

HEATH

July Flyer

7-19-50



Several new Heathkits are announced in this Flyer which is the first since March. A new Variable Power Supply Kit, a Resistance Decade Kit of laboratory precision and a new Television Sweep Generator are announced.

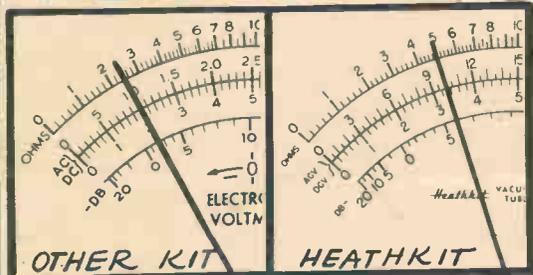
The Power Supply and Decade have been requested by a number of leading schools. (One school official ordered ten of them several months ago after seeing the first model.)

Schools are the largest users of Heathkits and this is to everyone's advantage--the schools buy in quantities and help us to keep prices down--further, schools demand the best in quality to withstand the hard usage of students and this means better equipment for everyone.

The new Television Generator is the natural result of the progress television is making. From the experience of making thousands of sweep generators (including equipment for several manufacturers), this new TV sweep generator was designed. There are dozens of new features and improvements and the assembly time has been reduced by at least one-third. Better check the features if you need one.

Heathkit VTVM

gives twice scale length



SIX RANGES FOR EACH FUNCTION
 3 VOLTS -10V.-30V.-100V.-300V.-1000V.
Complete COVERAGE
 24 RANGES IN ALL



Full SCALE RANGE OF 3 VOLTS MEANS ONE VOLT COVERS 33 1/3% OF SCALE INSTEAD OF ONLY 20% ON 5 VOLT TYPES... Nearly TWICE SCALE LENGTH

The new Heathkit Model V-4A Vacuum Tube Voltmeter has dozens of improvements. A new modern streamlined 200 microampere meter has Alnico V magnet for fast, accurate readings. The new electronic AC voltmeter circuit incorporates an entirely new balance control which eliminates contact potential and provides greater accuracy. New simplified switches for quicker assembly. New snap-in

battery mounting is on the chassis for easy replacement.

The Heathkit VTVM is the only kit giving all the ranges. Check them--DC and AC full scale linear ranges of 0-3V, 0-10V, 0-30V, 0-100V, 0-300V, 0-1000V and can be extended to 0-3000V and 0-10,000V DC with accessory probe at slight extra cost. Electronic ohmmeter has six ranges measuring resistance accurately from .1 ohm to one billion ohms. Meter pointer can be offset to zero center for FM alignment.

The DC probe is isolated for dynamic measurements. Has db scale for making gain and other audio measurements.

The new instruction manual features pictorial diagrams and step-by-step instructions for easy assembly. The Heathkit VTVM is complete with every part--110 Volt transformer operated with test leads, tubes, light aluminum cabinet for portability, giant 1/2" 200 microamp meter and complete instruction manual. Order now and enjoy it this entire season. Model V-4A. Shipping Wt. 7 lbs.

\$24.50

New 30,000 VOLT Heathkit PROBE KIT FOR VTVM



Beautiful new plastic high voltage probe adequate for all TV tests.

Properly designed out of plastic with large insulator rings for maximum protection. Can be used with any standard 11 megohm VTVM complete with PL55 type plug.

No. 336 High Voltage Probe Kit. Shipping Wt. 2 lbs.

\$5.50

DELIVERIES START IN AUGUST.



Heathkit R.F. PROBE KIT

No. 309 R. F. Probe Kit uses 1N34 crystal to measure R. F. voltages with Heathkit VTVM. Will measure accurately to 100 Mc. and give good indication to 250 Mc. Reads on regular DC scales. Shipping Wt. 1 lb.

\$6.50

*Hundreds of
Laboratories
use*

Heathkit IMPEDANCE BRIDGE *as standard*

Only
\$69.50



- *Measures inductance 10 micro-henries to 100 henries.
- *Measures resistance .01 ohms to 10 megohms.
- *Measures capacitance .00001 MFD to 100 MFD.
- *Measures "Q" and power factor.

