withdraws the idler from the pulley in intermediate positions, speed change may be affected while the unit is running without damaging the idler tire.

One position of the selector knob is a neutral setting, in which the turntable is disengaged from the drive system while the motor remains running. If you ever use this setting, don't forget and walk off leaving the motor switched on. Probably won't hurt it, but it's wasteful of electricity.

The motor on-off switch is actuated by the pickup arm. To start the motor, you move the arm toward the right until a click is heard and (if the speed switch isn't set to Neutral) the turntable starts. At the end of the record, a velocity trip mechanism shuts the motor off automatically, or the unit may be stopped at any time by picking up the arm and swinging it toward the center spindle.

Since the Model T has traditionally been one of the least expensive turntables available in the high-fidelity field, it obviously cannot be fairly judged in comparison with costly transcription turntables. It is, however, much to Garrard's credit that the Model T's performance is quite comparable to that of their much more complex and versatile changets.

Its speed regulation is very good; only close, critical listen-

ing betrays a bit of unsteadiness in sustained musical tones. On the other hand, the Model T's driving torque is very high ... higher, in fact, than is typical of some fine transcription tables. There is no detectable tendency for the Model T to



The Model T Mark II, four-speed player.

slow down when the arm is placed on a record, so musical pitches and tempos are maintained throughout an entire recorded side.

The Mark II should not, however, be used with a system whose loudspeaker accentuates the low-to-middle-bass region, for there is (at least in our sample unit) sufficiently high mechanical vibration that it won't bear too much aggravating.

Garrard obviously has no intention of rendering obsolete its professional transcription turntable with the Model T. But for what its purpose is ... as a compact and low-cost manual record player ... the Model T Mark II player is a worthy successor to the original T. — J.G.H.

MANUFACTURER'S COMMENT: You have pointed out, quite correctly, that loudspeakers which accent the low-to-middle-bass region should not be used with the new Model T player. We certainly agree with this, not because of mechanical vibration in the record player, but because such speakers should not be used at all in a high-fidelity system.

All modern record players and changers, regardless of by whom manufactured, are intended to be used with modern speakers, most of which have long since ceased trying to emulate the accentuated bass response of jukeboxes. Happily, the cull that demanded that reproduced music be bigger and better than the real thing is dying out, as listeners and designers soon came to realize that accentuation of bass response led to resonances, distortion, and listening fatigue, besides being simply unmusical.

To repeat, we agree that our unit should not be used with loudspeakers that emphasize bass response. Neither should any other player, nor any good amplifier, nor any good pickup.

## Pilot AA-900 and AA-903B Amplifiers

SPECIFICATIONS (furnished by manufacturer): two amplifiers, each with bullt-in preamplifier-equalizer-control sections. MODEL AA-900 – Inputs: three; two high-level (Tape, Radio), and one for magnetic phono pickup. Outputs: 8 ohms to two output terminals (Speaker A and Speaker B). Switched AC power outlet. Controls: combined selector and equalizer switch for Phono (1P, AES, RIAA, and NARTB), Radio, and Tape inputs; speaker selector switch (A, B, or A-B); treble tone control ( $\pm 18$  db, 20,000 cps); bass tone control ( $\pm 18$  db, 20 cps); combined AC on-off and volume control. Hum balance adjustment on top of chassis. Roted power: 10 watts. Distortion: 1.5% IM (60 and 3,000 cps, 4:1) @ 10 watts; 0.6% @ 5 watts output. Feedback: 21 db. Frequency response:  $\pm 1$  db, 20 to 20,000 cps. Hum level: 70 db below full output. Tubes: 3 - 12AX7, 2 - ELB4, EZB1. Dimensions; 5½ in. high by 13½ wide by 7 deep. Price: \$67.50. MODEL AA-903B- Inputs: five; three high-level (Tape Amp, Aux, Radio), one for tape playback head, one for magnetic phono pickup. Outputs: high-impedance to tape recorder, unaffected by scratch and rumble filters, tone controls, loudness contour switch, or volume control; 4, 8, and 16 ohms to speaker. Two switched AC power outlets. Controls: combined AC on-off and volume control; five-position loudness contour control; treble tone control ( $\pm 18$  db, 20,000 cps); bass tone control ( $\pm 18$  db, 20 cps); combined selector and equalizer switch for Phono

Continued on page 144



# If you can afford perfection this is your system!

The H. H. Scott components shown below were designed with perfection in mind. Frankly, these components are beyond the budget of many.

To meet the requirements we set for these components, our engineering department had to design exceptionally complex circuitry ... demanding utmost care in manufacture ... and requiring exhausting technical tests.

These components contain the most advanced. features in the high fidelity field ... they produce the finest sound this side of the concert hall.

WARNING! If you can't afford these components please do not listen to them. They will spoil you for anything else in hi fi.



including your new hi fi guide.



Famed musicians like planist Alec Templeton select H.H. Scott high fidelity components for their own homes.

121C Equalizer-Preamplifler - The most complete control center ever designed. Continuously variable professional record equalizers; dynamic noise suppressor; separate tape playback preamp; 5 high level inputs; 2 magnetic inputs switched from front panel; hum and noise 85 db below full output, \$169.95

280 80-Watt Power Amplifier - A superb amplifier with ample power reserve for every application. Dynamic power monitor to protect expensive speakers; variable damping control: completely enclosed styling; harmonic distortion less than 0.5%. \$229,95. Muny of these same features are included in H. H. Scott's 240 40-watt power amplifier at \$119.95.

330C AM-FM Stercophonic Tuner - The only quality tuner made for stereo operation. Separate AM and FM sections; FM sensitivity 2 microvolts for 20 db quieting; wide-hand FM circuitry; wide-range AM circuitry; adjustable AM bandwidth; precision tuning meter. \$199.95

710 Stroboscopic Turntable — A revolutionary turntable featuring new design principles. Acoustic filtering system isolates turntable from all room and motor vibrations; rumble 60 db below recording level: separate vernier adjustment of each speed; built-in optical stroboscope; pickup arm motor board part of turntable system. \$139.95

Prices slightly higher west of Rockies. Accessory cases extra.

Other H.H. Scott components from \$99.95

Furniture and Accessories Courtesy Rapids Furniture, Boston.



ricanradiohistory.com

CITY......STATE......

now!

### TESTED IN THE HOME

### Continued from page 142

(1P, AES, RIAA, and NARTB), Tape Head, Radio, Aux, and Tape Amp; scratch filter on-off switch; rumble filter on-off switch. Continuously variable level and impedance controls on rear chassis apron for Phono input. Roted power: 14 watts. Distortion: 1.5% IM (60 and 3,000 cps, 4:1) @ 14 watts output. Feedback: 21 db. Frequency response:  $\pm 1$  db, 20 to 20,000 cps. Hum level: 80 db below full output. Tubas: 3 - 12AX7, 2 - EL84, EZ81, selenium rectifier. Dimensions:  $4\frac{3}{4}$  in. high by 131/4 wide by 9 deep. Price: S79.95. MANU-FACTURER: Pilot Radio Corp., 37-06 Thirty Sixth St., Long Island City 1, N.Y.

Both these amplifiers from Pilot are completely new. The very inexpensive AA-900 is the first to bear that model number, and the AA-903B has practically nothing in common with the very well-known AA-903. Even the tube lineup, which is identical in both new models, is radically different from that of preceding Pilot amplifiers.

The AA-900 represents a determined effort to produce a complete high-fidelity amplifier at the lowest price consistent with adequate control facilities and good quality. As such, gimmicks have been minimized and intelligent economics effected, with what are in my opinion very good results. There are three input circuits: one for a magnetic phono cartridge, with four equalization positions on the selector switch, and two high-level inputs suitable for a radio runer, a crystal or ceramic pickup cartridge, a tape playback amplifier, or the like. This is fewer than the normal number of inputs, but enough for the relatively simple hi-fi systems in which the AA-900 would probably be used.

Individual continuously-variable bass and treble controls, with smooth action and normal operating ranges, are supplied. I found that both gave genuinely flat response in their indicated flat positions — not a universal virtue, by any means. There is no output ahead of the rone and volume controls for tape recording, nor any provision for loudness compensation: both calculated omissions made in the interest of cost reduction, and both expendable (even if convenient) in a simple system. The power amplifier section is rated at 10 watts; actually, this is a bit on the conservative side. Measured distortion was quite acceptably low up to 12 watts, even with low line voltage. It was understandably not so good in this respect as the more expensive Pilot amplifiers. Only one nominal output impedance tap is supplied — 8 ohms, and



Pilot's AA-903B in its matching cabinet.

this is the only economy I question. There are individual connections for two speaker systems, however, and a front-panel switch by means of which either or both may be turned on.

A rated 10 watts seems low in comparison with specifications for most American amplifiers now. Still, it is surprising how close in sound volume a ren-watter will be to a 50-watt unit for equivalent amounts of peak-clipping; the difference, after all, is only 7 db. Most British amplifiers are still rated in the range of 10 warts and, despite implications to the contrary, British watts are the same as American watts. I found that the AA-900 was capable of producing sound of good quality, eminently listenable and pleasant at reasonable volume levels on speakers of average efficiency. Definition at both ends of the range was excellent, and transients were reproduced well except when the amplifier was terminated in a heavy capacitive load; it wouldn't be wise, therefore, to attempt driving a large electrostatic speaker with this amplifier.

Phono equalization was surprisingly accurate on our test model: within 1½ db of the standard curves. Preamplifier gain was more than adequate for high-quality pickup cartridges, and the noise level was very low indeed. In short, the AA-900 is an excellent buy for anyone who must buy hi-fi at the lowest practical cost.

The AA-903B is basically similar in conception and design, except that it has several convenience features and refinements not found in the less expensive model. There are two more input circuits: another high-level input and, as is unusual in a unit of this price, an input for direct connection from a tape playback head, with the necessary preamplification and equalization. On this Tape Head the requisite low-frequency boost is supplied for NARTB equalization.



The AA-900: good quality at low cost.

At the high-frequency end, the standard tape playback curve could be matched by turning up the treble control. All you'd need for playing recorded tapes, therefore, would be a tape deck with a playback head — no playback preamplifier would be necessary.

Other "extras" of the AA-903B are a five-position loudness contour control that works independently of the volume control, to retain sonic balance at low volume; rumble and scratch filters that can be switched in or out by means of front-panel switches; continuously-variable load and level adjustments for the phono input circuit; two switched AC power outlets rather than one; and an output jack ahead of the volume, loudness, and tone controls to feed a tape recorder. A DC power-supply circuit is incorporated to operate three of the tube filaments, thus reducing the noise level even further. This supply is used also for fixed bias on the output stage, which raises the rated amplifier power output to 14 watts. A handsome brass-finished case is furnished with the AA-903B; this serves to conceal the tubes and transformers if it is left uncabineted. Output connections are supplied for 4, 8, and 16-ohm speaker loads. Finally, the AA-903B has a dual volume control with high-frequency compensation, and a pilot light.

Subjectively, I should judge the sound quality of the two amplifiers to be about equal. The same remarks on loading apply as well. A choice, then, would have to be made by deciding whether or not the many extra features of the AA-903B are important enough to the buyer to warrant the higher cost. In either case, I should say that he is getting good value for his money. -R.A.

MANUFACTURER'S COMMENT: The phono equalizer and tone control circuits in the Models AA-903B and AA-900 amplifiers are the same as those used in their predecessor, the A-903, and in our more expensive amplifiers as well.

# 

It has been widely recognized by high fidelity authorities and professional studios that Gray is making the finest tone arm in the field. Contributing importantly to Gray's reputation has been the principle of single pivot Viscous-Damping, introduced by Gray years ago.

Now-after three years of intensive research-Gray has surpassed even its own supreme standards of tone-arm quality . . . with the development of *Dual* Viscous-Damping!

The incorporation of this remarkable new principle into Gray's new Tone Arm guarantees maximum tracking stability, because of sealed viscous-damping on both vertical and horizontal pivots, and complete static balance around the vertical pivot. This sets a new standard of maximum compliance . . . resulting in the most perfect sound reproduction possible, and putting the total realism of the concert stage literally at your fingertips!

New and old records alike benefit from the principle of Dual Viscous-Damping engineered into the new Gray Tone Arm. Its cost is only \$34... its quality cannot be equalled at *any* price. Hear it! See your dealer today, or write us for complete information.

# Compare these features— You'll find there's <u>no</u> comparison!

- Sealed Viscous-Damping on both pivots—vertical and horizontal—for maximum tracking stability
- Takes all record sizes up to 12 inches
- Accommodates all popular types of cartridges
- Counter-balance weight always perfect—permanent adjustment at factory keeps it constant
- Single-hole design for easier mounting on turntables
- Adjustable stylus force from zero to 15 grams eliminates cartridge weights, insures faithful tracking
- Plug-in cartridge slide permits easy removal
   Plus many other outstanding features

THE CARE MANUFACTURING CO., 16 ARBOR ST., HARTFORD, CONN.

DECEMBER 1957

# TESTED IN THE HOME INDEX - 1951-1957

AMPLIFIERS AND KITS Acoustical Quad II Sept. '54: p. 96 Summer 52: p. 92 Apr. 55: p. 89 Altec A-333A Altec A-339A Melodist Nov. 55: p. 96 Altec A-340A Altec 342A (Public Address) May '57: p. 102 Ampex 620 Amplifier-Speaker Feb. '55: p. 102 Audio Exchange Big Brother June '56: p. 100 Beam, see Acoustical Bell 3D Nov. 54: p. 94 Bell 2122C Aug. '54: p. 69 Bell 21998 Bell 2200 Mar.-Apr. '53: p. 85 Bell 2256 Nov. '55: p. 106 Bogen DB-20 Jan.-Feb. '54: p. 93 Apr. '55: p. 92 Aug. '56: p. 82 Nov. '54: p. 89 Bogen DB-110 Bogen DB-130 Bogen DO-30A Brook 10C July-Aug. '53: p. 88 Brook 12A Nov.-Dec. '53: p. 109 Mar. '56: p. 110 Brociner UL-1 Brociner Mark 10 Feb. '55: p. 100 Mar. '56: p. 112 Brociner Mark 12 Brociner Mark 30A Craftsmen, see Radio Craftsmen Dynakit Mark II Kit May '56: p. 112 July '55: p. 71 July '57: p. 80 Electro-Voice A-20C Fisher CA-40 Dec. '56: p. 131 Mar.-Apr. '53: p. 81 Apr. '57: p. 101 Fisher 20-A Fisher 50-A Fisher 55-A Nov. 54: p. 100 Apr. 57: p. 101 Fisher 70-A Fisher 90-A Sept. '54: p. 93 Sept. '56: p. 114 Jan.' 57: p. 115 General Electric A1-300 General Electric A1-320 Gray AM-50 Grommes 55C Dec. '55: p. 122 Grommes 56PG Hallmark Williamson Nov.-Dec. '53: p. 108 Hallmark Williamson Kit Mat. '56: p. 114 Harman-Kardon C-100 Melody Mar. '55: p. 92 Harman-Kardon C-300 Trend Apr. '56: p. 107 Nov. '55: p. 100 Heath W-5M Kit Heath W-6M Kit Oct. '57: p. 164 Interelectronics Coronation 400 Apr. '56: p. 116 Jan. '55: p. 87 Dec. '55: p. 118 Leak TL/10 Lectronics Custom 55 Feb. '57: p. 114 Lectronics Custom 56 Oct. '56: p. 146 Marantz Jan.-Feb. '54: p. 95 July '54: p. 78 Jan.-Feb. '53: p. 85 Martin 352-A McIntosh A-116 McIncosh 50-W2 National Horizon 20 Feb. '55: p. 97 Newcomb Classic 25 Nov. Dec. '52: p. 81 Newcomb Compact Jan. '55: p. 86 Pedersen PCP-20 Tri-Amp Jan. '57: p. 120 Sept. '55: p. 98 Pilot AA-410 Pilot AA-420 Pilot AA-900 Dec. \$7: p. 142 Mar. Apr. '53: p. 83 Dec. '57: p. 142 Pilot AA-901 Pilot AA-903B Pye HF-25 Provost June '56: p. 95 Quad, see Acoustical May '55: p. 95 Mar. '54: p. 94 Nov. '56: p. 138 Radio Craftsmen C-250 Radio Crafesmen C-400 Radio Crafesmen CA-II Rauland-Borg 1811 Jan. 55: p. 90 Rauland-Borg 1826 Oct. '56: p. 112

Regency HF-150 Oct. '54: p. 106 Resco Ultra-Linear Kit Nov.-Dec. '53: p. 110 July '56: p. 82 Rogers Cambridge Sargent-Rayment SR-88 Sept.-Oct. '52: p. 114 Feb. '55: p. 106 Sargent-Rayment 98B Sargent-Rayment SR-200, 300 Dec. '57: p. 136 Apr. '54: p. 8r May-June '53: p. 83 June '55: p. 95 Scott 99-A Scott 210-B Scott 210-C May-June '53: p. 83 Scort 214-A Scott 220-A Scott 240 Aug. '57: p. 86 Oct. '55: p. 150 Feb. '56: p. 120 Scott 265-A Sherwood S-1000 Nov. '57: p. 128 Nov. '56: p. 138 Nov.-Dec. '53: p 101 Sonotone HFA-150 Stereo by Holt Stromberg-Carlson Stromberg-Carlson AR-420 Mar. '55: p. 89 Tech-Master Model 19 Nov. '57: p. 122 May '54: p: 70 Sept-Oct '53: p. 107 10 Aug. '55: p. 71 Sept-Oct '53: p. 105 UTC MLF Kit Waveforms Webster Electric 96-10 White 1010 White 1020

#### ANTENNAS AND ACCESSORIES

Channel King Indoor	Apr. '57: p. 102
Plantenna Indoor	May '55: p. 100
Snyder 5-D Indoor	Aug. '55: p. 74
Vee-D-X Broadband FM	May '54: p. 71
Vee-D-X Rotator	Nov. '55: p. 104
Walsco Window-Thru B	ushing
	<b>]an. '55 : p. 90</b>

ARMS, PICKUP	
Audax KT Kit	July '57: p. 77
Bard Ortho-Sonic V/4	
ESL/BJ Super 90	Oct. '57: p. 153
Fairchild 200	Winter 51: p. 82
	NovDec. '52: p. 83
Fairchild 280	Nov. '54: p. 87
General Electric A1-5	
General Electric Mi-)	
~ · ·	Sept. 54; p. 93
Gray 108	Aug. '56: p. 75
Pickering 190D	Oct. '54: p. 105
Ronette	July '55: p. 73
BOOSTERS, FM	
Electro-Voice	June '54: p. 78
Regency	
ReBency	May-June '53: p. 85
CARTRIDGES	
See Pickups	
CONTROL UNITS	
•	Same Jacob and
Acoustical QC II	Sept. '54: p. 96
Altec A-433A	Summer \$2: p. 92
A 1	Man Land A

Nov. '55: p. 96

Beam, see Acoustical	
Bogen ELer	Nov. '54: p. 89
Bogen PRIOO	Nov. 55: p. 104
Brociner CA-2	SeptOct. 52: p. 111
Brociner Mark 30C	Dec. '55: p. 120
Brook 4	July-Aug. '53: p. 88
Cook Binaural	NovDec. '53: p. 105
Fisher 50-C	MarApr. '53: p. 81
Fisher 80-C	May 56: p. 106
General Electric A1-2	200 Sept. '54: p. 93
Heath WA-P2 Kit	Nov. '55: p. 100
Interelectronics Coro	
	Apr. '56: p. 116
Marantz Audio Cons	olette May 55: p. 98
N N .	" May '56: p. 97
Marcin 352CA	JanFeb. '54: p. 95
McIntosh C-8, C-8P	Apr. '55: p. 90
McIntosh C-104	JanFeb. '53: p. 85
McIntosh C-108	July '54: p. 78
National Horizon 5	Feb. '55: p. 97
Pickering 410	SeptOct. '53: p. 106
Pilot PA-913	Sept. '55: p. 98
Pye HF-25A Proctor	June '56: p. 95
Radio Crafismen C-3	50 Jan. '55: p. 84
Rogers Cambridge	July '56: p. 82
Scott 112-B Dynaura	
Scott 120-A	10 M II 10 II
Scott 121-A	Nov. '54: p. 93
Scott 214-A	May-June '53: p. 83
Waveforms	SeptOct. '53: p. 107
Webster Electric	Aug. '55: p. 71

#### CROSSOVER NETWORKS

General Electric A1-421	Oct. '57: p.	166
University N-2A, N-2B	May '55: p.	102

#### **ELECTRONIC CROSSOVERS**

Colbert Three-Channel Nov. '56: p. 132 General Apparatus Van-Amp

	Dec. '56: p. 138
Heath XO-1 Kit	Feb. '57: p. 110
Scott 214-X-8	JanFeb. 53: p. 83

#### FILTERS AND NOISE SUPPRESSORS

Fisher 50-F Jan.-Feb. '54: p. 94 Scott 111-B Dynaural Msy-June '53: p. 83

HEADPHONES Permoflux

July-Aug. '53: p. 90

HI-FI SYSTEMS		
Altec Lansing	Dec. '56: p. 134	
AMI Mark I	Nov. 57: p. 121	
Boha	Feb. 57: p. 114	
Columbia 360	MecApr. 53: p. 82	
Dictograph	Oct. '56: p. 148	
General Electric Cust		
	Sept. '54: p. 93	
Mitchell 3-DB	Oct. '54: p. 104	
Pilot Ensemble	Mar. '56: p. 108	
Radio Craftsmen CA-	I Mar. 54: p. 94	
Sound Sales Tri-Char	nnel May 56: p. 105	
Stromberg-Carlson	Nov. Dec. '53: p. 101	
Zenith Custom Super-phonic		
-	· · · · ·	

Nov. '54: p. 96

### METERS

### See Test Equipment

MI (	CROP	HONES	
-		_	

American	D-22	NovDec.	'53:	р.	107
American	DR-332	NovDec.			

Continued on page 148

Altec A.440A

are you sure you have the best?







SIDE VIEW

FRONT VIEW

Consider the one forward step by which sound reproduction could be vastly improved: A servo-mechanism that will feed data from speakers to amplifiers and correct distortion even before it begins.

Even the finest conventional sound systems distort  $\dots$  the distortion coming from room acoustics, cabinet resonances, and especially the loudspeakers. All this could be dramatically reduced – actually, could have been reduced years ago – by this one change!

The servo principle has been used for years in automation, where servo-mechanisms check output to keep it correct. Obviously, audio engineers have recognized it, too; some have even incorporated a few of the servo-speaker principles in their own sound systems. Yet the speakers and amplifiers available to you have continued to be offered in their conventional form, year after year. Until Integrand.

Just off the drawing board, the Integrand is the first complete amplifier-speaker system employing servo techniques. Distortion? The Integrand system permits less distortion in the overall sound than a good amplifier alone will produce under laboratory test conditions! Sound reproduction from the Integrand Servo-System is very, very near the ultimate . . . and very, very superior to any conventional system. Both stereo and monaural systems are available.

There are many other remarkable differences in the Integrand which contribute to superior sound reproduction. Integrand does far more than slash previous distortion levels. Among other new features: Original speaker design. Transformerless, direct coupled amplifiers, one to power each of the three matched speakers. Fully transistored amplifiers and crossovers. Full stereo sound. And an unconditional guarantee for 2,000 hours of operation (about five years).

To get the whole story, you'll want to write for complete specifications, test data and a folder reprinting what the experts are saying about this new system. And you'll want to listen to the Integrand, so we'll send you the name of the audio dealer near you. Write to:

BRAND PRODUCTS, INC. Dept. 12, Westbury, New York Marketing organization for Integrand Corporation



### TITH INDEX

#### Continued from page 146

Shure 300	Aug. 54: p. 72
Shure 556S	
Stephens Wireless	Aug. '57: p. 82
MISCELLANY Audubon Bird Call	Des 'sur a ch
CBC Voltage Regulator	Dec. '54: p. 98 Aug. '55: p. 72
Controla-Tone	Oct. '55: p. 139
Switchcraft Solderless Mic	rophone Plugs
	Apr. '57: p. 108
Workman No-Solder Pho	
	Oct. '56: p. 148
MIXERS	
Pisher 50-M	Feb. '55: p. 99
Switchcraft Mini-Mix	July '54: p. 80
PHONOGRAPHS	
See Turntables, Recor Systems	d Changers, Mi-TRE
**	
PHONOGRAPH ACCESSORI	ES & CABINETS
Audax Miero-Balance	Jan. '55: p. 85
Cabinace Record Storage	dins
Concert Cabinerry Turita	Mar. 57: p. 114
Concert Cabineting units	Jan. 57: p. 115
Devil Level	Apr. '57: p. 108
Dual Miero Pianissimo R	ecord Cleaner
· · · · · · · · · · · · · · · · · · ·	Mar. '57: D. 113
ESL Dust Bug	Sept. '57: p. 110 Apt. '57: p. 101
Phono Stylus Timer	Apr. '57: p. 101
Gellar Plastic Equipment	Covers
- · · · · · ·	Mar '57: p. 116
General Science Service S	
Gramercy Needle Brush	Oct. '56: p. 144 May '55: p. 97
Hi-Fi Slumber Switch	Apr '66' p 114
Ingalls Acousti-Pada	Apr. '56: p. 114 Feb. '55: p. 103
Kleen-Disc	Apr. '55: p. 90
Leslie Creations Record R	acks
	Mar. '55: p. 90
Leslie Creations Record R	
Mercury Dis-Charger	Apr. '57: p. ro8 Apr. '54: p. 83
Old Colony Record Filin	e System
	Mar'57: p. 116
Phonomat	Oct. '54: D. 107
Quiet	June '55: p. 100 Apr. '54: p. 81
R&L Record Brush	Apr. '54: p. 81
Ridgeway Phono-Files	Dec. '57: p. 135
Robins Aud-O-File	Jan. '57: p. 116
SELA Stroboscope Scheller Rack 55	Oct. '54: p. 108 Nov. '56: p. 131
Scherr Stylus Force Gauge	Apr. 54: p. 82
Staticmaster Products	Feb. '55: p. to6
29 by	Feb. '55: p. 106 Dec. '55: p. 117
M	June '57: p. 92
Walco Balanced Sound F	
	Apr. '56: p. 114 Feb. '56: p. 120
Walco Replacement Styli Walsco Stati-Clean	May '54: p. 72
Waisto Stati-Citati	May 34. p. /2
PICKUPS	
Audax Hi-Q7	Feb. '55: D. 103
Astatic 55-TJ	Feb. '55: p. 103 Mar. '56: p. 112
Audiogersh MST-1	Feb. '57: p. 113
Audiogersh MST-2 Mirar	via
·	Apr. '56: p. 111
Connoisseur Mark II	Mpr. 30. p. 111
Electro-Sonic	Mac. '57: p. 118
	Mac. '57: p. 118 Jan. '55: p. 88
Fairchild 270, 277, 272	Mac. '57: p. 118 Jan. '55: p. 88 Oct. '55: p. 140
Fairchild 210, 211, 212, 2	Mar. '57: p. 118 Jan. '55: p. 88 Oct. '55: p. 140 213
7	Mar. '57: p. 118 Jan. '55: p. 88 Oct. '55: p. 140 213 Wincer '51: p. 83
Fairchild 215A, 215B, 21	Mar. '57: p. 118 Jan. '55: p. 88 Oct. '55: p. 140 213 Wincer '51: p. 83
Fairchild 215A, 215B, 21	Mar. '57: p. 118 Jan. '55: p. 88 Oct. '55: p. 140 213 Wincer '51: p. 83 5C, 216A

Aug. '55: p. 78 Dec. '55: p. 126 Fairchild 220 Fea-Tooe B&O Fen-Tone B&O Special A+ Nov. '56: p. 136 Nov.-Dec. '53: p. 109 Ferrand General Electric RPX-052 Sept. Oct. '52: p. 108 General Electric RPX-052 Sept. '54: p. 93 Goldring, see Recoron Oct. '57: p. 162 Mar, '56: p. 108 Jan.-Feb. '54: p. 97 May-Jun. '53: p. 90 Grado Leak Pfansciehl System Pickering Dec. '57: p. 138 Pickering 194 Unipoise Aug. '57: p. 84 Feb. '56: p. 114 Pickering 350 Flurvalve Recoron-Goldring 500 July 55: p. 73 Sept 57: p. 114 Feb. 36: p. 116 Ronette Shure Dyneric Shure Music Lover's June '55; p. 98 Summer '52; p. 94 Sobotone 1P Weathers FM Nov. Dec. '52: p. 82 Apr. '57: p. 104 1. A. PREAMPLIFIERS AND EQUALIZERS See also Control Units Brociner A-100 Winter '51: p. 80 Nov.-Dec. '53: p. 109 Brociner A-100PV Fisher PR-6 June '56: p. 96 Dec. '56: p. 136 Jan.-Feb. '54: p. 94 Peb. '55: p. 100 Fisher TR-1 Transistor Fisher 50-PR Fisher 50-PR-C General Electric A1-900 Mar. Apr. '53: p. 86 General Electric AI-901 Aug. '55: p. 76 High Pidelity Service Center Transistor Oct. '57: p. 156 July '56: p. 85 Hilard 57 Transistor Pickering 132-E Oct. '54: p. 97 RADIOS Regency Pocket Radio June '55: p. 102 Telefunken Orchestra Sept. '54: p. 97 Zenith Traos-Oceanic Portable Y-600 June '56: p. 100 RECORD CHANGERS AND MANUAL PLAYERS See also Turntables. Audiogersh XA-100 Jan. '55: p. 83 Aug. '56: p. 78 Jan. '55: p. 83 Audiogersh XM-110 Jun. '56: p. 96 Dec. '54: p. 101 Audiogersh XM-110A Bogen B50-4X June '55: p. 104 Collaro RC-54 May-June '53: p. 87 Collaro 521, 522 Feb. '56: p. 120 Crescent 501 Fen-Tone Perpetuum-Ebner Rex May '56: p. 108 Garrard RC-88, RC-98, RC-121 Sept. '56: p. 111 Dec. '57: p. 142 Garrard I, Mark II Lenco, see Bogen Thorens CB-33 Nov.-Dec. '53: p. 103 Nov. '55: p. 98 Thoreas CBA-83 Nov-Dec. '53: p. 103 Thoreas CD-43 Nov. 55: p. 98 Thorens E-53PA Nov.-Dec. '53: p. 103 **SOLDERING TRONS** Stark Solder-Quik June '54: p. 78 Wall Trig-R-Hear Feb. '55: p. 100 **SPEAKERS** Sept. '56: p. 112 July-Aug. '53: p. 90 Allan Golden Ten Alcec 601-A, 602-A Altec Biflex 408A, 412A, 415A July '56: p. 82

Dec. '54: p. 101 Bakers 300-K Beam, see Stentorian Oct. '54: p. 108 Bozak B-207A Duotone-Philips 9760 Apr. '54: p. 84 Duotone-Philips 9762 .... nN .... Duotone-Philips 9758 ,, n -Duotone-Philips 9750 ,, N . н Duotone-Philips EL7010 June '54: p. 76 Electro-Voice 15TRX Sept. '54: p. 93 General Electric A1-400 General Electric At-403, A1-404 Oct. 57: p. 166 Mar. '56: p. 114 General Electric 850 Goodmans Axiom 100, Midax, Trebax June '57: p. 91 Harrley 215 Apr. '57: p. 106 Janszen Electrostatic Tweeter Nov. '55: p. 95 Jensen H-222, H-520, H-530 Feb. '56: p. 122 Kelly Ribbon Tweeter Apr. '56: p. 112 Jan. '57: p. 118 Norelco 9710M Norelco 9750M .... # " N Norelco 9760M N N \* " Norelco 9762M ,, " " " Norelco 9770M Pampa Electrostatic Tweeter Nov. '56: p. 132 Dec. '55: p. 120 Panasonic Dec. '56: p. 131 RCA 501SI Biaxial Jul. '56: p. 79 Mar. '54: p. 94 RACOD 15-HTX Radio Craftsmen C-20 Mar. '56: p. 116 Stentorian HF-1214 Sept. '57: p. 109 Stentorian HF-1514, T-816 Sep. '57: p. 109 Sept. '55: p. 102 Mar. '56: p. 116 Stentorian 1012-U Stentorian Duplex Sept. '57: p. 109 Stephens 103LX Woofer Sept. '55: p. 97 Stephens 120LX Woofer ,, " Stephens 112FR ,, ..... N ..... " Stephens 152AX H " N Stephens 206AXA 11 N 21 11 Stephens 122AX ,, Stephens P-30 11 N . n \* Stephens 216 Tweeter .... . Stromberg-Carlson Nov.-Dec. '53: p. 101 Stromberg-Carlson RF-460 July '55: p. 74 Nov. Dec. '52: p. 83 Aug. '56: p. 78 Tannov July '55: p. 73 University BLC Outdoor Wharfedale Super 8/CS/AL Sept.-Oct. '53: p. 106 Wigo CX-212, ERD-12, WD-12 Dec. '57: p. 140 SPEAKER ENCLOSURES Angle-Genesee Juniors Dec. '54: p. 97 Aug. '55: p. 76 July '56: p. 83 Argos AD Bonn Sonosphere Apr. '54: p. 83 Cabinart Rebel IV Cabinart Rebel V Dec. '54: p. 106 Electro-Voice Piccolino I & II Oct. '55: p. 142

 Fold-a-Flex
 June '54: p. 75

 Gately Superborn
 July-Aug. '53: p. 89

 General Electric A1-406
 Sept. '54: p. 93

 General Electric A1-406
 Sept. '54: p. 93

 General Electric A1-411
 Mar. '56: p. 114

 Goodmans Axiom 172, 180, 280, 480
 May '56: p. 110

 Hartley Dual Boffle
 Apr. '57: p. 106

 Karlson
 July-Aug. '53: p. 92

 Norelco FRS-11, FRS-111 Jan. '57: p. 118

 Permoflux CH-16
 Mar.-Apr. '53: p. 85

 Stephens Cavalcade
 Sept. '55: p. 97

 University
 Sept.-Oct. '53: p. 107

Continued on page 150

HIGH FIDELITY MAGAZINE
# IN HIGH FIDELITY... **AUDIOPHILE ACCEPTANCE** IS THE ULTIMATE **PROOF OF QUALITY**

During the past ten years, word of mouth has sold more PILOT TUNERS than those of any other make. This is an eloquent testimonial to the reliability of Pilot quality. Today PILOT TUNERS continue to lead the quality field in engineering, performance and distinctive styling.

see and hear these modern pro- high fidelity TUNERS at your hi-fi dealer:



All Pilot tuners feature Beacon tuning for precise station selection. Pilot tuners are also fully shielded and conform to FCC radiation specifications. Attractively housed in enclosures finished in brushed brass and burgundy.

#### Model FA-540 FM-AM BASIC TUNER

Has luned RF stage for high sensitivity perfect quieting even with fringe signals; AFC with disabling switch; 10 KC filter for AM; cathode follower output; phono and auxiliary inputs; flywheel tuning; built-in FM and AM antennas.

\$109.50 Complete

#### Model FA-550

FM-AM TUNER WITH PREAMP-CONTROL Has tuned RF stage and dual cascade limiterdiscriminator FM circuit for maximum sensitivity -perfect quieting even with fringe signals; AFC with disabling switch; 10 KC filter for AM; flywheel tuning; built-in FM and AM antennas. Features preamp-audio control with five input channels, hum-free DC an tube heaters; tape head and phono inputs with separate equalization; bass and treble controls; separate cathode follower outputs for tape recorder and power amplifier. \$159.50 Complete

#### Model FM-530 FM BASIC TUNER

Has tuned RF stage for high sensitivity perfect quieting even with fringe signals; AFC with disabling switch; cathode follower output; phono and auxiliary inputs; flywheel tuning; built-in antenna.

\$89.50 Complete

Prices slightly higher west of Rockies.

For complete details on Pilot Tuners and Amplifiers, write to Dept. BG-10



RADIO CORPORATION 37-06 36th Street, Long Island City 1, N.Y.