Measures inductance from 10 micro-henries to 100 henries, capacitance from .00001 MFD to 100 MFD. Resistance from .01 ohms to 10 megohms. Dissipation factor from .001 to 1. "Q" from 1 to 1,000. Ideal for schools, laboratories, service shops, serious experimenters. An impedance bridge for everyone--the most useful instrument of all, which heretofore has been out of the price range of serious experimenters and service shops. Now at the lowest price possible. All highest quality parts. General Radio main calibrated control. General Radio 1,000 cycle hummer. Mallory ceramic switches with 60 degree indexing--200 microamp zero center galvanometer-- $\frac{1}{2}$ of $1\frac{1}{2}$ ceramic non-inductive decade resistors. Professional type binding posts with standard $\frac{3}{4}$ " centers. Beautiful birch cabinet. Directly calibrated "Q" and dissipation factor scales. Ready calibrated capacity and inductance standards of Silver Mica, accurate to $\frac{1}{2}$ of $1\frac{1}{2}$ and with dissipation factors of less than 30 parts in one million. Provisions on panel for external generator and detector. Measure all your unknowns the way laboratories do--with a bridge for accuracy and speed.

Internal 6 Volt battery for resistance and hummer operations. Circuit utilizes Wheatstone, Hay and Maxwell circuits for different measurements. Supplied complete with every quality part--all calibrations completed and instruction manual for assembly and use. Deliveries are limited. Model IB-1. Shipping Wt. 15 lbs.

New LABORATORY RESISTANCE DECADE KIT

\$19.50



Features

- * $\frac{1}{2}$ % Accuracy
- *Birch Cabinet
- *Ceramic Switches
- *Covers 1 ohm to 99,999 ohms.

The new Heathkit Resistance Decade is a handy tool for laboratory, school and service shop. Ideal for test setups, calibrating instruments, bridge measurements, selecting multipliers, etc.

Uses the finest Centralab ceramic switches, $\frac{1}{2}$ % ceramic decade resistors and heavy birch cabinet matching other laboratory equipment. The range is 1 ohm to 99,999 ohms in one ohm steps.

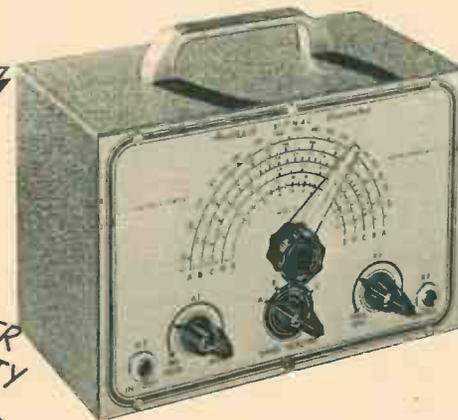
Finest quality throughout to withstand school usage--heavy aluminum panel--laboratory type binding posts--the fine decades are extremely simple to assemble--complete kit. Model RD-1. Shipping Wt 4 lbs.

*The essential
Instrument of
Service work*

Heathkit R.F. SIGNAL GENERATOR KIT

**6 to 1 MICROMETER TYPE
VERNIER DRIVE FOR
HAIRLINE ACCURACY**

**CATHODE FOLLOWER
OUTPUT FOR STABILITY**



**STABLE OSCILLATOR COVERS
150 KC to 34 MC WITH FUND-
AMENTALS... and HAS STRONG
CALIBRATED HARMONICS
TO OVER 100 MC...**

**400 CYCLE AUDIO MOD-
ULATION-PROVISION FOR
EXTERNAL MODULATION**

**A Quality
GENERATOR
FOR LESS THAN
A \$20.00 BILL**

The most popular signal generator has been vastly improved--the experience of thousands combined to give you the best. Check the features in this fine generator and consider the low price of \$19.50. A best buy for any shop, yet inexpensive enough for hobbyists. Everyone can have an accurate controlled source of R.F. signal voltage.

The new features double the value--think of being able to make fidelity checks on receivers by inserting a variable audio signal. Internal 400 cycle saw-tooth audio oscillator modulates R.F. signal and is available externally for audio testing. The new 6 to 1 ratio vernier drive gives hairline tuning for maximum accuracy in scale settings. The coils are already precision wound and calibrated. Uses turret type coil and switch assembly for ease of construction. The generator is 110V. 60 cycle transformer operated and comes complete in every detail--cabinet--tubes--coils--beautiful two color calibrated panel and all small parts--new step-by-step pictorial diagrams and complete instruction manual make assembly a cinch even for novices. Why try to get along without a signal generator when you can have the best for less than a twenty dollar bill. Better order it now. Model G-5. Shipping Wt. 7 lbs.

Only
\$19.50

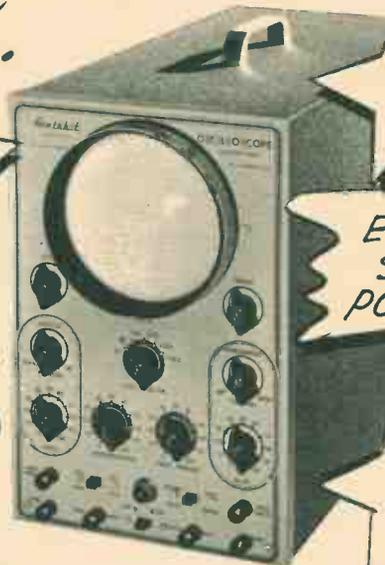
Only Heathkit **SCOPE KIT**

5" PUSH-PULL

has all these features...

*PUSH PULL
PENTODE AMPLIFIERS*

*Complete MAGNETIC
ALLOY C.R. SHIELD*



*LIGHT WEIGHT
ALUMINUM CABINET*

*ELECTROSTATICALLY
SHIELDED
POWER TRANSFORMER*

*Highest AMPLIFIER
GAIN .06 VOLTS RMS
PER INCH DEFLECTION*

- *The first truly television oscilloscope.
- *Tremendous sensitivity .06 Volt RMS per inch deflection.
- *Push-pull vertical and horizontal amplifiers.
- *Useful frequency range to $2\frac{1}{2}$ Megacycles.
- *Extended sweep range 15 cycles to 70,000 cycles.
- *New television type multivibrator sweep generator.

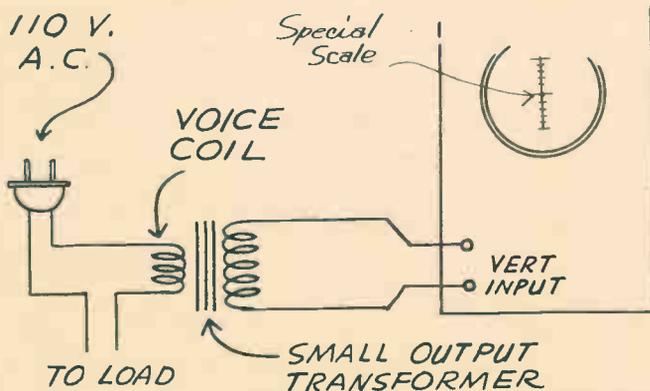
- *New magnetic alloy shield included.
- *Still the amazing price of \$39.50.

The new 1950 Push-Pull 5" Oscilloscope has features that seem impossible in a \$39.50 oscilloscope. Think of it--push-pull vertical and horizontal amplifiers with tremendous sensitivity only six one hundredths of a volt required for full inch of deflection. The weak impulses of television can be boosted to full size on the five inch screen. Traces you couldn't see before. Amazing frequency range, clear useful response at $2\frac{1}{2}$ Megacycles, made possible by improved push-pull amplifiers. Only Heathkit Oscilloscopes have the frequency range required for television. New type multivibrator sweep generator with more than twice the frequency range, 15 cycles to 70,000 cycles will actually synchronize with 250,000 cycle signal. Dual positioning controls will move trace over any section of the screen for observation of any part. New magnetic alloy CR tube shield protects the instrument from the outside fields. All the same high quality parts, cased electrostatically shielded power transformer, aluminum cabinet, all tubes and parts. New instruction manual now has complete step-by-step pictorials for easiest assembly. Model O-5. Shipping Wt. 25 lbs. Express shipment only.

Only
\$39.50

Use SCOPE as WATTMETER

The simple setup shown below allows any oscilloscope to be used as an AC wattmeter. If a special scale is calibrated and the gain control setting noted, it can be reconnected quickly and has many uses. The scale can be calibrated with a three-way floor lamp marking the point for 100 - 200 - 300 watts. Use gain control position allowing highest range desired to be full size trace. Transformers will give somewhat different trace than pure resistance load.



*Increase your
Scope usefulness
with*
Heathkit

ELECTRONIC SWITCH SQUARE WAVE GEN. KIT...