#### TITH INDEX

#### Continued from page 148

#### SPEAKER SYSTEMS

Acoustic Research AR-1 Oct. 55: p. 139 Acoustic Research AR-2 Oct. '57: p. 156 May '55: p. 100 Altec 820-C Altec Melodist 700-A Apr. '55: p. 89 Altec 700B, 824A, 826A Dec. '56: p. 134 American Elite Clock Speaker Sept. '56: p. 114 Feb. '55: p. 102 Ampex 620 May-June '53: p. 90 Sept. '54: p. 93 Brociner 4 Brociner Transcendent May '57: p. 101 Sept. '56: p. 109 Cabinart Ortho 315 Ed-Kay Electro-Voice Aristocrat IA and III Nov. '55: p. 100 Electro-Voice Georgian Nov. '54: p. 91 Electro-Voice Patrician IV Feb. '56: p. 112 Electro-Voice Skylark Oct. '55: p. 142 Frazier-May 8-50, Twin Seventy Apr. '55: p. 92 May '56: p. 110 Dec. '56: p. 132 Jan-Feb. '54: p. 97 Nov. '55: p. 98 Heath SS-r Kit Heath SS-1B Kit Jensen Duette Jensen Imperial Jensen TV Duette Peb. '56: p. 116 Jim Lansing 34 Sept. '54: p. 97 Oct. '54: p. 104 Jim Lansing Hartsfield - May-June '53: p. 85 Kelton Lang 15W June '55: p. 100 Sept. 54: p. 98 Dec. 55: p. 122 LEE Catenoid ۰. Pamphonic Permoflux Diminuette -Aug. '54: p. 70 R-J Wharfedale Feb. '55: p. 99 Radio Craftsmen Xophonic July '57: p. 78 Rogers Symphony Corver Horn Mar. '57: p. 122 Feb. '56: p. 111 Sherwood Forester Sightmaster X-100 Oct. 55: p. 150 Sound Sales Phase Inverter July '56: p. 85 Sound Sales Tri-Channel System May '56: p. 105 July '55: p. 71 Stan White Le Sabre Oct. '57: p. 156 Stephens E-3 University Companion Oct. '54: p. 103 University Corner Enclosure Sept.-Oct. '53: p. 107 University Tiny-Mite, Senior, Master June '56: p. 98 Nov. '57: p. 130 Weathers Barrington TAPE ACCESSORIES See also Tost Equipment ACA Bulk Tape Ersser May-June '53: p. 96 Feb. '55: p. 104 Ampro Hi-Z Adaptor Audio Devices Head Demagnetizer May-June '53: p. 86 Mar. '57: p. 114 **Bib Splicer** 

Cousino Splicer	Oct. '54: p. 108
EdiTall Jr. Splicer	Aug. '55: p. 74
Ferrograph Degausser	May '57: p. 101
Flaban Tape Threader	
Gibson Girl Splicer	Jan. '55: p. 87
Gibson Girl Semi-Pro	
	Dec. '56: p. 132
Robins Jockey Cloth	Sept. '57: p. 118

#### TAPE RECORDERS AND PLAYERS

ACA Magnemite	Sept '57: p. 116
Ampex 400	SeptOct. '53: p. 103
Атрех 600	Aug. 54: p. 71
Amper 612	Mar. '56: p. 107
Ampro 756	May '54: p. 68
Bell RT-75	Oct. '55: p. 140
Berlaot BR-1	Nov. '54: p. 87
Berlant BRX	Oct. '57: p. 158
Berlant Concertone	20/20 Mar. '55: p. 91

Sept. '55: p. 102 Crestwood 404 Apr. '55: p. 91 Nov. '57: p. 124 Oct. '54: p. 107 Sept.-Oct. '52: p. 96 Ekorape 212 Ferrograph Magnecord M-80 MagneCordette Mohawk Midgenape Aug. '55: p. 78 Pentron Emperor HF-400 Feb. '56: p. 114 May-June '53: p. 88 Pentron 9T-3C Pentron 9T-3M Tape Deck Nov. '54: p. 95 Pentron HFP-1 Preamp Pentron Pacemaker and Clipper Aug. '56: p. 76 Jan.-Feb. '53: p. 84 Revere T-10 Feb. 53: p. 84 Feb. 57: p. 107 July '54: p. 80 Nov. '54: p. 91 Oct. '56: p. 143 June '55: p. 96 Sept '54: p. 98 Revere T-11 Telectro Travis Tapak Viking 75, PB-60, RP-61 V-M 700 Wilcox-Gay 4A10 Wilcox-Gay 4F10 Aug. '55: p. 72 TEST EQUIPMENT **Components Records** June '57: p. 94 Dubbings D-101 Record Jan.-Feb. '54: p. 98 Dubbings D-110 and D-111 Tapes Dec. '54: p. 104 Dubbings D-500 Level Indicator Jan.-Feb. '54: p. 98 Heath AV-2 AC Voltmeter Kit Mar.-Apr. '53: p. 87 Heath V-6 VTVM Kit Toogood Tape Nov.-Dec. '53: p. 106 TUNERS, FM AND/OR AM Alter 306A (FM/AM) June '57: p. 91 Altec 303C (FM/AM) Summer '52: p. 92 """" Nov. '54: p. 92 Approved V-12 (FM/AM) Mar. '54: p. 89 Nov. '55: p. 106 Aug. '56: p. 82 Bell 2255 (FM/AM) Bogen FM-50 (FM) Bogen R-604 (FM/AM) Jan.-Feb. '54: p. 93 ) Aug. '56: p. 82 ) Nov. '54: p. 89 Bogen R-660 (FM/AM) Bogen R-750 (FM/AM) Oct. '55: p. 142 Bogen R-765 (FM/AM) Browning L-300 (FM) June '55: p. 98 Browning L-500-SW (AM/SW) Feb. '56: p. 111 Browning RV-31 (FM) May-June 53: p. 86 Browning RJ-42 (FM/AM) Collins Kit (FM/AM) Jan.-Feb. '53: p. 8t Fisher AM-80 (AM) Sept. '56: p. 109 Fisher FM-40 (FM) Nov. '56: p. 136 May '54: p. 69 Fisher FM-80 (FM) Dec. '54: p. 105 Sept. '57: p. 112 Fisher FM-90X (FM) Fisher 30-R (FM/AM) Sept. Oct. '53: p. 104 Fisher 70-RT (FM/AM) Nov. '54: p. 100 Fisher 80-R (FM/AM) Fisher 80-T (FM/AM) June '56: p. 98 July '56: p. 79 Harman-Kardon A-200 (FM/AM) Mar. '55: D. 02 Harman-Kardon A-300 Theme (FM/AM) Mar. '55: p. 92 Harman-Kardon A-400 Counterpoint (FM) Apr. '56: p. 107 Harman-Kardon D-1000 Festival Mar. '55: p. 92 (FM/AM) July '57: p. 77 Heath FM-3A Kit (FM) Miller 595 Germanium Diode (AM) Apr. '56: p. 112 Pentron AFM (AM) Nov. '54: p. 95 Pilot AF-724 (FM/AM) Sept. 55: p. 98

Berlant Concertone 1501 & 1502

Crestwood 303

Crestwood 401, 402

Nov.-Dec. '53: p. 107 Sept. '54: p. 95 Mar. '54: p. 89 Pilot AF-824 (FM/AM) Mar. Apr. '53: p. 83 Pilot AF-824 (FM/AM) Jan.-Feb. '54: p. 96 Sept. '55: p. 98 Pilot AF-825 (FM/AM) Pilot AF-850 (FM/AM) Pilot AF-860 (FM/AM) ... N н Radio Craftsmen C10 (FM/AM) Mar. '54: p. 94 Radio Craftsmen C900 (FM) June '54: p. 77 Radio Craftsmen C1000 (FM/AM) Feb. '55: p. 104 Radio Craftsmen CT-3 Companion (FM/AM) Sept. '56: p. 111 Radio Shack Realist (FM) Apr. '55: p. 90 Rauland-Borg Golden Gate (FM/AM) Aug. '55: p. 74 Sargent-Rayment SR-51 (FM/AM) Sept.-Oct. '52: p. 114 Sargent-Rayment SR-100 (FM/AM) Dec. '57: p. 136 Sargent-Rayment SR-808 (FM/AM) Feb. '55: p. 106 July '55: p. 72 Feb. '56: p. 118 Scott 310-A (FM) Scott 311-A (FM) Sherwood S-2000 (FM/AM) Mar. '57: p. 113 Stromberg-Carlson (FM/AM) Nov.-Dec. '53: p. 101 TUNER-AMPLIFIER COMBINATIONS Sept. '57: p. 112 Fisher 500 (FM/AM) Harman-Kardon D-1100 Festival (FM/AM) Apr. '56: p. 107 Harman-Kardon D-200 Recital (FM/AM) Apr. '56: p. 107 Sargent-Rayment SR 300 (FM/AM) Dec. '57: p. 136 Stromberg-Carlson SR-504 (FM/AM) Aug. '54: p. 71 TUNER, AUTOMOBILE Hastings (FM) Mar. '55: p. 90 TUNERS, BINAURAL Browning RJ-48 (FM/AM) Mar. '54: p. 92 National Criterion (FM/AM) Feb. '55: p. 97 Scott 330 (FM/AM) Oct. '56: p. 146 TUNERS, TV Fleerwood May '54: p. 69 Oct. '55: p. 145 Nov.-Dec. '53: p. 101 May '57: p. 99 Stromberg-Carlson Tapetone Mus-et Tapetone TV Tone Aug. '57: p. 81 TURNTABLES See also Record Changers Components Duo-Speed May '57: p. 99 **Components** Professional Jan.-Feb. '54: p. 98 Components Professional Junior Dec. '56: D. 138

Connoisseur	Feb. 57: p. 113
D&R 12A	Jan. '55: p. 86
Pairchild 411	Sept. '56: p. 112
Garrard 301	Oct. 55: p. 146
Gray HF	Aug. 56: p. 75
Merzner Starlight 60	
Rek-O-Kut Rondine,	B-12, B-12H, L-34
	May '55: p. 96
Scott 710-A	Dec. '55: p. 117





#### Speakers and Surface Noise

#### SIR:

Just what is the relationship between a loudspeaker's smoothness of response and its reproduction of record surface noise?

I have noticed in several of your "Tested in the Home" reports statements to the effect that a certain loudspeaker "tends to exaggerate" or "minimizes" record surface blemishes and the raggedness from worn records. It seems to me that any loudspeaker having good transient response and very wide range would reproduce all of the flaws in a program along with the music, and that any loudspeaker that "minimizes" these flaws must be doing so because of its inability to respond to sonic detail or to the extreme upper range. After all, what is on the record is on the record, and the most that any speaker could hope to do is reproduce everything that is there. If it does not do this, then it is obviously sacrificing something that was present in the original, which represents a loss of fidelity no matter how you look at it.

It is true, of course, that some recordings are so badly distorted that they fare better on a limited-range system than on a truly wide-range one, but this does not seem to me to be any excuse for praising a loudspeaker which makes them sound better. Bad records simply shouldn't be played on wide-range equipment, any more than good records should be wasted on poor equipment.

Who are you trying to kid anyway? Milton Garret

Tucson, Ariz.

It is unfortunate that bigh fidelity, during its early years, developed a reputation for being unacceptable to any ears but those which were "trained" to tolerate high surface noise as the inevitable price of wide-frequency range, because this fallacy is largely responsible for the scorn with which many musicians regard "hi-fi" music reproduction. In fact, this belief still persists to the extent that some persons are firmly convinced that the louder the surface noise, the better the bigh-frequency response.

The error in this is obvious when we consider what happens to the sound from any cheap table-model phonograph when its treble control (if it has one) is turned up to full boost. Its reproduction of surface noises can thus be enhanced to the point where they will compete with the quieter musical passages, but this will not have succeeded in extending its high-frequency response to much beyond its normal limit. And it will certainly not be any "higherfidelity" than it was in the first place, even though the treble boost may have extended the upper response limit of its speaker from 8,000 to 8,500 cycles.

The whole point is that, whereas a loudspeaker that extends smoothly to beyond the upper limit of hearing will reproduce surface noise as it appears on the record, a speaker with the same upper range but with a few high-frequency response peaks will give undue cmphasis to blemishes, making them sound more serious than they actually are.

When a pickup rides over a scratch on a disc, or when its stylus rattles around in a worn or otherwise deformed record groove, it produces a noise signal. This consists of energy that is evenly distributed throughout most of the audible range. However, if the pickup or the londspeaker has a rising high-fre-

#### Audio Forum Queries

Letters intended for publication in this department should be addressed to "Audio Forum," HIGH FIDELITY, Great Barrington, Mass., and should preferably be typewritten and double-spaced. Keep queries as short as possible; they will all be answered, but only those of general interest will be considered for publication in "Audio Forum."

quency response or a bigb-frequency peak, the intensity of the noise impulse will be increased and (if there is a peak involved) will assume a definite audible pitch.

The presence of such a peak can be easily detected by comparing the apparent pisch of surface blemishes with that of reproduced high-frequency "noise" instruments such as wire brushes, lightly touched cymbals, or the tambourine. If these instruments seem to have the same pitch as small record blemishes, then both are being affected by a response peak in the pickup or loudspeaker.

Reproducing equipment which is inberently smooth will maintain the broad, even energy distribution of surface noises, spreading them uniformly throughout the upper frequency range, and will reveal slight differences in the apparent pitch of each click and pop. Similarly, the ragged noise from a badly worn record will spread itself throughout the upper range and will sound like a veil of indistinctness rather than a rancous tearing sound. If a smooth system happens to have restricted highfrequency range, it will mute the sound of these blemishes, but it will not seem to reduce their volume significantly until its upper range is limited to below 9,000 cycles.

There is also evidence to suggest that amplifier distortion, particularly that originating in the earliest stages, will aggravate the annoyance value of surface noise, although there is evidently not as yet any formulated theory to explain why this should be so.

High record surface noise is not necessarily a sign of wide reproducing range, any more than low surface noise is a sign of limited range. On the other hand, markedly restricted range will reduce surface noise, but very wide range will not necessarily increase it.

#### Electrical Rumble

#### SIR:

I have been getting a very low-frequency rumbling noise from my system, but it seems to be electrical in nature rather than simply a case of turntable rumble.

The noise is audible only on the Phono setting of my Heathkit WA-P2 preamplifier, but is audible even when the turntable is not running. The sound is at a very low frequency, and when I crank the volume up I can rattle windows with it. It is not a steady rumble, but exhibits random variations, and to make matters worse it is intermittent. On some days it is barely audible, on others it is very severe. The noise sounds very much like sputtering, but was not affected by changing tubes.

If I have not described the noise sufficiently clearly, I could make a tape recording of it to send to you.

Any idea what it might be?

Tim Teyler Portland, Ore.

It will not be necessary for you to send a tape recording of the rumbling noise in your system, although that is certainly an ingenious suggestion.

You have already established that the noise is coming from your phono preamplifier stage, so you can ignore the other stages when you go to hunt for the trouble. Since the noise is mainly limited

Continued on next page

YOU HEAR YOUR RECORDS NOT YOUR TURNTABLE

... when you have a essidua **Duo-Speed** that means

less flutter less rumble less wow

and . . .

lower price!

(1)

\$4950

With belt drive, rust-free shaft, 2-speed control, pop-up 45 RPM center and new, improved shielded motor. Deluxe handrubbed walnut base at slight extra cost. See the amazingly different Duo-Speed soon!

Write for name of dealer nearest you:



#### AUDIO FORUM

Continued from preceding page.

to the low-frequency range, it is likely to be originating either in some part of the circuit that is subject to a large amount of treble attenuation, or at a point prior to the bass equilizer stage. Check for noisy resistors, leaky capacitors, and dry-soldered connections

#### Phono Tracing Distortion

#### SIR:

Perhaps you can advise me about a phono tracking problem.

I own a Rek-O-Kut B-12 turntable mounted in a cabinet with a Rek-O-Kut 160 arm and a Pickering Fluxvalve cartridge. The resulting sound is most satisfactory at low levels, but there appears to be some distortion at high levels. This is most noticeable on recordings of the female voice, when high loud notes make the sound break up into painful noise. I believe poor tracking is the cause, as there is no hint of trouble on FM programs, and no trouble on records either if the stylus force is increased sufficiently.

At a force of 2 to 3 grams the distortion is bad, at 3 to 4 grams it is still annoying, and at 5 to 6 grams there is no sign of it. The needle is kept free of lint, the records are clean, everything is level.

I have tried varying the amount of stylus overhang from half an inch to an inch, and I have tried mounting the arm base on foam rubber, but nothing has helped. My new Janszen electrostatic tweeter reveals this distortion even more than my old tweeter.

What can I do?

Joseph P. Marinan New Haven, Conn.

Your excessive groove breakup from records is more than likely the result of excessive distortion in your preamplifier or power amplifier. These should be checked at the factory or at a qualified andio service agency.

Secondly, it is possible that your power amplifier tends to ring or oscillate when loaded by the Janszen tweeter. Have the amplifier's high-frequency stability checked.

Finally, try inserting a 6-ohm 10wats variable resistor in series with one of the leads going to your tweeter, and set this initially to about 3 ohms. Then make any further adjustments that may be necessary to compensate for the Janszen's rising axial high-frequency response. Room aconstics will usually supply this compensation, but when they do not, electrical correction is needed.



- teresis synchronous capstan drive with outside rotor. 3 Motors, Direct Drive-no gears or helts to wear 3 Soparate Heads for Recording, Playback and Erase. Response: 40-15,000 cps + 1, -2 db at 71/2 ips. Signal-to-Noise Ratio: 50 db or more at normal re-cording levels. Saparate Recording-Playback Amplifiers permit si-multaneous recording and amplifiers

0000

- Saparate Recording-Hayback Amplifiers permit si-multaneous recording and monitoring. Simplified all-push-button control. 3 inputs: Micronhone, Radio-Phono, Auxillary. High Fidelity 8" coaxial speaker. Damped Eye levol indicators. Automatic footage counter, Automatic and-ol-tage shutoff switch. Outlet for connection to external speaker or hi-fi system. Controls for mixing radio & microphone Usas extra-long-play 10" (2400 ft.) reels. 90 Second Rewind for 2400 ft. tape.

S399 Half Track 399 Het Dimensions: 181/6 x 11-1/16 x 133/6" over-all in carrying case. Weight: 461bs. with case.

2400 ft. of Tape on REVOX REELS only \$6.54



'Brentwood''

#### AM-FM TUNER

A perfect companion to the Revox tape recorder de-scribed above, and ready to plug right into the fecorder for a complete AM-FM Tuner-Tape unit. The SR-100 is a true high fidelity instrument with every luxury teature including Ferrite loostick antenna, Cathode Follower outbut for remote location, Automatic Frequency Control, Sensitivity 3 uv. for 20 db quieting on FM. A0 uv. on AM. Bandwith 200 KC for 6 db down on FM. AM sharp 9.5 KC overall on 6 db down, AM broad 15 KC overall 6 db down. Shipping wt. 13 lbs. Bimensions: 15" W x 41/2" D. Only \$13995

Prices F. O. B. New York City. Write for our attractive prices on other Hi-Fi components of your choice at h-i-g sovings!



#### MEN WHO SHAPE

#### Continued from page 46

with a smile. Like other a & r men Oppenheim spends most of his free time listening to music, went through a recent cleven-week stretch without spending one evening at home. Tall, thirty-six, Oppenheim is still in demand for clarinet work. Several composers in the American Composers Series requested Oppenheim for the solo parts in their works for clarinet. He feels that the most subtle and at the same time most influential touch of the a & r man is in areas where sound is concerned. "We always search for something better - better bass, better definition, more opulence. Sometimes the composer's intention can be clarified through the recording method." He is sometimes uncomfortably aware that it is his ear determining the kind of sound the musical public will hear.