\$34.50

An electronic switch used with any oscilloscope provides two separately controllable traces on the screen. Each trace is controlled independently and the position of the traces may be varied. The input and output traces of an amplifier may be observed one above the other or one directly over the other illustrating perfectly any change occurring in the amplifier. Distortion, phase shift and other defects show up instantly, 110 Volt 60 cycle transformer operated. Uses five tubes (1 6X5, 2 6SN7's, 2 6SJ7's). Has individual gain controls, positioning control and coarse and fine switching rate controls. The cabinet and panel match all other Heathkits. Every part supplied including detailed instructions for assembly and use. Model S-1. Shipping Wt. 11 lbs.

*Service auto Radios
for more profit
with a . . .*

Heathkit BATTERY ELIMINATOR KIT

PROVIDES VARIABLE D.C.
VOLTAGE FOR ALL CHECKS

LOCATES STICKY
VIBRATORS-INTERMITTENTS



VOLTMETER FOR
ACCURATE CHECK

HAS 4000 MFD
MALLORY FILTER FOR
RIPPLE-FREE VOLTAGE

Even the smallest shop can afford the Heathkit Battery Eliminator Kit. A few auto radio repair jobs will pay for it. It's fast for service, the voltage can be lowered to find sticky vibrators or raised to ferret out intermittents. Provides variable DC voltage 5 to 7½ Volts at 10 Amperes continuous or 15 Amperes intermittent. Also serves as storage battery charger. Ideal for all auto radio testing and demonstrating.

A well filtered rugged power supply uses heavy duty selenium rectifier, choke input filter with 4,000 MFD of electrolytic filter for clean DC. 0-15V voltmeter indicates output which is variable in eight steps. Easily constructed in a few hours from our instructions and diagrams--better be equipped for all types of service--it means more income. Model EE-2. Shipping Wt. 19 lbs.

\$22.50

*A PRECISION
VOLT-OHM
MILLIAMMETER*

Heathkit HANDITESTER KIT

\$13.50

FEATURES

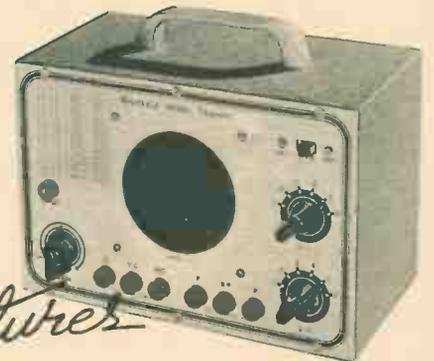
- *Beautiful streamline Bakelite case.
- *AC and DC ranges to 5,000 Volts.
- *1½ Precision ceramic resistors.
- *Convenient thumb type adjust control.
- *400 Microampere meter movement.
- *Quality Bradley AC rectifier.
- *Multiplying type ohms ranges.
- *All the convenient ranges 10-30-300-1,000-5,000 Volts.
- *Large quality 3" built-in meter.



The instrument for all--the ranges you need--assemble it in a matter of minutes--an instrument for everyone. Small enough to put in your pocket, yet a full 3" meter. Easy pictorial wiring diagrams eliminate all assembly problems. Uses only 1½ precision ceramic divider resistors and wire wound shunts. Twelve different ranges. AC and DC ranges of 10-30-300-1,000-5,000 Volts. Ohms ranges of 0-3,000 ohms and 0-300,000 ohms. Milliampere ranges of 10 MA and 100 MA. Hearing aid type ohms adjust control fits conveniently under thumb for one hand adjustment. Banana type jacks for positive low resistance connections. Quality test leads included. The high quality Bradley instrument rectifier was especially chosen for linear scales on AC. The 400 microampere meter movement comes already mounted in the case protected from dust during assembly. An ideal classroom assembly instrument useful for a lifetime. Perfect for radio service calls, electricians, garage mechanics, students, amateurs and beginners in radio. The only quality volt-ohmmeter under \$20.00. An hour of assembly saves you one-half the cost and quality parts give you a better instrument. Order today. Model M-1. Shipping Wt. 2 lbs.