He is also aware that he is the audience when a work is being recorded. "I am required to be an active audience; the performer must be given the stimulus to play well." One of his responsibilities involves adapting the atmosphere for recording to the personality of the artist. Some, he freely admits, need a lot of coddling. Some conductors fuss and fret endlessly, with time, and thus money, being consumed sometimes to too little purpose. Oppenheim knows that the 110 men of a symphony orchestra are being paid at the average rate of twenty dollars an hour for a forty-minute hour. During those forty-minute hours superlative music must be produced, a situation that occasionally leads to strain and tension. And, when it comes to the Budapest Quartet, for instance, a properly informal, gemütlich atmosphere must obtain. Even so, the studio for Oppenheim is sometimes a lonely place. "A clinker," he said, "can be there for a long, long time."

IF Victor and Columbia are the major majors of the record companies, Westminster, as someone has said, is the major minor. Thirty LPs a month flow from this once small company (capitalized for \$23,000) and supervising the flow is Kurt List, whose coworkers always prefix the title "Doctor" to his name, who flaunts a small, pointed beard that gives him a Mephistophelian cast, and who was once described by an enthusiastic writer for Esquire as "conceivably the handsomest man in New York." Dr. List (to adopt the Westminsterian form of address) thereupon discovered that Esquire readers number many women among them. He was overwhelmed with fan mail. Dr. List began his career in Vienna as a musicologist; he once studied under Alban Berg, still composes and orchestrates, more or less on the side.

He came to New York by way of London (where he taught twelve-tone music) after World War II, and joined Westminster as a consultant in 1951, just in time for the twin booms of LP and high fidelity, on which Westminster has ridden high ever since.

While Dr. List is in charge of musical matters, a good many decisions are made in committee, which includes the three officers of the company, James Grayson, Michael Naida, and Henry Gage. "Grayson," said Dr. List, "has an almost uncaony nose for new talent." It was he who brought to the label such artists as Badura-Skoda, Scherchen, and Valenti. Sound, as well as music, is the business of Dr. List. An associate said about him, admiringly, "Dr. List handles machines like an engineer." He modestly admits to some physics courses taken in Vienna, and says, sternly, "Engineers are people required to design and maintain machines, but at Westminster they do not balance or determine what kind of sound shall be on records." Thus, he states, the Westminster sound is exclusively determined by musicians. Often it is exclusively determined by Dr. List, who loves nothing better than to fuss over controls and tinker with mike placement.

"The problem is this," he said, "how does one focus one hundred sources of



sound into one source, and from that source re-create the one hundred? What does one do when one of two voices sounding at the same time tends to obliterate the other?" Dr. List answered his own questions. "It takes a primarily musical skill, although one works with electronic equipment. Can the engineer determine how loud a flute must be in relation to the cello? The man in the control room is a secondary conductor of the music."

Remorselessly, then, Dr. List will announce from the control room: "Not enough clarinet." "There's enough clarinet out here," reports the conductor. "But I'm not getting it," says the stubborn Dr. List. And so he gets it, more clarinet in the control room, more clarinet on the record, and in exactly the

Continued on next page



## START WITH THE SYSTEM YOU'LL KEEP



YOU MAY HAVE DISCOV-ERED that a speaker of fairly high quality often sounds as good, at first hearing, as a fine one — sometimes even better. But as you gain listening experience, you find yourself becoming more critical — more appreciative of the finest. The "hi-fi" effects which seem at first so striking soon appear as what they really are — distortion and exaggeration.

That's why we suggest that, at the beginning of your venture into the field of high fidelity, you secure a speaker system capable of reproducing original sound rather than one which creates spectacular sounds of its own.

Once you have had the opportunity to listen critically to a KLIPSCH speaker system and — most important — to make direct comparison of its reproduction with the original music, you will never be satisfied with anything less. So, why not buy for keeps with a KLIPSCHORN or SHORTHORN system?

KLIPSCHORN systems from \$475 to \$803. SHORTHORN systems \$194 to \$432.



but which follows the inters but interests the tone-control stages; inputs for tape recorder, tuner, TV, and an auxiliary; AC sockets for four other pieces of equipment; the Compentrol type of loudness control with a separate level control; the excellent tone-control action of the Baxendall circuit; a hum adjustment; and low-impedance main output. All in all, here is an example of a high level of engineering skill, which has managed to achieve fine performance with simple means and low cost."

Joseph Marshall - AUDIOCRAFT, April, 1957



by AUDIOCRAFT. "As far down and as far up as we are equipped to measure, the frequency-response specifications were met easily. Square-wave response was nearly perfect with any kind of load: resistive, inductive, or capacitive. The only way we could make the amplifier show noticeable high-frequency ringing was to operate it with NO load at all. Lowfrequency stability was excellent also... Listening tests confirmed the fine instrument test results without question. Our HF-60 produced firm, well-defined bass and clear, sweet treble on the finest speaker systems available. It clipped momentary overloads very well and recovered quickly, and this gave listeners the impression of tremendous reserve power. In our opinion, it is one of the best-performing amplifiers extant; it is obviously an excellent buy."

AUDIOCRAFT Kit Report, July, 1957. Also Available:

HESO 50-WATT Ultra-Linear Power Amplifier with extremely high quality Chicago Slandord Output Transformer, tdonical in every other respect to HE60 and same specifications up to 50 watts.

KIT \$57.95 WIRED \$87.95 HF52 Integrated 50 WATT Ultra-Linear Amplifier and Preamplifier-Control Section on one chossis. All preamp features of HFAT less scratch and rumble filters. Power amplifier section essentially identical to HF50.

KIT \$69.95 WIRED \$109.95

Prices 5% higher an West Coast IN STOCK at your neighborhood distributor Write for Iree Catalog H-12



#### MEN WHO SHAPE

Continued from preceding page

right proportion, he hopes, for the music being played.

Dr. List writes scholarly pamphlets on high fidelity for his company, and has developed an almost philosophical approach to recording problems. "It is necessary," he said, "to realize that a microphone is not an ear." (A pause, as though to wait for the clamor set up by all those who think of a microphone as an ear.) He cited the case of the Von Suppé overtures, recorded by Sir Adrian Boult. "We played it first with the proper concert hall balance. It came out muddy, terrible, no life. Then we reversed the balance - kept the bass low, made the strings very loud. Boult held his ears, said it was awful. But in the control room it was brilliant, exactly right. You see what a bad ear the microphone is? You must constantly fool it."

Dr. List, however, decries the exaggerating of the importance of sound, calls it sensation for sensation's sake. "We are guilty too. In our own recording of Honegger's Pacific 231 we had blasts of sound instead of the rhythmic momentum so important to the piece. We would do it differently today." While Westminister, too, has joined the parade towards standard repertoire, it also has concentrated on the building of as complete a library of chamber music as now exists on any one label. Some of these projects are so noncommercial as to make the company look like a philanthropic institution. One has Fernando Valenti doing the complete Scarlatti sonatas for harpsichord --- all 550 --- on a total of twentytwo LPs: Dr. List doubts that more than fifty of the earth's population will collect the entire set. "But we like to think of ourselves as a kind of Cartier company, of having things in our catalogue you can get nowhere else.

"And who knows? The recording companies are an active force, perhaps the leading force, in the contemporary world of music. By our recording Scarlatti complete — this in itself is making a judgment on the importance of the work."

EDWARD COLE, who is in charge of the classical division for M-G-M Records, a company that has been notably successful in the popular field, is a man who obviously believes in meeting his cultural responsibilities head on. For the approach of M-G-M toward serious music appears to be downright esoteric, surprisingly so in view of the fact that it is the recording subsidiary of a motion picture company. Cole, except for tints of gray in his hair, looks more boyish than his thirty-one years. He grew up in the record business, working in the family record shop from the age of



a major break-through in speaker system development



a new combined horn and directradiator system having uncolored transient response, superb damping, and non-directional sound distribution. Includes built-in LC dividing network and balance control.

Frequency Responses essentially flat 45-20,000 cps; useful response 30-40,000 cps.

Rated Impedance: 16 ohms.

Efficiency: can be driven satisfactorily from good amplifiers having a power output as low as 10 watts.

Rated Power Handling: 30 watts Integrated program material.

Dimensions: 36" high, 151/4" wide, 111/2" deep, Weight 45 lbs.

Finishes: hand-rubbed mahogany, walnut, or blonde. Price: \$139.95 not

If you appreciate the difference between artificial "hi-fi" and truly natural sound, listen to the EICO New Standard Speaker System at your local distributor. For complete data, write for free Bulletin HX-12.



a high quality system at low cost from <b>EICO</b>		
0	NEW! FM TUNER HFT90	
KIT, less cover	\$39.95*	
WIRED, Jess cover Cover *exclsc tax incl.	\$65,95* \$ 3.95	

**Cover \$ 3,95** "excise tax ind." Wewly-designed, extremely sensitive, low-noise metered", surcatigned, ready to use, Excise tax ind." Wewly-designed, extremely sensitive, low-noise metered another than the sensitive of the pletely pre-wired, pre-aligned, ready to use, Exployed the sensitive of the sensitive pression and advanced circuitry to completely clininate need for AFC. Drift less than 2 pressed for below FCC standards. Also fea-tures new DM-70 traveling tuning eye. Sensi-tivity, unapproached among FM tuner kits, of 1.5 uv for 20 db quieting." Input 300 ohms, If bandwidth 260 kc, detector peak separation of 600 kc. Free, resp. 20-20,000 eps ±1 db. Audio output 1 V for 10 uv input with 75 kc deviation. Hum 60 db below 1 V. Cathode fol-lower and multiplex outputs. Flywheet slide-rule tuning, AGC, stabilized low limiting thresh-abuter and heavy filtering, very low distor-tion. Uses 1-ECC85/6AQ8, 3-6AU6, 1-6AL5, 1-6C4, 1-DM70, 1-6X4. Flexible "low silhou-ette" design adaptable to any panel thickness for console installation: optional cabinet. HWD: 3%" x 12" x 8". "Typical unit, mensured with Marconi TF 55A/2 FM-AM signal generator."



KIT \$344.95 Wired \$57.93 Compact, beautifully packaged and styled. Provides complete "front-end" facilities and true high fidelity performance. Direct tape head and magnetic phono inputs with NARTH (tape) and RIAA (phono) feedback equaliza-tions. 6-tube circuit, dual triode for variable turnover hass and treble feedback-type tone controls. Output Power: 12 w cont., 25 w pk. IM Dist. (600 c 6000 cps @ 4:1): 1.3% @ 12 w; 0.55% @ 6 w; 0.3% @ 4 w. Freq. Resp.: 1 w:  $\pm 0.5$  db 12 cps-75 kc; 12 w:  $\pm 0.5$  db 25 cps - 20 kc. Harmonic Dist: 20 cps: 2% @ 4.5 w; ½% @ 2.5 w; 30 cps: 2% @ 11 w; ½% @ 6 w; 40 cps: 1% @ 12 w; ½% @ 9 w; 2000 cps: ½% @ 12 w: 10 kc: 1% @ 10 w; ½% @ 4 w. Transient Resp: excellent square wave reproduction (4 usec rise-time): negligible ringing, rapid settling on 10 kc square wave. Inverse Feedback: 20 db Stability Margin: 12 db. Damping Factor: above 7, 20 cps - 15 kc. Sensitivity (input for 12 W): Mag. Phono. -9 my: Tape Head - 6 my: Tuner, Aux - 0.5 w. Hum & Noise Level (below 12 W): Mag. Phono - \*60 db; Tape Head - \*55 db; Tuner, Aux - 75 db. Speaker Connections: 4, 8, 16 ohns. Tone Control Range: @ 10 kc.  $\pm 13$  db; @ 50 cps.  $\pm 16$  db. Tubes: 2-ECC83/12AX7, 1-ECC82/12AU7, 2-EL84, 1-EZ81. Mounts in or out of cabinet. Size: HWD: 3% x 12" x 8"includes effect of compensation.

\*includes effect of compensation

TWO-WAY SPEAKER SYSTEM HFSI \$39.95 complete with FACTORY-BUILT CABINET



ABINET Jensen heavy-duty 8" woofer & matching Jensen compression-driver exponential horn tweeter, Smooth clean bass & crisp, extended nautral highs. Overall response: ±6 db 70-12.000 cps. Power-handling capacity: 25 w. Impedance: 8 ohns. Bookshelf size: 23" x 11" x 9". 25 lbs. Wiring Time: 15 min.

IN STOCK at your neighborhood distributor.
Write for free catalog Hal2
LONG ISLAND CITY 1, N, Y.
Prices 5% higher on West Coast

twelve on. He joined M-G-M records as a publicity assistant, worked as assistant to the late Macklin Marrow, who set up the first M-G-M classical catalogue. The catalogue is noteworthy for the fact that it contains neither Scheherazade nor the Nuteracker Suite. It does contain such items as the Fauré Quinter No. 2, the piano music of Ernest Bloch, Poulenc's Les Biches, and Honegger's Concertino for piano and organ. Nor has any record company paid such flattering attention to the Armenian-American composer, Alan Hovhaness - represented, as of the moment, on five M-G-M LPs.

"Since M-G-M can't compete for names and exclusivity," Cole said, "we tend to deal with younger artists, smaller groups, and the less performed composers. There is certainly an accent here on new American music - an occasional subsidy, but mostly done as regular We take a long-range view, policy. and are consciously building a catalogue that will have value over a considerable period. We don't know if Hovhaness will be the Stravinsky of ten years from now, but we're willing to give him a try at it. We plan to give the public a taste of his music every three of four months.

"Aside from the sale of records, there is more exposure than one might think. Many radio stations are on the constant lookout for novelty. Several thousand people might hear this new music on a single night." Cole believes in recording modern music crisply, "so one hears the inner voices." For older music he likes best a "roomy, resonant, moist sound." For technical assistance he often uses Robert E. Blake, a sound engineer who once recorded on the R.E.B. EMS labels.

Cole, of necessity, has his commercial side. The popular organist, Richard Ellsasser, appears on several classical M-G-M LPs; he also has recorded an LP called The Wedding Album. It has already sold more than 25,000 copies, and demand is still brisk. The record contains all the organ music needed for being married in the living room. But Cole is as embarrassed as he is happy over the disc's success. He feels that it is anything but indicative of his true a & r direction, and his unusual catalogue would seem to bear him out.

(This is the first of two articles by Mr. Alpert on the Artists and Repertoire Man.)





During its first year, the HF20 has received consistently high praise from users - has become established as the outstanding value in amplifiers of this power class. Employs an out-put transformer capable of handling far in excess of its rated 20 watts, a full Ultra-Linear Williamson power amplifier, and the finest preamplifier-control facilities. Rated Output: 20 w (34 w pk.) IM Distortion (60 & 7,000 cps @ 4:1): (34 w pk.) IM Diatoriton (60 & 7,000 cps @ 4:1): 1.3% @ 20 w. Harmonie Distoriton: below 1% from 20-20,000 cps within 1 db of 20 w. Freq. Resp.:  $\pm 0.5$  db 15-30,000 cps at any level from 1 mw to 20 w; no peaking or raggedness outside audio range. Square Wave Resp.: 20-20,000 cps cssentially undistoried. Sens.: 4 my on mag phono & 4 v on tuper, etc., for 20 w output. Hum & Noise: 60 db below 20 w on mag phono, 75 db below 20 w on tuner, etc. 5 feedback equalizations for LPs & 78s. 4 hi-level switched inputs (tuner, tv. tape, crystal), unused inputs grounded to eliminate cross-talk; 2 low-level inputs for proper loading with all cartridges. Low distoriton variable crossover feedback tone controls:  $\pm 15$  db @ 50 cps &  $\pm 15$  db at 10 kc, with mid-freqs. & volume unaffected. Hum bal. control. DC superimposed on tube filaments to eliminate cathode-heater leakage as hum source. ness control & separate level set control on front panel. Extremely fine output transformer: inter-leaved windings, tight coupling, careful balancing, grain-oriented steel. Speaker Connections; 4, 8 & 16 ohms. HWD: 81/2" x 15" x 10". 24 lbs. Matching Cover E-1, \$4.50.



Four EL84 output tubes in push-pull parallel; high power sensitivity eliminates need for extra driver stages, permitting Williamson-type circuit with large inverse feetback and high stability margin. 6 lb. output transformer, extensively margin. 6 lb. output transformer, extensively interleaved windings & grain-oriented steel lam-inations. Surge-free, high reliability power sup-ply using two E/81 full-wave ractifiers. Power take-off socket for EICO HF61A Preauplifier. Rated Output: 30 w (47 w pk.) IM Distortion (60 & 7,000 cps @ 41) 2% @ 30 w; 0.83 @ 20 w; 0.35% @ 10 w. Harmonic Distortion: below 1% from 20-20,000 cps within 1 db of 30 w. Freq. Resp.:  $\pm 0.1$  db 15-30,000 cps &  $\pm 1.5$  db 15-100,000 cps, at any level from 1 mw to 30 w; no peaking or raggedness outside audio range. Square Wave Resp.: 20-20,000 cps exenrange, Square Wave Resp.: 20-20,000 cps essen-tially undistorted. Inverse Feedback: 20 db. Stability indifferent. Inverse Feenback: 20 dis-Stability Margin: 15 db. Damping Factor: above 10, 20 cps to 20 kc, Sens.: 1.24 V for 30 w. Hum: 80 db. helow 30 w. Speaker Connections: 4, 8, and 16 ohms. HWD: 5" x 12" x 7". 17 lbs. Matching Cover E-3, \$4.50.

SEI	LONG ISLAN	RTHERN BLVD.
No. of Concession, Name	nd FREE catalog and na ributor or high fidelity	
Nome		
Address		
City		State
P	rices 5% higher on We	st Coost H-12



#### NEW DIRECTIONS

Continued from page 49

in order to handle the increased dynamic ranges of modern program materials, and to drive the new low-efficiency speaker systems. Often they are still not powerful enough. If we have amplifiers of 200 watts or more within the next few years, it will not be surprising. The modern amplifier's greater stability, necessary when connected to loads such as an electrostatic speaker, surprised a good many listeners by improving the sound from conventional speakers also.

We still have a lot to learn about amplifier design and the effect of the load on performance. I feel sure that amplifiers will get better, possibly, as I suggested before, by integration with the speaker systems they are to drive. Transistors will be used in power amplifiers also, but not as soon as in low-level electronic circuits. Probably their most extensive application will be in outputtransformerless amplifiers.

Remarkable performance improve-ments have been effected in record changers. The best now are easily as good as typical turntable and arm combinations of a few years ago. And it isn't casy for me to see how the best turntables we can buy now for home use can be improved; maybe they'll be less expensive in the future! Pickups certainly can become even better, although the general quality level has jumped to unsuspected heights recently. Ingenious design has produced low-mass high-compliance cartridges that will stand up as well under hard use as the old chisels we tolerated in 1952. They also are much gentler on records; with some of the new cartridge-arm combinations, it is impossible even to scratch a record. Withal, these new phonographic components more than match the great corresponding advances in record-making techniques. Here are some sure bets: the emphasis in coming years will be on arm and cartridge combinations; further reductions in tracking force, and stiffer record materials, will reinforce the now tentative movement toward smaller stylus tadii; and there will be new record-playing devices that will wear records even less than those we have now.

Why, we're only beginning to approach *real* high fidelity. Stick around — you'll like the sound.





FOR THE FINEST

EXTENDED RANGE LOUDSPEAKERS and MULTIPLE SPEAKER SYSTEMS



For complete information on Goodmans' loudspeakers, speaker enclosure kits and the famous Goodmans' Acoustical Resistance Units, write to Dept. HG-12 Rockbar Corporation, Mamaroneck, N.Y.



American Sales Representatives for Goodmans Ltd.

#### TV OPERA

#### Continued from page 55

It has scenic charm even in the theater: the rustic bridge, the millstream, and so on are all on the stage, but with all the added possibilities of television it is much prettier and can show far more variety. The poor young soprano who walks in her sleep and wakes up in the Count's bed - a likely story to begin with - has many tribulations before her village lover will take her back again. In the course of these she has to sing what is in effect a mad scene, a long melodious meditation with vocal embroideries, while she is sound asleep. ("Ab, non credea mirarti," beloved by Jenny Lind and Queen Victoria). This was wondrously fetching in television. Anna Moffo drooped over a lilypond, like Ophelia, and her blonde curls drooped too, and she succeeded in being highly pathetic while accomplishing some very spry vocalism. This production was popular and was put on again six months later - which is very soon for a single-channel system; normally any repetition is a year after the première and even these are not numerous. The popularity of La Sonnambula has good television reasons: it is fairly short (two acts), extremely pretty to see and tuneful to hear, with good performers, and it has gone without a hearing for so long that it is now a novelty. (Maria Callas, who restored it to the stages of Europe, refused to do it on television.)

A word must be said about the television audience for opera - that is, the audience which by and large that has never heard a whole opera before and is unfamiliar with the form. This is the great Italian audience, in the villages where television assumes colossal importance, villages where there is not even a movie theater or a dance hall. Two or three really good American television sets, one in each of the cafés or local inns, make the whole world of entertainment. A small proportion of the young actually take to opera instinctively and never miss a chance to hear it. Others listen for awhile and go away; and among older citizens (those who used to work in cities) there are some who know the general idea of an opera and follow with pleasure.

Most, however, object to it, and I find their reasons interesting. In every case every opera is "too long," its story is hard to follow, and its language incomprehensible. That is what they say right here in the birthplace of opera. I have contributed, at times, copies of the printed libretto, to see if that would make any difference. My fellow listeners do not find it helpful because they are unaccustomed to the effort of reading, looking, and listening all at once. This

Continued on next page



Tri Cousti-Cone to the manufacturer within seven days and your money will be refunded.

OUSU-

3783 CAHUENGA BLVD., NORTH HOLLYWOOD, CALIFORNIA

WRITE TODAY!

FREE BROCHURE

69.50

one, corp.



Significantly better-of course-because it features a new feedback system in the proven Acro-Developed, Ultra-Linear circuit that sets a new standard of stability in amplifier performance.

Significantly better-the heart of the 60 watt Ultra-Linear II amplifier is the Acrosound TO-600 output transformer which provides a degree of feedback unaffected by the impedance of the speaker system.

Significantly better-the Ultra-Linear II amplifier is supplied in kit form with all critical wiring preassembled on a rugged printed circuit board . . . simple construction requires only 2 hours' assembly time.

Significantly better in every way: RATED POWER OUTPUT-60 watts IM DISTORTION-less than 1% at 60

MARMONIC DISTORTION-Less than 1% between 20 CPS and 20 KC at power output within 1 DB of 60 watts SENSITIVITY-1.8 volts RMS for 60 watts output

OUTPUT IMPEDANCE-4, 8, 15 ohms TUBES-2-EL34/6CA7, 1-GZ34, 1-12AX7, 1-12AU7

DAMPING FACTOR-Variable 0.5 to 10. HUM-90 DB below rated output SIZE-7" x 15" x 8" high. WEIGHT-30 Ibs.

Price \$79.50 complete with all com-ponents. \$109.50 wired and assembled (slightly higher in West)

· Patent Pending Available at loading distributors Please send literature on illustrated Ultra-Linear II Amolifier

Nome			
City		State	
ACRO	PRODUC	TS COM	PANY
369 SHU	S LANE, PHI	LADELPHI	A 28. PA.

#### TV OPERA

#### Continued from preceding page

is an amusing commentary on all the old arguments about the language of opera - "opera in English," for instance. Here, where everything is in Italian, the Italians cannot understand their own language in operatic form. No effort has been made so far to try out an opera in a foreign language. One act of Louise (the second) was announced last winter, to be sent out from the stage of the Scala, in French. It was postponed twice and then cancelled altogether because it conflicted with the allimportant bicycle race, the tour of Italy, which counts more for a television audience than all the music ever written. My guess is that if the RAI ever does send out an opera in French, German, or English it will make little or no difference

The Christmas opera this year is to be Hänsel und Greiel. (Last year it was Menoti's Amabl and the Night Visitors.) Such works of special appeal and on special occasions fare better than the old favorites, and play their part in winning a television public for opera. Some of my anti-operatic friends enjoyed Menotii's early work, Amelia Goes to the Ball, better than any other in the past season. But nobody, literally nobody except myself, in the village where I live, is willing to sit out an entire uncut work of the old school, not even Il Tromatore or Carmen. This is mentioned to give a notion, some vague notion, of the difficulties the RAI is up against in its ambitious program. It has a duty to Italian art, tradition, and standards, as well as to that large minority (mostly in cities) which is devoted to opera. Figaro, two years ago, was followed blissfully by a considerable audience in the writing room of the Continental Hotel in Milan, right up until one in the morning; I was there and saw it. In my village, I heard, it was turned off after the first act.

There is a mass resistance to overcome in the country at large, and it will be interesting to see the evolution. I predict compromises. It is certain that they will be difficult and will produce an outery, but some kind of compromise, however gradually introduced, seems inevitable. The emphasis on one-act works already indicates the line that is likely to be followed: some attempt to make opera more palatable by reducing the dose. Carrots, in other words, instead of kicks.



TURNTABLE RUMBLE **DEFEAT YOUR** HIGH FIDELITY SYSTEM

DON'T LET

NOW RUMBLE 50 db · BELOW N.A.R.T.B STANDARD REFERENCE LEVEL \*

ce velocity of 7 cm/34 corresponde to Nat Redip & Television 0 standard relevence in

TENER

HIGH FIDELITY

TURNTABLE

\* The ¥ incomparable

incomparable Starlight has been brought even closer to dreamed of total silence in operation and now actually exceeds even the most rigid professional standards. In fact, if checked by the reference level used by some turntable manufacturers, it would show as much as 80 db signal-to-rumble ratio! And all this at no in-crease in price!

\* Illuminated Stroboscope - reads while the

record is playing

Continuously variable speed control - precise settings for all 4 speeds. \* Wow & flutter less than 0.2% RMS Again belter than NARTB standaros Model 60 \$5950 (less base and arm) Model 672 (illustrated) Complete unit with model 60 luratable, base and push-button transcription arm , \$97.00 22.50

butten (ranscription arm , Model 07 push-butten (ranscription arm , Model 067 (Dioade) and Model 064 (beeny finish) 1° laminated hardwood bare . 17.50 Prices include fed. excist tax where applicable.

METZNER ENGINEERING CORP 1041 N. SYCAMORE AVE., Dept. HF-12 HOLLYWOOD 3B, CALIF.

## **TRUTH** in REPRODUCTION

#### (Reading Time - 60 seconds)

#### Just what should a loudspeaker do?

Should it provide a startling reproduction? Or, should it pro-vide as accurate a reproduction of the original performance as is humanly possible?

This is an issue that arises in our THER Loudspeaker (TPr, Model R, or Acousta) is compared with the other great names in speakers. Most people immediately recognize the LOWTHER kind of reproduction as them are troubled—they hear things (in their own words) they aren't prepared to hear .... rustling noises in the orchestra, bad string attacks, fluffed notes, etc. - on source ma-terial they are familiar with, and which they thought was almost per-fect. Many of them, too, comment on a vastly different kind of space perspective — on the placement of orchestral voices in deep space — rather than on the edge of the speaker, as with other designs.

Obviously, these are the distinguish-ing marks of LOWTHER accuracy in reproduction — which leads to a greater faithfulness to the original playing and its acoustic environment, so much so that people liken the effect to true binaural reproduction, as heard in the concert hall.

Ler it be admitted that some people react against this "truth in reproduction" — which explains why LECTRONICS also features other fine loudspeaker systems, with differing qualities.

Therefore, the services of an organi-zation like LECTRONICS are important to you in your search for better reproduction. Our highest rec-ommendation in loudspeakers, na-turally is the LOWTHER. But our consulting service (a no charge ex-tra here) may recommend a different approach for you, drawing upon our vast experience and background in evaluating customer likes and needs. Before you invest precious money in new equipment of any sort, avail yourself of this fund of experience, backed by the most meaningful "sat-isfaction guarantee" currently available.

> Write for the brochure on Lowther products, or other recommendations based upon your individual needs.

#### LECTRONICS

of City Line Center, Inc. 7644 City Line Ave. Philadelphia 31, Pa., U.S.A.

World Market-Place for Finer High Fidelity Components

#### TOSCA, JERITZA, AND ME

Continued from page 58

"Did Puccini help you in other respects?"

"Of course," Jeritza explained. "For instance, he showed me how to jump from Castell' San Angelo. He, himself, climbed on the wall, stretched his entire body like an athlete, and showed me how I should jump, so it would be as effective as possible."

At that moment, we both witnessed Jeritza-Tosca, clad in blue-gray chiffon, racing toward the fortress wall, taking one catlike leap and -- landing securely on the buttress -- stretching her tall body, arms raised to Heaven. I could have sworn I heard her "Scarpia, resta a Dio!"

"And when you spot the knife, in the second Act. Was that Puccini's direction too?"

Jeritza smiled, not so much with her mouth as with her very blue, fascinat-ingly asymmetric eyes. "You must give me a little credit, too, you know," she said. "No. The way I discovered the knife and all it implies to Toscaescape from Scarpia's hideous advances, freedom for Cavaradossi and herself, and fear of having to commit murder - all this came to me instinctively."

"And the way you sang your offstage "Mario, Mario, MArio!! Before you make your first entrance?" (Asking the question I heard her sing it: jealously, imperiously, and impatiently. In those three words she had characterized a diva who was not accustomed to being left waiting by anyone, not even her lover.)

"No, that was Jeritza too," she said. The muffled shot of Don José's gun

-directed at Escamillo in the third act of Carmen - brought me to the present once more. I felt, polite as my interviewee had been, that I could not deprive her of the entire performance she had come to hear. "Did you ever see Sarah Bernhardt as 'Tosca?" I asked. "No, I never did. In fact I always

liked to approach a new role freshwithout seeing anyone else's interpretation."

"Did Puccini study other roles with you?"

"Of course. Fancinlla, Taharro. He insisted I study Tabarro in two days for a gala performance in Brussels. He and the wonderful coach, Ferdinand Foll, and I stayed up thirty-six hours at a stretch and while Foll and 1 went over and over the score, Puccini painted red dots on a white blouse he had found among my clothes. He insisted that I wear a white blouse with red polka dots in Tabarro. As we didn't have time to hunt for such a material and as shops were closed at night, he just took that

Continued on next page

# JUST PUBLISHED

The Definitive Book on Tape Recording-everything you want to know about **Basic Recording Techniques,** Nomenclature, Latest Developments, Maintenance & Repair, and the Art of Tape Editing.

# ELEMENTS OF MAGNETIC APE

By N.M. Havnes

Engineering Vice-President, Amplifier Corporation of America

Top sound and recording experts say there is nothing – absolutely nothing – to equal the thoroughness and scope of this book on the new art and science of tape recording. If you are looking for the one book that explains every aspect of the subject in an easily understood way . . . that helps you put more technical excellence into your tape recording system and get more enjoyment out of it . . . THIS IS THE BOOK!

#### 25 CHAPTERS, 350 ILLUSTRATIONS COVER SUCH TOPICS AS

Magnetic Fundamentals Electroacoustic Funda-mentals The Recording Process The Playback Process The Erosing Process Unique Magnetic Tape Phenomena Multitrack Recording Tape Editing

Flutter Specialized Systems Performance Specifica-

Performance Specifica-tions Maintenance and Repair Input, Output Circults Bias Oscillators Mixers, Preemplifiers and Equalizers Amplifiers and Power Supplies

"... more information better put-than in all the rest of my reading on the subject to date." - FRED SHUNAMAN, Managing Editor, Radio-Electronics. "... almost a 'constitution' for the world of mag-netic tape." - E. T. CANBY, former Music and Re-cordings Editor, Saturday Review.



# NEW STANDARD OF PERFORMANCE



IT TRACKS AT ONE GRAM! **ITS FREQUENCY RESPONSE IS** 20 TO 20.000 CPS (±2db)!

REPRODUCER

HONO

#### ONLY WITH THE STUDIO DYNETIC

- · Record and needle wear are drastically reduced!
- You can completely avoid record scratches!
- You never have to level your turntable!
- You don't have to worry about groovejumping!
- · You can get superb fidelity, even from warped records!

You get the excellent response, low distortion and high compliance of dynamic cartridge construction, plus high output, minimum hum pick-up and the elimination of tone arm resonance and needle talk. There are also the additional benefits of the elimination of the pickup of low frequency rumble and motor noise. This superb unit sells for \$79.50 net. Your hi-fi dealer will be happy to arrange a demonstration.

> Write to Sales Department for reprints of informative, published articles



#### TOSCA, JERITZA, AND ME

Continued from preceding page

expensive new white blouse and painted red dots on it.'

"Did you sing that Tabarro performance in Brussels?"

"Naturally," she said in surprise. "When Puccini wanted you to learn a role in two days, you learned it!" She concluded, "And of course we studied all of Turandot together. Or as far as he wrote it for me. This was just a few weeks before his death."

"One definitely last question," I said. "You attend the Metropolitan twice a week. Have you ever seen any Tosca you consider your successor?

Madame's association with U.N. delegates came to the fore. "Every singer who tackles Tosca has to be good. If they feel as I felt and live the part as I did, they have to be good." She now retrieved her very dark, very soft mink which seemed to sense that it too had better be good, otherwise it would be turned by special witchcraft into sable or ermine, and, wrapping it around her, she shook hands. "They have to be good," she repeated, "otherwise they wouldn't be singing it on that wonderful stage down there." She smiled, and somehow was gone. The door closed after her.

I did not return to Carmen. I walked out of the house and 40th Street looked like Operngasse, the Public Library like the Hofburg, and, passing the Plaza, I half expected to pass our Vienna apartment on Lobkowitz Platz, en route to Stallburg Gasse.

There have been Toscas since those Thirties. Lotte Lehmann, Dusolina Giannini (whose "Vissi d'arte" was not an appeal for God's help but the accusation that He had let her down when she. Tosca, had always helped the poor and the Church), Grace Moore, Welitch, Kirsten, Milanov, and, last season, Callas and Tebaldi. .

It is always odious and certainly futile when old opera devotees try to explain to a younger generation that "they haven't seen anything." In Jeritza's case, I cannot point to recordings, for none of her discs give an inkling of the excitement, the glowing passion, and the exquisite vocal shading which were part of her performance. If, to me, none of the aforementioned ladies quite reached Tosca heights à la Jeritza - perhaps this is because I was rwelve when I saw her for the first time; but - most likely because Jeritza was the Tosca to end all Toscas

An opinion which would seem to have been shared by, among others, Giacomo Puccini.





#### GIVE THEM DIAMONDS!

Genuine Columbia diamond tip needle gives records longer life, makes them sound better. Certified as perfect by Columbia engineers. Precision made for all phonographs.



#### TAKE THEM OUT MORE OFTEN!

Columbia brings you the most beautiful record carrying cases Deautitul record carrying cases in America—perfect for party-going, weekending, traveling and storage. Available in three sizes to hold either 7", 10", or 12" records. Each case holds up to 60 records with index. Available in blue-and-white, charcoal-and-gray, black-and-gray, gray-and-ted, or brown-and-tan.



**GIVE THEM A HOME OF THEIR OWN!** These beautifully designed Columbia record racks are built to hold both 7" and 12" records. 40 and 50 record capacity. Support jacketed records without

warping or pinching. Luster-lacquered brass finish for lasting beauty.

#### KEEP THEM GOING ROUND IN CIRCLES!

Conversion spindle for automatic 45 rpm record play on multi-speed phonograph. No inserts required. Just slip it on the turntable and the records are ready to play.

#### **GIVE THEM FUR!**

Columbia's sable-soft brush cleans records as they play. Improves sound, protects records. Guaranteed not to scratch delicate record surfaces. Practically weightless. Fits all tone arms.

BE PROTECTIVE AT ALL TIMES!

Columbia electrostatic spray cleans your records, lubricates grooves, protects against record and needle wear, banishes annoying static crackle. Contains silicones. Single application lasts several months.



#### HELP THEM STAY YOUNG-LOOKING ALWAYS!

Columbia electrostatic cloth keeps records almost like new. Eliminates static as it cleans. Removes dust, dirt, grime, helps keep records from becoming scratched. Contains silicones.

Experience "Listening in Depth" on 1958 Columbia Phonographs-\$29.95 to \$1,995



Prices are suggested list. (1) Columbia Marca Reg.

SHURE BROTHERS, INC., 220 HARTREY AVENUE, EVANSTON, ILL.

#### Low-Cost Hi-Fi with the SOUND ECONOMY



#### THE SOUND THAT STANDS ALONE ...

Now. with W/B Stentorians. you can enjoy high-quality high fidelity at unbelievably low.

high-quality high fidelity at unbelievably low, low cost! Manufactured in England hy world-re-nowned Whitelay Electrical Radio Company — originators of the first commercial per-manent magnet loudsneakers in 1927 — Stentorians provide a beauty and realism that has won the unqualified praise of nearly every leading audio critic and user, both here and abroad. But hereing is believing! Hear the W/B

and abroad. But hearing is believing! Hear the W/B Stentorlane at your very first opportunity . . . and discover for yourself why these distinguished units are the leading low-cost speakers in the world today.