New Heathkit SIGNAL TRACER & UNIVERSAL TEST SPEAKER KIT

Only
\$19.50



Features

- High SENSITIVITY
- Complete SET OF SPEAKER IMPEDANCES
- TESTS MICROPHONES & PA SYSTEMS.
- TESTS BOTH SINGLE & PUSH-PULL SPEAKER CIRCUITS

The popular Heathkit Signal Tracer has now been combined with a universal test speaker at no increase in price. The same high quality tracer follows signal from antenna to speaker--locates intermittents--defective parts quicker--saves valuable service time--gives greater income per service hour. Works equally well on broadcast--FM or TV receivers. The test speaker has assortment of switching ranges to match push-pull or single output impedance. Also test microphones, pickups, PA systems--comes complete--cabinet, 110V. 60 cycle power transformer--tubes, test probe, all parts and detailed instructions for assembly and use. Model T-2. Shipping Wt. 8 lbs.

New Heathkit

T.V. ALIGNMENT GENERATOR KIT

*NEW 2 BAND MARKER
19 to 75 MEGACYCLES*

*NEW SIMPLIFIED
CIRCUIT FOR EASY
CALIBRATION & ASSEMBLY*



*NEW BLANKING
CIRCUIT GIVES BASE LINE
FOR BETTER ALIGNMENT*

*NEW
VARIABLE OSCILLATOR
GIVES HIGH OUTPUT
FUNDAMENTALS ON
HIGH TV BAND...*

Only \$39.50 *Features*

- *New simplified calibration and assembly.
- *Blanking circuit gives reference baseline to trace.
- *New 2 band built-in marker covers 19 to 75 Mc.
- *New dual spider sweep motor for long life.

- *New variable oscillator gives high output on high band.
- *New standby switch keeps instrument ready for instant use.
- *New 6 to 1 slow speed drives on both master oscillator and marker tuners.

The new Heathkit TV Alignment Generator incorporates the new developments required for modern TV servicing. An absorption marker circuit covering all possible IF bands and even several of the RF bands. The new blanking circuit provides a base reference line which is invaluable in establishing proper traces. The new sweep motor incorporates dual spiders in the speaker frame assuring better alignment and long life. The mounting of the speaker sweep motor has been simplified for easy alignment.

The variable master oscillator covers 140 to 230 Mc. thus giving

high output fundamentals where they are most needed. Low band coverage 2 Mc. to 90 Mc.

A new step attenuator provides excellent control of output.

Planetary 6 to 1 drives on both oscillator and marker provides smooth easy control settings.

A standby position is provided making the instrument always instantly available.

Horizontal sweep voltage with phasing control is provided. No other sweep generator under \$100.00 provides all these features--comes complete with instruction manual. Model TS-2. Shipping Wt. 16 lbs.

Why guess about Condensers THE NEW Heathkit CONDENSER CHECKER KIT

*Will answer
your
needs*

\$19.50



FEATURES

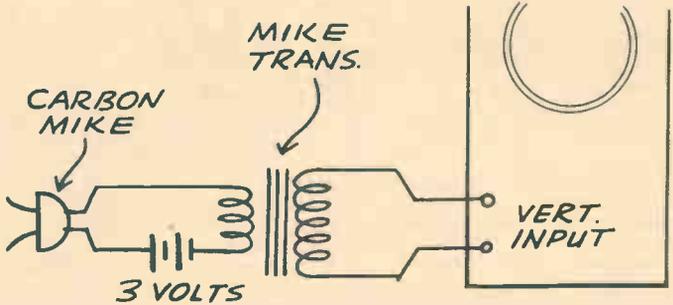
- *Power factor scale.
- *Measures resistance.
- *Measures leakage.
- *Checks paper-mica-electrolytics.
- *Bridge type circuit.
- *Magic eye indicator.
- *110V. transformer operated.
- *All scales on panel.

Checks all types of condensers over a range of .00001 MFD to 1,000 MFD. All on readable scales that are read direct from the panel. NO CHARTS OR MULTIPLIERS NECESSARY. A condenser checker anyone can read. A leakage test and polarizing voltage for 20 to 500 Volts provided. Measures power factor of electrolytics between 0% and 50%. 110V. 60 cycle transformer operated complete with rectifier and magic eye tube, cabinet, calibrated panel, test leads and all other parts. Clear detailed instructions for assembly and use. Model C-2. Shipping Wt. 7 lbs.

Observing VOICE OR MUSIC with OSCILLOSCOPE

Using a carbon microphone, voice or music can be observed and in the case of steady notes the frequencies can be identified.

By calibrating the screen, it can also be used as a loudness or applause indicator.

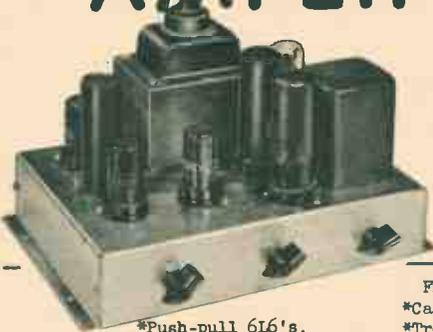


Flyer NOTICE

The Heath Flyer is mailed free to every Heathkit purchaser for a period of 18 months. Suggestions for Flyer articles are welcomed. If you have an interesting application for Heathkits, please send it in.

Enjoy music at its finest with Heathkit Amplifiers

New Heathkit
20 WATT HIGH FIDELITY
AMPLIFIER KIT



\$21.50

Model A-5A Amplifier with pre-amplifier for G.E. cartridges or microphone.....\$23.50
12" 20 Watt Speaker, No. 326.....\$ 7.50

FEATURES

- *Push-pull 6L6's.
- *Full 20 Watts output.
- *Fully enclosed chassis.
- *Provisions for reluctance pickup compensation stage.
- *Cased high fidelity output transformer.
- *Treble and bass boost tone controls.
- *Full range of output impedances 3.2 ohms to 500 ohms.

The finest amplifier kit we have ever offered--check the features. This inexpensive amplifier compares favorably with instruments costing five times as much. Nothing has been spared to provide the best reproduction--an ideal amplifier for the new Heathkit FM Tuner listed below.

Dual tone controls for control of both treble and bass. Bass control is of the boost type for maximum listening pleasure. Optional preamplifier stage for use with G. E. reluctance pickup or microphone. Uses inverse feedback to give excellent response over entire range. Tube lineup: 6SJ7 preamplifier stage, 6J5 phase splitter stage, two 6L6's in push-pull and 5Y3 rectifier. (6SC7 as optional compensation stage.)

Uses highest quality Chicago Transformer Corporation cased output transformer with taps of 3.2, 8, 15, 60 and 500 ohms to match any speaker combination. Power transformer is conservatively rated for continuous operation in sound systems. Tone control gives maximum bass boost of 6 db at 70 cycles. Amplifier has maximum gain of 75 db. Response within 3 db 20 to 20,000 cycles. Shipping Wt. 17 lbs. Complete with all parts, tubes and instruction manual. Model A-5.

Heathkit
ECONOMY 6 WATT PUSH-PULL
AMPLIFIER KIT



Only

\$12.50

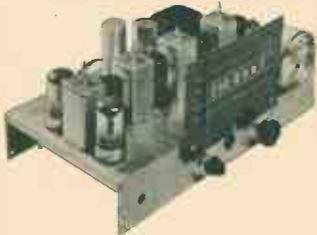
This new Heathkit Amplifier was designed to give quality reproduction at a very low price. Has two preamp stages, phase inverter stage and push-pull beam power output. Comes complete with six tubes, quality output transformer (to 3-4 ohm voice coil), husky cased power transformer and all other parts. Has tone and volume controls. Instruction manual has pictorial for easy assembly. Six watt output with response flat $\pm 1\frac{1}{2}$ db from 50 to 15,000 cycles. A quality amplifier kit at new low price. Better build one. Model A-4. Shipping Wt. 7 lbs.

NO 304
12 INCH
SPEAKER . . . \$6.95

Heathkit RECEIVER KITS for AM and FM

TRUE FM FROM
Heathkit

FM TUNER KIT



\$22.50

The Heathkit FM Tuner Model FM-2 was designed for best possible tonal reproduction. The circuit incorporates the most desirable FM features--true FM--ready wound and adjusted coils--3 stages of 10.7 Mc. I.F. (including limiter).

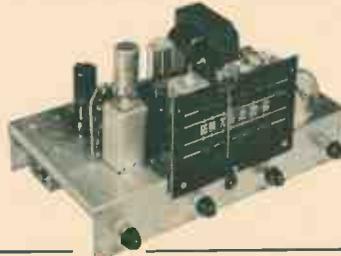
Tube lineup: 7E5 oscillator, 6SH7 mixer, two 6SH7 I.F. stages, 6SH7 limiter, two 7C4 diodes as discriminator, 6X5 rectifier.

The instrument is transformer operated making it safe for connection to any type receiver or amplifier. The R.F. coils are ready wound--mounted on the tuning condenser and the condenser is adjusted--no R.F. coils to wind or adjust.