STENTORIAN EXTENDED RANGE SPEAKERS 15" STENTORIAN WOOFER Model HF 1514 Response, 25 - 4,000 cps.; bass re- sonance, 35 cps.; power rating, 25	SPECIAL AUDIOPHILE NET
walts: 10 lb. Alcomax Magnet System List \$149.50	\$89.50
12" STENTORIAN EXTENDED RANGE LOUDSPEAKER Model HF 1214 Response, 25 — 14,000 cps.; bass re- sonance, 39 cps.; power rating, 15 watts; 51/2 lb. Alcomax Magnet System	152.50
List \$87.50	\$52.50
Model HF 81D (8") Response, 50 - 12,000 cps.; bass re- sonance, 65 cps. List \$18.25 Model HF 610 (6")	\$10.95
Response, 60 - 12,000 cps.; bass re- sonance, 70 cps. List \$14.95 STENTORIAN TWEETER Model T-10	\$ 8.95
Response, 2,000 - 16,000 cps.; power rating, 5 watts; 2½ lb. Alcomax Magnet System List \$35.00	\$20.95
UNIVERSAL IMPEDANCE LOUOSPEAKERS WITH 4, 8 & 16 DHM VOICE COILS Model HF 1012-U (10")	
Response, 30 — 14,000 cps.; bass re- sonance, 35 cps.; power rating, 10 watts; 12,000 gauss; 2 lb. Alcomax Magnet System	\$18.95
Model.012-U (8") Response, 50 - 12,000 cps., bass resonance, 65 cps.; power rating, 10 watts; 12,000 gauss; 2 (b. Alcomax Magnel System	\$14.95
as above but with 16,000 gauss; 31/2 1b. Alcomax Magnet System List \$49.95	\$29.50
STENTORIAN GROSSOVER UNITS Input and output Impedance, 15 ohms, Individual units for crossover at 500, 1,500 cps	\$13.95
OF 3,000 CPS. LIST \$16.60 STENTORIAN CONSTANT IMPEDANCE BALANCE OR VOLUME CONTROLS	\$ 3.35
For mid-range, high frequency system balance, or control of remote loud- speakers, individual units for 4, 8, or 16 ohm Impedance. List \$11.75 ea.	\$ 6.95 ea.
For complete Illerature on these an other famous Stentorian loudspeaker accessories and specially designed en see your dealer or write:	s. oudio
<b>Barker Sales Comp</b>	

irker baies comp 996-8 Edgewater Avenue, Ridgefleid, N. J., U.S.A. Exclusive Sales Agents for the U.S.A. and South America Charter Member: Inst. of High Fidelity Mfrs., (nc.

\*T/M Whiteley Electrical Radio Company

#### BEST RECORDS

#### Continued from page 51

Cousin Edward is a somewhat casier case to handle. He's the young fellow just in college who is beginning to develop an interest in classical music. Like most people just entering the business, he prefers symphonies - Beethoven's, to be exact. He should be very content with Otto Klemperer's recording of Beethoven's Fifth on Angel 35329. But if you want to make Ed feel like a connoisseur, and at the same time save yourself a couple of bucks, give him Toscanini's old recording, with the New York Philharmonic, of Beethoven's Seventh (RCA Camden CAL 352), assuring him that despite its age this is the greatest of all Beethoven Sevenths.

Once you've shipped Ed's records off to his college address, you might remember Professor Grimpus, who is going to have a lot to say about how long Ed remains in school. Professor Grimpus' main interest is pre-Bach music, and if you want your cousin to be class valedictorian you might ship him the entire Deutsche Grammophon Archive series, purveyed in this country by Decca, In lieu of so generous a gesture, turn to the baroque, an epoch in which Professor Grimpus says he delights. The Italian instrumental group known as 1 Musici should lull the Professor into doing the right thing by Edward, notably in Epic LC 3343, four concertos from Vivaldi's Op. 8. A more varied baroque collection is Unisorn 1030, on which Erwin Bodky and the Cambridge Society for Early Music offer pleasant samplings of Vivaldi, Veracini, Torelli, Albinoni, and Dall'Abaco. If Ed's grades are particularly feeble this year, coss the professor the complete Flute Sonatas of Vivaldi on Vox DL 353. If Ed still flunks after that, ask for the records back.

Pianists on your list are easy to handle give them piano music. (Violinists, for some reason, prefer violin music.) True, Aunt Emma isn't much of a pianist. But she did study at the Conservatory until they told her she was a little too old still to be going there, and she does give free lessons to the kids on the block. Probably the greatest compliment you could offer would be the Five Beethoven Concertos played by Rubinstein with the Symphony of the Air under Josef Krips (RCA Victor LM 6702).

Does your aunt have an ear for new pianistic talent? Slake her curiosity with Gyorgy Cziffra's Liszt (Angel 35436) or Vladimir Ashkenazy's Chopin (Angel 35403). Does she bemoan the passing of pianistic greats? Let her mourn with Gieseking's Grieg (Angel 35450/1) or with Dinu Lipatti's Bach, Chopin, and Schuberr (Angel 3556). Is she fascinated by the bistory of the piano?

Continued on next page

www.americanradiohistory.com

# Before you buy a Stereo system read Crowhurst's STEREOPHONIC SOUND

You'll get so much more out of your Hi-Fi equipment with these Rider Books:

#### HIGH FIDELITY SIMPLIFIED (3rd Edition)

#### by Harold D. Weiler

#### **REPAIRING HI-FI SYSTEMS**

#### by David Fidelman

#### HI-FI LOUDSPEAKERS & ENCLOSURES

by Abraham B. Cohen

#### GUIDE TO AUDIO REPRODUCTION

#### by David Fidalman

HOW TO SELECT & USE YOUR TAPE RECORDER

#### by David Mark

For the user of magnetic tape recorders — and to serve as a guide in selecting a machine that most suitably meets individual requirements. Illustratas actual set-ups for the many different applications of tape recorders. Read this book before you buy a tape recorder . It will save you many dollars! #179.....only \$2.95

#### HOW TO SERVICE TAPE RECORDERS

#### by C. A. Tuthill

Discusses the tape recorder and its operation. Ex-plains the types of circuits, drive mechanisms, troubleshooting and repair. #167.....only \$2.90

ORDER TODAY! These books are sold by electronics parts jobbers and bookstores. If your dealer does not have the books you want, mail this coupon to us. John F. Rider Publisher, Inc

I have enclosed books I have circl			Please	rush	the
209 142 205	176	176-H	148	179	167
Name		100		-	-
Address			_	)	
CITY	Z	oné	State		



GRADO LABORATORIES . 4614 SEVENTH AVENUE . BROOKLYN 20, NEW YORK EXPORT DIV. . 25 WARREN ST. . NEW YORK 7, N.Y.

#### BEST RECORDS

#### Continued from preceding page

Vox's Spotlight on Keyboard (362) will tell her things she never learned at the Conservatory. (Spotlight on Strings, Vox 320, will do the same for fiddlers.) Finally, if your aunt was a little irked with you last year when you somehow neglected to give her the \$80 Victor album of the complete Beethoven Sonatas played by Artur Schnabel, be reminded that the same company is now issuing the Sonatas on individual records. Give Emma as many — or as few — of these as you can.

If you have a violinist rather than a pianist to contend with, he will not despise such offerings as the Bach Unaccompanied Partitas and Sonatas by Milstein (Capitol PCR 8370) or the Schubert Sonatas of Joseph Fuchs and Artur Balsam on Decca DL 9922. For Oistrakh fanciers, go a little offbeat with Angel 35354. entitled Oistrakh Encores, a collection of trifles which are no trifling matter to this serious Russian.

Satisfying a chamber-music lover is a treacherous business. Ethelbert Grump (we won't give his real name, because you probably know him) is well bred and reserved. He will accept whatever you offer courteously. But heaven forbid that you should read his mind when he tears off the gift wrapping. Take a chance, however, with the whopping



Capitol album of the late Beethoven Quartets played by the Hollywood String Quartet (PER 8394), or the complete (except for the first) Mozart Quintets by the Budapests and Walter Trampler, viola (Columbia M3L 239). If Ethelbert rates only a single disc, make it either the Smetana From My Life Quartet by the Endres Quartet (Vox 10190) or the Dvořák No. 7 in A flat by the Janácek Quartet (Decca 9919) — both lovely Central European masterpieces superbly played.

You probably thought that Dr. Syndrome, the village Mozartean, received enough Mozart records last year, his hero's bicentennial, to last him a lifetime. You're wrong. Mozarteans are in-

Continued on page 164

music listeners, ookshop

Save yourself time and trouble by ordering your books directly from us. Just fill in the coupon below and mail it to us with your remittance.

#### SPEAKING OF PIANISTS By ABRAM CHASINS

This is a book of wise, informal - and thoroughly informed talk about planists by a man who has himself been a concert planist, composer, teacher, and for more than a decade music director of the radio station of *The New York Times*, WQXR. Abram Chasins speaks of great planists and the music they play, of recordings, state sponsorship of art, and the problems of artists in our society. A book for all who care about music. \$4.00 258

#### WHAT TO LISTEN FOR IN MUSIC

BY AAPON COPLAND

The revised edition of a book which made it possible for thousands to increase their enjoyment of music through creative listening. \$3.95 247

#### HIGH FIDELITY RECORD ANNUAL 1955 HIGH FIDELITY RECORD ANNUAL 1956

Both edited by Roland Gelatt

Comments on the first two annuals:

"High Fidelity's pagel of reviewers includes some of the best-known men in the business. Their reviews not only are compre-hensive in their comparisons of editions, but frequently they contain information about cettain works that is difficult to find elsewhere." — NOTES

"The record collector who is bewildered by the sheer number of discs which are issued each year will find this book valuable as a means of bringing order out of chaos." — CHICAGO TRIBUNE 1955 Annual --- \$4.95 201 1956 Annual - \$4.50 237

See page 22 for RECORDS IN REVIEW 1957 -The Third High Fidelity Annual

#### THE BOOK OF JAZZ - A Guide to the Entire Field By LEONARD FEATHER

A new kind of book which meets the need for a basic guide. Analyzes each instrument, its major performers, the "anatomy of improvisation" illustrated for the first time with music scores of fifteen great soloists. \$3.95 260

THE JAZZ MAKERS

- Edited by NAT SHAPIRO and NAT HENTOFF

Here are the men and women who made jazz — their lives, conflicts, aspirations — written by America's best known authorities and edited by the same men who produced Here Me Talkin' to Ya, \$4.95 2841

JAZZ: ITS EVOLUTION AND ESSENCE - BY ANDRE HODEIR

"I think I've read about everything on jazz and there's nothing like this book. . . It is the first and only treatment of the aesthetics of jazz. Secondly, it was written by a practicing musicalon in both the jazz and academic fields who is also a musicalogist. And finally, it's a balanced treatment which grinds no axe and will stand up over the years." — Marshall Stearns. Paper, \$1.45 262 Leonard Feather's THE ENCYCLOPEDIA OF JAZZ and THE EN-CYCLOPEDIA YEARBOOK OF JAZZ – now handsomely boxed and attractively priced – \$12.50 263

#### THAT CRAZY AMERICAN MUSIC By ELLIOT PAUL

An unorthodox, witty, highly opinionated, always fascinating ac-count of the development of American music — from pre-Revolu-tionary days to jazz, boogie, and rock 'n' roll, by the author of *The Lass Time 1 Saw Paris*. What he says carries weight. How he says it makes vigorous, illuminating, sometimes searing read-ing. Not only for music lovers, but for all who enjoy good, lively writing. writing. \$4.00

#### HIGH FIDELITY

#### **A Practical Guide**

#### By CHARLES FOWLER

Here at last is *the* book for the beginner — one that neither under-nor overrates his knowledge or ability to understand high fidelity. With unusual clarity and in just the right amount of detail it ex-plains the principles involved and their application. Thus the reader is able to exercise an informed and reasoned judgment as to what would best suit his own taste, his available space, and his purse — in building, in buying, or in adding to his high-fidelity system. In short — a complete, intelligible, and literate exposition for the novice high fidelitarian. \$4.95 234

#### **HIGH FIDELITY: The Why** and How for Amateurs By G. A. BRIGGS

". . . holds something for everyone. For the amateur, for whom it was written, it holds a bit of everything, in suitably compressed form, and must eventually leave him with a feeling that he has acquired a general working background to the whole subject. . . . It deserves a wide readership." - HI FI NEWS (England) \$2.95 250

Book Department

HIGH FIDELITY Magazine

Great Barrington, Mass.

#### MAINTAINING HI-FI EQUIPMENT

By JOSEPH MARSHALL

A much-needed book on the specialized approach necessary to service high-fidelity equip-ment. The author discusses not only electronic faults, but the mechanical and acoustical defects which cause a hi-fi system to function less than perfectly. The book is clearly written and well indexed. Hard cover, \$5.00 232 Soft cover, \$2.90 233

charge ord	ers, please.)	rcled numbers Foreign orde	rs sent at	buyer's	risk.
dian.					
Binder 7b	2.95				
Unmarked I	binders \$2.75	each			
HIGH FIDEL	ITY RECORD	REVIEW INDEX	ES - 50¢ ea	ch	
		1955	1956		
	-		-		250
NT 4 N (N				201	258
NAME	••••••	•••••	••••••	232	259
ADDRESS				233	260
				234	261
••••••	•••••••••••••••••••••••••••••••	•••••••	••••••	237	262

I enclose S .......... for which please send me, postpaid, the

263

ſ

ĩ

#### TRADER'S MARKETPLACE

Here's the place to buy, swap, or sell audio equipment. Rates are only 35¢ a word (no charge for name and address) and your advertisement will reach more than 75.000 music listeners. Remittance must accompany copy and insertion instructions.

SAVE! SAVE! The finest of hi-fl components and records. All brand new. Write for free list today. Downey Hi-Fi, P. O. Box 2065, Dept. H, Downey, Calif.

FOR SALE: One Fairchild 65 watt amplifier \$100.00. One Brociner Mark-30C control amplifier \$50.00. One Brociner A-100 PV preamplifier \$25.00. One Lincelin record changer \$100.00. Two Fairchild professional turret type transcription arms \$25.00 oach. Two Brociner transcondent corner speakers \$500.00 oach. A. C. Smrha, 12 Mountainview Dr., Wastfield, N. J.

CATALOGUE YOUR RECORDERS, 3 conts, 3 minutes each. Samplos 10d. Old Colony, Dept. A, Box 244, Millis, Muss.

VAN SICKLE RADIO SUPPLY CO. has the newest, cleanest stock of parts, kits, test equipt, hi-fi, otc. In their new building at 4131 N. Keystono Avo., Indianapolis 5, Ind.

. TAPE RECORDERS, hi fi camponents, topos. Un-usual values. Free catalog. Dressner, 69-02K, 174 St., Flusting 65, N. Y.

HIGH FIDELITY Nos. 1-57, mint condition \$30. Postage extro. S. E. Littauce. 280 First St., Mineola, N. Y. .

6 ELEMENT BROAD BAND FM antennas. All seam-less aluminum. \$10.95 ppd. Wholesale Supply Co., Lunenburg, Mass.

WHOLESALE CATALOG 10¢. Recorders! Tapes! Typewriters! Radios! Towers, Box 155, Philadelphia S, Pa.

UNHAPPY WITH "HI" hi-fi prices? So alright alroady ... Write alroady. Key Electronics Co., 120 Liberty St., New York &, N. Y. EVorgreen 4-6071.

LEARN WHILE ASLEEP with your recorder. Amux-ing Book gives full instructions. \$2.00. Guaran-read. Research Association, Box 610-HF, Omaha, Nebr.

. CANADIAN HI-FI speaker system kits, superb performanco, complete including famous British loudspeakor, pre-tinished. Lawest prices. Free brochure, Radius Ca., P. O. Box 349, Dunnvillo, Ont., Canada.

DO YOUR CHRISTMAS shopping by mail Write for information on unique mail arder plan that offers professional advice and low prices. Hi-Pi Haven, 28 Easton Ave., New Brunswick, N. J. .

SELL: Scatt 99A; Components Jr. (33%) turntablo, Fairchild 280A arm, on walnut base. Kushen, 63-61 99th Street, Forest Hills 74, New York, TW6-3192

HIGH FIDELITY, issues 1-58, highest blidder, Edwin Levy, 4409 Kensington Ave., Richmond 21, Va. .

A BRILLIANT FUTURE and good life in exchange for a personable, knowledgeable hi-fi technician-salesman to enter partnership with record special-ist in Hi-fi and Record Shop in wealthy, progres-sive, San Juan, Puerta Rico. Write Box TK, The Publishing House, Gt. Barrington, Mass.

WILL PAY TOP PRICE for REL Precedent Tunor. C. V. Cooper, Box 230, Aurora, Ill. . -

TAPE RENTALS — Smart hi-fi operators are renting the world's finest pre-recorded tapas from us, at reasonable rates. For details, price lists, and in-troductory rental, send 52.00 for National Rent-A-Tapa Co., Drawer 1, Winnetka, 10.

HIGH FIDELITY Nos. 1-58, mint condition, \$35.00 F. A. Fisher, 188 Woodlawn Ave., Pittsfield, Mass.

BIG SAVINGS on Hi-Fi, speakers, components, omplifiers and tuners, tope recorders, alc. Write for Individual quotations on your specific needs. Classified Hi-Fi Exchange, HF, 2375 East 65 St., Brooklyn 34, N. Y.

#### BEST RECORDS

#### Continued from page 162

satiable, and there has been a goodly output directed toward them this year. If the doctor somehow still doesn't have a Marriage of Figaro, he may like the lively new Epic recording (sc 6022), particularly Paul Schoeffler's well-sung, well-acted Count. Even if he has an Abduction from the Seruglio, he will gladly discard it in favor of Sir Thomas Beecham's production for Angel (3555 B). Vanguard's Serenata Notturna and three divertimentos by the Solisti di Zagreb (482) also will win a place for itself on Dr. Syndrome's five-foot Mozart shelf and, if choral music is to his taste, he will welcome the collection of sacred music on London LL 1590, particularly the Ave Verum Corpus, sung with ecclesiastical fervor (and echo, 100) by the Strasbourg Cathedral Choir.

Miss Cornucopia, the high-school French teachet, makes a summer pilgrimage to Paris and is on her way to becoming a Gallic specialist in records. This Christmas she will get several copies of Molière's Le Bourgeois Gentilhomme, with music by Lully (London A 4300), and yours might as well be one of them. As an alternative, there is London's complete recording (A 4220) of L'Arlésienne - Dauder's play no less than Bizet's music. Other possibilities include the new Pelleas et Mélisande (Angel 3561 C/L). And since Miss Cornucopia is the kind of French teacher who likes to be an courant, try her on Stravinsky's Perséphone (text by André Gide) conducted by the composer on Columbia ML 5196.

For churchgoers in the family - and there is a surprising number of them this time of year - London has a tailor-made continuing series of Gregorian Chants by the monks of the St. Pierre de Solesmes Abbey. The latest five-record album ( $\Lambda$  4501) should pacify a Gregorian-chant lover for quite some time.