A calibrated six inch slide rule dial has vernier drive for easy tuning. The finest parts are provided--ceramic mounted tuning condenser--dual iron core I.F. coils--cased power transformer and all ceramic bypass condensers. The kit is complete with all tubes, punched and formed chassis, transformers, condensers and complete instruction manual. Shipping Wt. 10 lbs. Model FM-2.

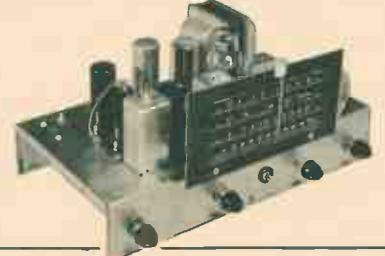
TWO High Quality Heathkit
SUPER HETERODYNE

RECEIVER KITS



Model BR-1 Broadcast Model Kit covers 550 to 1600 Kc. Shipping Wt. 10 lbs.

\$19.50



Model AR-1 3 Band Receiver Kit covers 550 Kc. to over 20 Mc. continuous. Extremely high sensitivity. Shipping Wt. 10 lbs.

\$23.50

Two new Heathkits. Ideal for schools, replacement of worn out receivers, amateurs and custom installations.

Both are transformer operated quality units. The best of materials are used throughout--six inch calibrated slide rule dial--quality power and output transformers--dual iron core shielded I.F. coils--metal filter condensers and all other parts. The chassis has phono input jack--110 Volt outlet for phono motor and there is a phono-radio switch on panel. A large metal panel simplifying installation in used console cabinets is included. Comes complete with tubes and instruction manual incorporating pictorials and step-by-step instructions (less speaker and cabinet). The three band model has simple coil turret which is assembled separately for ease of construction

New
LABORATORY

POWER SUPPLY KIT

*SUPPLIES 6.3V. AC
AT 4.5 AMPS*

*Heavy DUTY
CONSTRUCTION*

*Handy FOR SCHOOLS
LABS. & SERVICE SHOPS*



*SUPPLIES VARIABLE
DC 50-300 VOLTS*

*SHOWS VOLTAGE
OR CURRENT ON
3 1/2" METER ...*

This new Heathkit Variable Power Supply Kit fills hundreds of needs--use it for experimental circuits--no need to build a separate power supply--use it for a test voltage to determine proper coefficients in unknown circuits--calibrate instruments with its variable voltage, etc. This new Heathkit supplies 50 to 300 Volts continuously variable DC together with an AC filament voltage of 6.3 Volts at 4.5 Amperes. A built-in 1 MA 3 1/2" meter has proper shunts to read 0-500 Volts and 0-200 Milliampers. The circuit uses a 5Y3 rectifier, two 1619 tubes as electronic control tubes to vary the output voltage with a single potentiometer. Case measures 7 1/8" x 13" x 7 1/8". Has instruction manual for assembly and use. Model PS-1. Shipping Wt. 18 lbs.

\$29.50

CABINETS FOR RECEIVERS & TUNER



BLONDE BIRCH CABINET
FOR FM TUNER NO. 350
FOR RECEIVERS NO. 345

\$4.95

Only

NO. 335 PROFESSIONAL
TYPE COMMUNICATION
CABINET

FOR RECEIVERS ONLY

\$4.50

Only

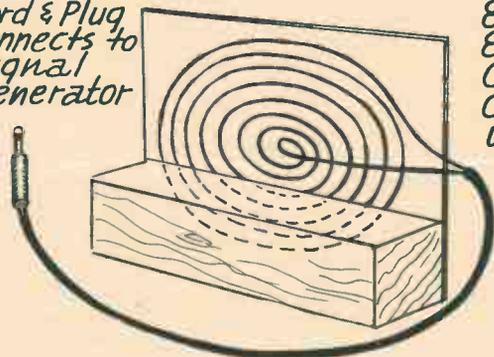


NO 320 ... 5" PERMOFLUX
SPEAKER
for either of the above Receivers

\$2.75

Handy ALIGNMENT COIL FOR ALIGNING LOOP AERIAL TYPE RECEIVERS

*Cord & Plug
Connects to
Signal
Generator*



*8 turns Wire
8" Diameter
Cemented to
Cardboard
with wood
Base*

This coil is plugged into the signal generator and the coil placed near the loop of the receiver.

Alignment can be made without connecting generator to receiver.

Heathkit AUDIO GENERATOR KIT

SINE & SQUARE WAVE

*Either
SINE OR SQUARE
WAVE*

*STABLE RC
BRIDGE CIRCUIT*



*COVERS 20 to
20,000 CYCLES*

*LESS THAN
1% DISTORTION*

*If YOU'RE AN AUDIO
FAN, ..IT'S A MUST.*

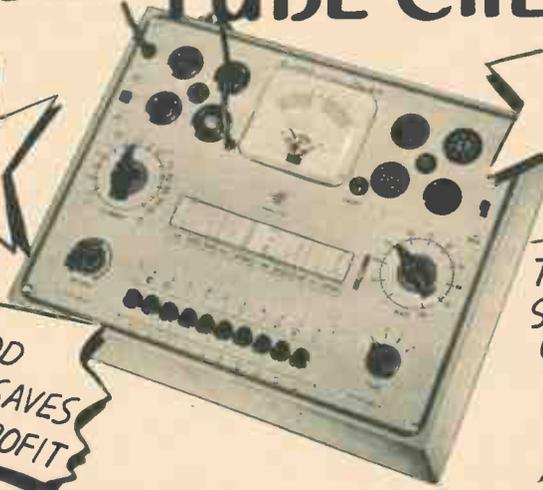
Hundreds of Heathkit Audio Generators are used by speaker manufacturers--definite proof of their quality and dependability. The added feature of square wave opens up an entirely new field of amplifier testing. Uses the best of parts, 4 gang condenser, 1 1/2 calibrating resistors, metal cased filter condensers, 5 tubes, completely calibrated panel and detailed instruction manual. One of our best and most useful kits. Model G-2. Shipping Wt. 12 lbs.

\$34.50

ORDER NOW

Heathkit
DYNAMIC

TUBE CHECKER KIT



SOCKETS FOR EVERY
MODERN TUBE • BLANK
FOR NEW TYPES...

Fastest METHOD
OF TESTING TUBES • SAVES
TIME • MAKES MORE PROFIT

RUGGED COUNTER
TYPE BIRCH CABINET

GEAR DRIVEN ROLLER
CHART *Gives* INSTANT
SET UP FOR ALL TYPES

TESTS EACH ELEMENT
SEPARATELY FOR OPEN
OR SHORT & QUALITY

Beautiful 3 COLOR
METER • READS GOOD-
BAD & LINE SET POINT

Test your tubes the modern way--dynamically--the simplest, yet fastest and surest method--your Heathkit has a switch for each tube element and measures that element--no chance for open or shorted elements slipping by, all the advantages of the mutual conductance type without the slow cumbersome time consuming setups.

Your Heathkit Tube Checker has all the features--beautiful 3 color BAD-GOOD meter--complete selection of voltages--roller chart listing hundreds of tubes including the new 9 pin miniatures--finest quality Centralab lever switches for each element--high grade birch counter type cabinet--continuously variable line adjust control--every feature you need to sell tubes properly. The most modern type tube checker with complete protection against obsolescence. The best of parts--rugged oversize 110V. 60 cycle power transformer--finest of Mallory and Centralab switches and controls, complete set of sockets for all type tubes with blank spare for future types. Fast action brass gear driven roller chart quickly locates the settings for any type tube. Simplified switching cuts necessary testing time to minimum and saves valuable service time. Short and open element check. Simple method allows instant setup of new tube types without waiting for factory data. No matter what the arrangements of tube elements, the Heathkit flexible switching arrangement easily handles it. Order your Heathkit Tube Checker Kit today. See for yourself that Heath again saves you two-thirds and yet retains all the quality--this tube checker will pay for itself in a few weeks--better assemble it now. Complete with instructions--pictorial diagrams--all parts--cabinet--ready to wire up and operate. Model TC-1. Shipping Wt. 12 lbs.

Only

\$ 29.50

The HEATH COMPANY
BENTON HARBOR, MICHIGAN

Sec. 34.66, P. L. & R.

U. S. POSTAGE
1c PAID

Benton Harbor, Mich.
Permit No. 273

New T.V. ALIGNMENT GENERATOR
New LABORATORY RESISTANCE DECADE
New VARIABLE POWER SUPPLY
Article. USE YOUR SCOPE AS
WATTMETER

POSTMASTER: IF UNDELIVERABLE
FOR ANY REASON, NOTIFY SENDER
STATING REASON, ON FORM 3547
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