Mendelssohn's Elijab is a bit on the Victorian side, but Angel has recorded it very nicely (35455/7), and Dietrich Fischer-Dieskau leads the way through a handsome Brahms Requiem on RCA Victor LM 6050. If you'd rather give something more cheerful - and who could blame you? - Purcell's Ode for St. Cecilia's Day will make a joyous noise the year 'round. (Vanguard-Bach Guild 559).

You may be unfortunate enough to have a neighbor like Lucifer Throgmorton, who fancies himself a vocal con-

HIGH FIDELITY SPEAKERS REPAIRED, Amprite Speaker Service, 70 Vesey St., N. Y. 7 BA, 7-2580. TAPE RECORDERS: hi-fi components, topes at wholesale prices! Free catalogue. Constan, 215-H E. 88 St., N. Y. C. 28.

SALE: 78 R.P.M. RECORDINGS. Send stamped, addressed envelope for first list. Raritles. Ellie Hirschmann. P.O. Box 155, Verona, N. J.

FREE MONTHLY HI FI BULLETIN. Write for quota-tions on any companents. Sound Reproduction, Inc., 34 New St., Newark, N. J. Mitchell 2-6816.

# HELP YOUR HEART FUND



HELP YOUR HEART





The hush of an empty church, even though the synchronous motor is running – this is the Commisseur, crafted in traditional English quality. Precision machining assures pure sound reproduc-tion. Non-magnetic,  $12^{\circ}$  lathe-turned table; pre-cision ground spindle; phosphor bronze turntable hearing;  $\pm 28^{\circ}$  variation provided for all 3 speeds; hystografs motor. hysteresis motor. \$110.00

**TURNTABLE:** Rumble—better than 50 db down; Wow—less than 0.15% of rated speed; Dimensions: 13½x16½".

PICKUP: Frequency Response - 20-20,000 cps ±2 db at 33 ½ rpm; Effec-tive Mass-4 mg; Impedance-400 ohms at 1000 cps.

"Dynabalanced" tone arm with Mark II super-lightweight pickap w/diamond stylus

\$49.50 C w/sapphire stylus \$34.50 Write today for literature.

ERCONA CORPORATION (Electronic Division) 551 Fifth Ave., Dept. 20, New York 17. N. Y. In Canada: Astral Electric Co. Ltd. 44 Danforth Road. Toronto 13

noisseur. When you stray into his home he plays you battered 78-rpm records made in ages past by singers you never heard of. Their names don't matter much, anyhow, because you can't make out their voices through the surface scratch. Throgmorton will tell youand you will agree - that they don't make singers like that any more. If you think it's worth taking a chance, you might leave RCA Camden's The Art of Rosa Ponselle (CBL 100) on his front porch and run for it. Or you might possibly risk having him set fire to your house by introducing him to two promising new sopranos, both on the London label, Anna Cerquetti (LL 5247) and Virginia Zeani (LL 5289).

Cousin Nellie, who is much addicted to musical shows, is a more complicated problem this year than last, when all you had to do was slip her her fourth copy of My Fair Lady. So far this year the Broadway crop has been rather undistinguished, so why not dip into the past with Ella Fitzgerald's wonderful Rodgers and Hart Songbook (Verve 4002) or Ella and Louis (Verve 4003), the Louis being the Louis - Armstrong. If Nellie doesn't mind the music without the words, she's a natural for Andre Kostelanetz's Columbia Album of Richard Rodgers (C2L3). If she is a woman of broad tastes, she will find the collection of raffish songs sung by Lou Carter under the title of Louie's Love Songs pleasantly recherché (Golden Crest CR 3010).

Buster likes modern music. And to Buster, modern means modern. So his Christmas prescription is the complete works of Anton Webern, enshrined on four Columbia records (K4L 232). If that doesn't satisfy him, let him break his teeth on *Musique Concrète* (London DTL 93121). After that, Buster is your business.

Now, how about little Angus, who is eight years old and whose interest in the phonograph is just beginning to bud? His principal hi-fi pastime is playing records at the wrong speed, or putting crasers on the turntable to see how far they spin before they fly off. But you can't omit Angus from your list; he has too many ways of getting back at you. For him Columbia has a bright new Peter and the Wolf, with Cyril Ritchard the narrator and Eugene Ormandy the conductor (ML 5183). On the reverse is Britten's Young Person's Guide to the Orchestra, which may be something that Angus will grow into, however doubtful it seems at this writing.

Angus' kid sister will be blissfully happy with the Songs for All Ages sung by Burl Ives on Columbia CL 980, ditties about little white ducks, lollipop trees, and the like. Or if you prefer to send the kids off on a cultural kick, try

Continued on next page

# THE FRAZIER New Yorker...

DESIGNED TO BRING LIFE-LIKE QUALITY IN WIDE RANGE



New plateau in hi-fil Living sound... from the Frazier New Yorker. A true exponential horn with 20-cycle taper rate... folded to house compactly the amazing 202" air column. With an extension of frequency response (30 to 17,000 cycles) which picks up bass notes as low as 20 cycles and soaring string notes... without coloration or "hangover." Even pinno and tympani reproduce unbelievably life-likel

Heavy copper coils and paper condensers are used in the network. Cabinets in dark mahogany, fruitwood-finished mahogany, blond Korina, walnut or ebony. 200 lbs. shipping weight.  $48^{\circ} \times 26^{\circ} \times 16\%^{\circ}$  (front to back). Write for nearest dealer:

International Electronics Corporation

P. O. BOX 13302

2649 BRENNER OR.

DALLAS 20. TEXAS

The New Yorker crosses over at 800 cycles, using 12DB per octave.





#### BEST RECORDS

#### Continued from preceding page

French Folk Songs for Children (Folkways PP 708), in which Alan Mills introduces the small fry to such Gallic delights as Sur le pont d'Avignon and Alouette. Mr. Mills sings the same songs in English on Folkways PC 7018; comparing the two discs should help keep a thoughtful youngster busy from this Noel to the next.

Spoken records require almost as much thought these days as musical records; there are almost as many of them. By craftily considering the best interest of the recipient, you come up with RCA Victor's Old Vic Hamles (LM 6404) for Uncle Reawick, the amateur actor of the family, and Caedmon's Cambridge Treasury of English Prose (TC 1054/58) for Dorrie, who is majoring in lit. at Vassar. Similarly, your eldest son gets Dr. Watson Meets Sherlock Holmes (London LL 1560) in the vain hope that he will thereby be induced to read the stories that were the delight of your youth. And old newspaper men or other curmudgeons you may know will take a grim delight in the sallies of the late H. L. Mencken contained on two LPs which can be ordered from the Library of Congress Recording Laboratory in Washington (PL 18/19).



# WILL SHORTLY PRESENT

the newest advance in Hi-Fi Kits...the perfectly matched Companion to the Superb PERI-50 Amplifier...the

PERI PRE-AMPLIFIER Featuring...deep etched circuitry...NO WIRING for continuous laboratory performance.

- ... a completely remote power supply.
- ... outputs for phono and tape head.
- ... four AC switched and fused outlets. separate turnover and
- rolloff controls. ... front mounted level and
- contour controls. ... tone controls - bass
- and treble.

## WATCH FOR THE NEW PERI PRE-AMPLIFIER PRINTED ELECTRONIC RESEARCH INC. 4212 Lankershim Bird. • Morth Hottywood, California



Bay it . . . try it . . . . teo hack chaims with a money back guarantee. At all bi-fi dealers. ERCONA CORPORATION (Electronic Div.) 551 Fifth Ave., Dept. 21, New York, N. Y.

In Canada: Astral Eloctric Co. Ltd. 44 Danforth Road, Toronto 13

If none of these is tailor-made for your customers, either of two other spoken records should find a universal welcome. On Expériences Anonymes EA 0025, Morris Carnovsky reads the Psalms of David both in English and Hebrew without undue dramatics or ministerial cadences. And on Caedmon TC 1075, Boris Karloff delivers himself of Browning's The Pied Piper of Hamelin and Lewis Carroll's The Hunting of the Snark with contagious zest. The Snark, a masterpiece of zany poetry, is particularly delightful; make sure the one you give it to lives near enough to invite you over for a listen.

If you want Jane, the baby sitter, to keep you as her No. 1 Saturday night client, you'd better give her either Frankie's Adventures of the Heart (Columbia CL 953) or Harry's An Evening with Belafonte (RCA Victor LPM 1042). And if Jane likes to bring her boy friend Bill along for dancing, better see to it that she has something like The Sweetest Music This Side of Heaven, the Guy Lombardo magnum opus on Decca DX 154. Expensive, but a good baby sitter is worth her weight in vinyl.

That leaves your wife. Well, your wife is your problem, as your friends undoubtedly have told you already. Perhaps you have one of those legendary wives who likes the same kind of records you do. Such a creature was once reported to exist in the hills near Pittsfield, Mass., but a team of investigators discovered that she was an amiable, hardworking woman who happened to be stone deaf.

So, assuming you have the kind of wife that almost every record collector has, you can be sure she'll want a little token of affection all her own. Strauss waltzes might be a reasonable solution, either the dances assembled by Anton Paulik and the Vienna State Opera Orchestra on Vanguard 498, or Fritz Reiner's collection on RCA Victor LM 2112, handsomely illustrated with photographs. These records may remind your wife that it has been ten years since you took her dancing, but these are the gambles of life.

Who is left? You, that's who. There you stand beside the tree, surrounded by happy faces, your spirits lifted by the joyousness of your loved ones, your pockets lightened by the emptiness of your wallet. You cheerfully toss your Schwann Catalog, marked up beyond recognition, on the yule log, and the flames leap up merrily. Some one switches on the hi-fi set. At last! The turntable spins in a silvery whirl. The amplifier tubes glow brightly. The speaker scems to beam. Here it is the record you've been waiting for, their gift to you! "Jingle bells, jingle bells, jingle all the way ----"

Just what you wanted. Merry Christmas!



#### HIGH FIDELITY MAGAZINE INDEX - 1957

#### SEMIREGULAR REGULAR AND FEATURES Adventurers in Sound As the Editors See It Audio Forum Books in Review Building Your Record Library Dialing Your Discs Discographies (see Music and Records) Jackets by Rodrigues Letters Music Makers Noted With Interest Notes from Abroad On the Counter Records in Review Tape Deck Tested in the Home (Indexed in this issue) GENERAL ARTICLES AND SPECIAL

#### FEATURES (Listed Alphabetically by Anthor) Alpert, Hollis: These Men Shape Your Listening Dec: p. 44 Berger, Arthur: A Census Every Mooth Feb: p. 38 Breuer, Gustl: Tosca, Jericza, and Me Dec: p. 56 Craft, Robert: The Composer and the Phonograph June: p. 34 De Menasce, Jacques: Sour Notes on a Basset Horn Oct: p. 62 Fried, Irving M.: Sanity Fair July: p. 34 Heinsheimer, H. W.: Aroint Thee, Obtrusive Melody! Jan: p. 62 Juko, Thomas J.N.: The Muse in Summer Dress July: p. 30 Krokover, Rosalva: The Pirrs

Krokover, Rosalyo: The Pitts	-		
burgh Symphony Orchestra	Feb:	p.	34
Kupferberg, Herbert: Christm	93	-	
	Dec:	р.	50
Lieberson, Goddard: The			
Insider	May:	p.	34
London, George: Prima Donn	as		
I Have Sung Agaiost	Mar.	p.	43
London, Sol: Is Opera Fair to			
Doctors?	Apr:	р.	46
London, Sol: The Audacious	_	-	
Oculist	Nov:	p.	56
Marsh, Robert Charles: Analy	st		
of the Muse	May:	p.	45
Mayer, Martin: Come,			
Josephine	Sept:	р.	47
Mayer-Serra, Otto: The Durab	le		
Diskery of Podbielskistrasse		p.	64
McCollum, John: The Wonda	nhi		
Rotary Singing Coach		р.	46
Mitropoulos, Dimitri: Jazz in		•	•
Musical Évolution	Aug:	D.	35
Pickering, Norman: The			
Natural History of the			
Orchestra	Nov:	p.	44
Pleasants, Henry: The Beat-		•	••
A New Dimension?	Aug:	D.	36
Schmitz, Robert L.: Euterpe in	n - C	<b>r</b> .	-
the Parking Lot	Aug:	<b>D</b> .	30
Schonberg, Harold C .: Halls,		<b>F</b> .	57
Hallowed and Acousticized		D	52
Schopenhauer, S. Strindberg:	,	τ.,	32
The Infidelical Sponse	Mar	n	49

Sheean, Vincent: Television Opera Really Sends Italians Dec: p. 52 - To Bed! Weaver, William: A Look of Youth for a Ripe Old Art Nov: p. 50 Wilson, John S.: Forty Years in the Groove Feb: p. 44 Wilson, John S.: The Hot Parade Apr: p. 43 Wrathall, A.R.P.: The Great Highland Bagpipe Jan: p. 55 Wright, Sylvia: Excuse my Dust, Donizetti Sept: p. 50 PICTURE AND CARTOON FEA-TURES Kalischer, Clemens: I Virtuosi

di Domani Aug. p. 42 Kirstein, Lincoln: Stravinsky: Pictures from an Album June: p. 36

#### HIGH FIDELITY SOUND REPRO-DUCTION (by Authors)

DUCTION (by Ausbors)			
Allison, Roy F.: New Directions in High	-		
Fidelity	Dec:	р.	47
Burstein, Herman: Going Stereo Crowhurst, Norman H.: Is	Nov:	p.	53
There Anything Phony Ab	310		
Stereophony?	Jan :	p.	57
Gerhardt, Chuck: The			
Recording and Reproduction	on		
of Space	Mar:	p,	<b>4</b> I
Hoke, John: Over Hill		-	
and Dale	July:	p.	81
Holt, J. Gordon: True or	• •	-	
False?	Aug:	р.	44
LeBel, C.J.: Tape or Disc?	0 <del>.</del> ;		
Newitt, John: Hi-Fi		-	-
Primer I	Sept:	p.	52
Newitt, John: Hi-Fi	-	-	-
Primer II	Oct:	p.	169
Newitt, John: Hi-Fi		-	
Primer III	Nov:	р.	135
Newitt, John: Hi-Fi		-	
Primer IV	Dec:	p.	129
Tape		-	
Tall, Joel: The Music			
Menders	Apr:	D.	49
Tall, Joel: How to	r	<b>2</b>	
Splice a Diphthong	May:	p.	37
, , , , ,		<b>x</b> .	

#### PERSONALITIES AND BIOGRAPH-ICAL SKETCHES (Alphabetically by subject)

ICAL SKETCHES (Alphabesically by subject)
Bauer, Roberto: Treasurer of the Golden Age, by
Philip L. Miller Jan: p. 60
Boult, Sir Adrian: The Quier
Knight, by Andrew Porter Apr: p. 40
De Falla: Manuel de Falla and
the Spirit of Spain,
by Walter Starkie July: p. 26
Elgar: Pomp and Poetry,
by Gerald Abraham June: p. 44
Farrar: Geraldine the Great,
by Edward Wagenknecht July: p. 36
Holloway, Stanley: A Frame
for Smalley Holloway, by
Charles Burr Apr: p. 52
Horowitz: Manhattan Holiday,
by John Pfeiffer Oct: p. 59

Markevitch: Markevitch In Transit, by Herbert			
Kuplerberg	May:		10
McCormack, John: I Rememb		<u>بر</u>	42
John McCormack, by	~		
Max de Schauensee	Feb:	n.	AT
Paneyko, Mirko: Music for		Γ.	
Millionaires, by Fritz A.			
Kunner	Sept:	р.	55
Stravinsky: Fifteen and Three		Ε.	"
Score, by Nicolas			
Nabokov	June:	р.	33
Stravinsky: The Record of a	-	•	
Self-Interpreter, by			
Alfred Frankenstein	June:	p.	42
Tebaidi, Renata: Portrait of		-	
Model Prima Donna, by			
Francis Robinson	Nov:	p.	48
Toscanini: Ninety Years of			
Arturo Toscanini, by			
Vincent Sheean	Mar:	р.	38
Von Karajan: The Operator,	-		
by Paul Moor	Oct:	p.	52

#### POEMS

Alexander, K.A.: Phonophile's Garden of Verses Leviant, Curt: Tanglewood: A	May:	p.	40
• • • • • •	July:	p.	30
RECORDS			
Building Your Record Libr	ary		
Toscanini: To Illustrate the Toscanini Repertoire, by	-		

## Robert Charles Marsh Mar: p. 65

DISCOGRAPHIES (listed by Composer)

Beethoven: Symphonies Reconsidered, C. G. Burke			
De Falla: A Selective Dis-	Jan:	p.	95
cography, Robert Charles Marsh	July:	p.	63
Franck: César Franck on Microgroove, Paul Affelder	Mar:	p.	93
Jazz Pianists on Microgroove, John S. Wilson	Aug:	p.	65
Mahler: Mahler Discography Historical Principles, Robe	rt		
Charles Marsh Schumaon: Orchestral and	May:	p.	81
Chamber Music, Harold C. Schonberg	Dec:	p.	103
BOOKS REVIEWED (liste	d by A	mp	ors)
Bacharach, AL.: Music Masters, Vol. 1 Bacharach, A.I.: Music	Sept.	p.	
Masters, Vol. 1 Bacharach, A.L.: Music Masters, Vol. 4	Sept. Nov:		35
Masters, Vol. 1 Bacharach, A.L.: Music Masters, Vol. 4 Barleben, K.A.: Ribbons of Sound	Nov: May:	p.	35 39
Masters, Vol. 1 Bacharach, A.L.: Music Masters, Vol. 4 Barleben, K.A.: Ribbons of Sound Boalch, D.H.: Harpsichord as Clavicbord Makers,	Nov: May: nd	p. p.	35 39 107
Masters, Vol. 1 Bacharach, A.L.: Music Masters, Vol. 4 Barleben, K.A.: Ribbons of Sound Boalch, D.H.: Harpsichord an Clavicbord Makers, 1440-1840 Boyce, W.F.: Hi-Fi Handbook	Nov: May: nd Sept. Oct:	р. р. р.	35 39 107 38
Masters, Vol. 1 Bacharach, A.L.: Music Masters, Vol. 4 Barleben, K.A.: Ribbons of Sound Boalch, D.H.: Harpsichord an Clavicbord Makers, 1440-1840	Nov: May: nd Sept. Oct: On July:	р. р. р. р.	35 39 107 38 49

Busoni, F.: The Essence of Munic Nov: p. 36

Continued on page 170





## SPECIAL MONEY-SAVER

COMBINATION PK-225 Turntable, PK-90 12" Tono Arm, New GE VRII Series Triple-Play Cortridge Model 4G-052 with Genuine GE Diamond and Sepphire Styli, SPECIALI .....Net 81.50

# Lafayette Introduces

A Professional Recorder At A Moderate Price

# The Tancordex Stereo Recorder

- 3 MOTORS FOR DRIVE, FAST FORWARD AND REWIND
- 3 SHIELDED HEADS FOR RECORD, PLAYBACK AND ERASE FREQUENCY RESPONSE 40-15,000 CPS

  - FLUTTER AND WOW LESS THAN 0.17% BUILT-IN BINAURAL PLAYBACK PREAMPLIFIER
- FOR BOTH BINAURAL AND MONAURAL RECORDING AND PLAYBACK

PLAYBACK Lafayette proudly presents the TANCORDEX stered recorder and playback deck designed for both stored-phonic and monaural use. It is a precision-built twin-track mechanism with extremely close toleronces in all bearings and thafts, and mounted an a non-magnetic stored plate. Three Powerful capacitor induction motors provide stabilized aperation for drive, fast forward and rewind. Magnetic brakes insura safe, fast stops on all positions. An austanding feature is the extraordinary quality of the fine-gap low impedance heads. The recording head is double sthelided by permalloy, the playback head by permalloy and copper. Features simple, positive push-button and lever switch operation. The tope guides are auto-matic switches to turn the motor off when the real runs out ar if the tape is occidentally disengaged or broken. Topo speed is 71/3 1.P.S. and real size 7" maximum. Attains full speed in .3 sec; Normal to stop in .5 sec; Fast forward or rewind requires 45 seconds for 1200' - 7" real and stops under 2 sec. Recording is a basic power amplifier and speaker (1 for monaural, 2 for binaural); for monaural recording amplifier less the bias oscillator. The TANCORDEX tape deck comet completely mounted in a finely finished cobine having a removable lid and which disa contains the binaural 2 channel pre-amplifier. Size 251/3 x 153/4 x 12". Shep, wt., 75 tbs. TANCORDEX Model Y—In Blanda ar Mahagany Finish (Snerily)

TANCORDEX Model V-In Blanda at Mahagany Finish (Specify) .....Net 495.00

PROFESSIONAL TURNTABLE WITH HYSTERESIS-SYNCHRONOUS MOTOR The Lafayette Model PK-225 is a true hysteresis-synchronaus motor and is free from speed variations due to fluctua-tians In line voltage, toad and temperature. It is the smoothest type known, completely free from "cogging" (the minute variations of speed which show up as wow and flutter)!

ONLY LAFAYETTE'S HYSTERESIS—SYNCHRONOUS MOTOR, in its price class, is made to extremely fine toler-ances (on the order of .00001 inches)! Only Lofayette's motor has 16 cores; a high Dermobility rotar magnet, ball thrust bearings, olitic sleave bearings plus felt oil reservoir, cooling fins as an integral port of the rotar and a holiow rotar core for maximum efficiency and minimum heat. Only Lefayette's motor can be ailed from above, without dises-sombly, through a unique oil feed system. Only Lafayette's motor has a self-aligning armature.

sembly, through a unique oil feed system. Only Lafayette's motor has a self-aligning armature. Here's THE turntable—the last word in professional high-fidelity performance! A fine precision instrument in every sense. Just look at some of those OUTSTANDING FEATURES: WOW AND FLUTTER: Less than 0.2% • TURN-TABLE: Heavy, diecast aluminum. Lathe-turned for perfect balance and concentricity. 12" diameter—weighs approx. 4 Ibs. and provides amazingly constant speed; the axtra-heavy tim acts just like a flywheal to prevent speed variations • TRUE-HYSTERESIS-SYNCHRONOUS MOTOR:For smooth, low-noise, wow- and flutter-free operation • RUM-BLE: AND NOISE: Soldb balaw avarage recorded lavel • INTEGRATED SPEED CONTROL: For all 3 speeds— 78, 45 and 33½ rpm • 2 OVERSIZE, HEAVY DUTY IDLERS: Precision-ground; provide pasilive constant-toed im drive • SINGLE BALL THRUST BEARING: Turntable rides smoothly over ball bearing flaating on thin film of oil • FREE FLOATING, SHOCK-MOUNTED MOTOR • RUBBER CUSHION SHOCKMOUNTS • AUTO-MATIC IDLER DISENGAGEMENT • CORK AND RUBBER MAT • STAINLESS STEEL PRECISION SINDLE • POWER REQUIREMENTS: for 103:10 valis, 60 cps AC; drows 16 V.A. • ACCESSORIES SUPPLIED: 45 RPM adaptor, Strope disc • SIZE: 2½" abave and 4" balaw motor board; 14½" deep x 12½" wide • SHIPPING WEIGHT: 16 ibs. Dutys Woodbate for RY-23 and 12" form Arm (Sacily Finish) Shap wit 12 lbs. New 14 QS

Deluxe Woodbase for PK-225 and 12" Tone Arm (Specify Finish). Shpg. wt., 13 lbs..... .....Net 14.95 LAFAYETTE MODEL PK-225 Net 64.50

#### VISCOUS DAMPED TRANSCRIPTION TONE ARMS



LAFAYETTE DELUXE HI-FI "MUSIC MATES" **FM-AM PHONO SYSTEM** 







## World's most powerful FM Broad band yagi

Unsurpassed for very long distance fringe reception, with 300 mile reception not unusual. Outstanding performance and incomparable constructional design make the FMQ Super-Special the ultimate for FM reception.

To be fully informed, send 25¢ for book "Theme And Variations" by L. F. B. Carini and containing FM Station Directory.



APPARATUS DEVELOPMENT CO. Wethersfield 9, Connecticut

Continued from pag	e 168		
Calvocoressi, M.D.: Modess	Ame		10
Alussorgsky Clason, W.E. (ed.): Elsevier's Dictionary of Cinema Soun	Apr.	р.	30
and Music in Six Languages	μ Aug:	Π.	70
Clough F.F. and Cumiog G.J.: World Encyclopaedia of		p.	12
Recorded Music, Third Supp ment, 1953-1955	Aug:	p.	79
Colebrook, F.M.: Basic Mathe matics for Radio &			
Electronics Colles, H.C.: The Growth of	Nov:	<b>P</b> •	36
Music	Mat:	<b>p</b> .	25
	July:	p.	75
Corredor, J.Ma.: Conversation with Casals	r June:	p.	26
Coyne Electrical School: Coyn		1	
Crowhurst, N.H.: Under-			
standing Hi-Fi Circuits D'Alvarez, M.: All the Bright	Oct:	p.	43
Dreams De Courcy, G.I.C.: Paganini,	Jan:	p.	40
Genoese	Nov:	p.	32
Dexter, H. and R. Tobin: Pocker Encyclopedia of			
Music Downes, Irene (ed.): Olin	Sept:	р.	36
Downes on Music	May:		
Eaton, Q.: Opera Caravan Ewen, D.: Panorama of	Sept.	р.	38
American Popular Music Feather, L.: Encyclopedia Yea	Scpt.	p.	38
book of Jazz	Feb:	p.	23
Galpin, F.W.: Textbook of European Musical Instru-			
ments: Their Origin, Histor and Character	y, Feb:		
Gelatt, R.: (ed.): High Fide	lity		
Record Annual 1956 Greene, I.: How 10 Plan and	Feb:	p.	30
Install Hi-Fi Systems Greene, I. and J.R. Radeliffe:	Nov:	<b>p</b> .	39
The New High Fidelity	0		
Handbook Grossman, W.L. and J.W.	Oct:		
Farrell: The Heart of Jazz Harmon, C.: Popular History	Feb:	p.	23
of Music	Mar:	p.	27
	Sept:	p.	38
Herman, S.M. (ed.): Hi-Fi Equipment Yearbook 1957	May:	p.	109
Herrzberg, R.: Electronics Handbook	May:	D.	107
Hinrichsen: Ninth Music Book	Jul:	÷.,	
Hodeir, A .: Juzz: Iss Evolusion	7		
and Essence Hodgson, D. and H.J. Bullen: How to Use a Tape	Nov:	р.	34
Recorder	May:	p.	107
	May:	p.	107
	Sept:	p.	38
Howard, J. T. and J. Lyons: Modern Music	Sept:	р.	35
Huncker, J.G.: Ivory, Apes,			
Hunter, J.L.: Acoustics	Sept: Oct:	р.	43
Kerman, J.: Opera at Drama			

**GENERAL INDEX 1957** 

Korn, R.: Orchestral Accents Feb: p. 31 Lawrence, R .: World of Opera Jan: p. 40 LeBel, C.J.: How to Make Good Tape Recordings Feb: p. 30 Leichentritt, H. (N. Slonimsky, ed.) : Music of the Western Nations Mar: p. 26 Lessing, L .: Man of High Fidelity Apr: p. 33 Longstreet, S.: The Real Juzz Feb: p. 23 Old and New Machlis, J .: The Enjoyment of Sept: p. 37 Music McProud, C.G. (ed.) : Andio Anthology III Mar: p. 32 Meyer, L .: Emotion and Meaning in Music Apr: p. 29 Morgenstern, S. (ed.): Composers on Music Mar: p. 30 Nerd, B.: Music In Primitiv Gulinro May: p. 112 Nettl, P.: Mozart and Masonry Sept: p. 37 Olson, H.F.: Acoustical Engineering Oct: p. 43 Panassić and Gautier: Guide Feb: p. 23 to Idzz Peltz, M.E. (ed.) : Introduction го Орега Jan: p. 42 Pidoll, C. (trans. Powell): Eroica: A Novel About Beethoven Nov: p. 31 Proctor, C .: Music Feb: p. 31 Redlich, H.F.: Alban Berg: The Man and His Music June: p. 28 Robertson, A. (ed.): Chamber Music Sept: p. 35 Rosenthal, H.: Opera Annual Mar: p. 31 Rosenthal. H.: Studies of Twenty-Five Opera Singers June: p. 30 Rüber, J .: Bach and the Heavenly Choir Apr: p. 34 Sacchi, F.: The Magic Baton: Toscanini's Life for Music Nov: p. 33 Sackville West, Shawe-Taylor et al.: Record Guide Supplement Mar: p. 31 Salter, L .: Going to a Concert July: p. 75 Shanet, H .: Learn to Read Music Nov: p. 36 Sheean, V .: First Love and Last Jan: p. 39 Silverman, W.A.: The Violin Sept: p. 38 Hanter Simon, H .: Festival of Opera June: p. 30 Stearns, M .: Story of Juzz Feb: p. 24 Stendahl: Life of Rossini June: p. 26 Stern, L .: Electronies Made Easy Jan: p. 48 Stoddard, H .: Sympbony Conductors of the U.S.A. Nov: p. 35 Tepfer, C. (ed.): 1957 Hi-Fi Guide and Yearbook May: p. 107 Terman, F.E.: Electronic and Radio Engineering Mar: p. 32 Tolces. T .: Creative Disciplines Sept: p. 38 Tovey, Sir D .: The Forms of Music Mar: p. 31 Upton, M.: Electronics for Everyone Oct: p. 48 Villdur, E.M.: Handbook of Sound Reproduction May: p. 111 Wilson, M.E.: How to Play by Ear Nov: p. 36 Wilson, P .: Gramophona Handbook May: p. 110 Zuckerkandl, V .: Sound and Symbol: Music and the

HIGH FIDELITY MAGAZINE

Apr: p. 29

External World



# ADVERTISING INDEX

#### Advertiser Key No. Page I.AMI, Inc. 8. Angel Records ...... Indexed on 68 9....Apparatus Development Co. .... 170 12 .... Audio Devices, Inc. Inside Front Cover 14....Audio Fidelity: Records Indexed on 68 16...Audiophile Records, Inc. Indexed on 68 17....Audio-Vision Co. 166 18. Barker Sales Company 161 19. Bogen, David, Inc. Back Cover 22. British Industries Corp. 42 23. Capitol Records ..... Indexed on 68 24. Carston Studios 166 25. Classic Electrical Co. 166 26. Collaro 28....Columbia Records .. Indexed on 68 29....Concord Record Corp. Indexed on 68 32. Connoisseur 164 35....Decca Records, Inc. Indexed on 68 36. De Wald Radio Mfg. Corp. .... 167 37....Dexter Chemical Corp. Indexed on 68 39....Dyer-Bennett Records Indexed on 68 43....Electro-Sonic Laboratories, Inc. 21 45....Elektra Records .....Indexed on 68 46... EMC Recording Corp. ..... 124, 125 32....Ercona Corporation ... 127, 164, 167 47....Esoteric Records ....Indexed on 68 48....Expériences Anonymes Indexed on 68 49....Fairchild Recording & Eqpt. Corp. .....

 32. Ferrograph
 127

 51. Fischer, Carl, Inc.
 166

 52. Fisher Radio Corp.
 60, 61

 33. Fleetwood Television
 30, 31

Continued on next page

the new the new **Bogen DB 130** 35 Watt Amplifier

TRADE IN

YOUR PRESENT HI-FI

EQUIPMENT for

#### 100 Watt peak

- Famous Bogen circultry
- Outstanding "Full Control" flexibility
- Beautiful modern compact design
- Outstanding hi fi value

\$115

#### BUY BOGEN AT AUDIO EXCHANGE AND TAKE ADVANTAGE OF AUDIO EXCHANGE'S UNIQUE SERVICES SUCH AS:

- Liberal Trade-Ins
- Attractive Time Payment Plan (Metropolitan N. Y. Customers Only)
- Expert Meticulous Hi Fi Consultants
- Famed Service Department (only for equipment bought from us)

Write Dept. HF-12 for our unique Trade-Back plan, Trading information and catalog.



DECEMBER 1957



## ADVERTISING INDEX

Advertiser

Continued from	breceding page	
Page	Key Adverti No.	ser Page
	100 Peck, Trevor, C	o., Ltd
ide Back Cover	101Pentron Corp	
	102Period Music Co. 103Pickering & Co.	DIndexed on 68
eakers156	104Pilot Radio Cor	p
	58Precision Electro	onics, Inc4
g Co145	105Prentice Hall, I 106Printed Electron	nc
	Inc.	ic Research,
C	Professional Dir	rectory
	32R & A Coaxial	-1-
	107RCA Custom	Indexed on 68
nic Corp166	108 RCA Victor Div	ision
e	Record Market	Indexed on 68 Indexed on 68
Indexed on 68	109Records in Revi	
nics	110Record Review	Index
onics Corp. 165	111Regency Divisio	Indexed on 68
c	112Rek-O-Kut Co.,	Inc
	113Rider, John F.,	Publisher161
	114Robins Industrie 26Rockbar Corp.	es Corp126
I	55Rockbar Corp.	
	115Santa Monica Sc 116Sargent-Raymen	
	117Schober Organ	Corp
Ltd24	118Schwann, W	Indexed on 68
es153	119Scott, Hermon I Inc.	Hosmer,
	120Sherwood Electr	ronic
Sound, Inc27	121Shure Bros., In	c
.Indexed on 68	122Smith, H. Roye	r, Co.
	123Sonotape Corp.	Indexed on 68
roducts Corp.	124Sonotone Corp.	
Indexed on 68	125 Sound Sales Ltd	·
Indexed on 68	126Stephens TRU-S 127Stere-O-Craft	127
onic Society	128Stereophonic M	usic Society
Indexed on 68	84Stereo Tape Exc	Indexed on 68
3 Co	1 29 Stromberg-Carls	
ry, Inc25	42Tech-Laboratori 130Terminal Radio	
Indexed on 68	131Thorens Co	
g Corp158	132Trader's Market 133'I'ri Cousti-Cone	place
and126	135Th Cousti-Cone	Corp157
	134United Speaker	System
Indexed on 68 Indexed on 68	135University Loud Inc.	speakers,
okshop163	136Urania Records	Indexed on 68
Corp	137Vanguard Reco	rding Society, Inc. Indexed on 68
oducts Co. 157	138 Vitavox Ltd	
nilips Co., Inc.	139Vox Production	s, Inc. Indexed on 68
	140 Weathers Indus	
ю.	141Westminster Re	cording Co.
Indexed on 68	142WFB Production	Indexed on 68
		Indexed on 68
	143World Radio La	

# New features for finest amplifier performance

With frequency response from 20 through 20,000 cycles, General Electric's new 20-watt Amplifier-Preamplifier brings you the smooth, clean response you demand in your High Fidelity sound system.

a-2

NEW

1

HALLAN CO FILLER

Check these features: (1) Phono input hum level below -55 db at full output; (2) overall distortion level of less than one percent at full output; (3) phono input sensitivity of five to six millivolts at full output; (4) accurate phono equalization, within  $1\frac{3}{4}$  db.

To achieve a very sharp low-frequency cutoff of 12 db per octave below 40 cycles, the new PA-20 incorporates an unusual L-C tuned circuit in its rumble filter. Rumble and sub-audio frequencies are filtered out with no appreciable effect on bass response.

So versatile that it fulfills every home Hi-Fi need, the PA-20 offers five separate inputs, three outputs



and seven different controls. Its modern leathergrain finish, extra size control knobs and gold brushed escutcheon are a handsome complement to its outstanding audio performance.

CYCLES PER SECO AMPLIFIER RESPONSE

PA-20 RESPONSE COMME

Ask for a demonstration of the new General Electric PA-20 at your Hi-Fi dealer's soon. Also be sure to hear the new G-E VR 11 magnetic cartridge.

	nic Components Dept.	
	West Genesee Street	
Auburn, N. Y.		
Please send me co	mplete specifications on the new G-E F	A-20.
Name		
Name		-
		-
Address		

# **BOGEN MEANS REALISM**



#### PR100A AUDIO CONTROL AND PREAMPLIFIER

You are looking at an instrument so flawless and versatile that it is far ahead of its time. It incorporates every feature you will ever need...now or in the future. For instance, the PR100A has eight inputs and two cathode-follower outputs. Ganged volume controls simultaneously regulate two channels so that you can add "stereo" whenever you wish. Push-button switches permit the instantaneous selection and level adjustment of all program sources. Distortion? Virtually unmeasurable. Frequency response? Beyond anything you could ever use. Chassis: \$119.50. Blonde or mahogany-finished enclosure: \$7.50. SPECIFICATIONS: Response: 10 to 100,000 cycles ±0.5 db. Front Panel Controls: High-Frequency Roll-Off (6 positions); Low-Frequency Turn-Over (6 positions); Phono Selector (2 positions); Bass: Troble: Low Filter (5 positions); High Filter (5 positions); Volume; Loudness Contour Selector (5 positions); Input Selector (6 push-button switches): Off, Monitor, Phono, Radio, Tape, Aux, Chassis Controls: Level Adjust for Phono, Tape, Tuner, and Auxiliary Inputs. Unique Tape Monitor operates while recording.

Write for complete catalog and/or send 25c for 56-page book "Understanding High Fidelity" to Dept. H-12.

David Bogen Co., Paramus, N. J. . A Division of The Siegler Corporation.



MANUFACTURERS OF HIGH FIDELITY COMPONENTS. PUBLIC ADDRESS EQUIPMENT AND INTERCOMMUNICATION SYSTEM WWW.americanradiohistory.com