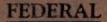
STANDARDS 4



RADIO

PRODUCTS

Distributed by

R. E. TONGUE & BROS. CO., Inc. Allegheny Ave., Amber & Collins Sts. PHILADELPHIA, PA.

Write us for discounts.



STANDARDS of EXCELLENCE

RADIO, because of the ever increasing diversity of its entertainment and educational appeal, has become a virtual necessity in homes where cultured well-being predominates.

To afford utmost satisfaction in performance, radio receivers must be the product of sensible constructive principles. They must embody the finest of workmanship, be fabricated from the best materials and capable of extremely simple tuning control.

In this way only is the faithful reproduction of tonal qualities in their delicate gradations possible; while the purchaser is likewise assured of investment values that are most advantageous.

To meet these requirements has been the accomplished purpose of Federal whose prestige as originators and manufacturers of electrical reproducing mediums is universally acknowledged.

This standard of excellence has been achieved thru continued intensive research and the application of sound principles of radio construction based on years of practical experience. To the prospective radio owner this is a consideration essentially worth while there being no substitute for quality.

When Federal announced the now famous TWO DIAL CONTROL, they stirred the radio engineering world to its depths.

Two Dial Control makes possible that which was long regarded as im-







possible, viz, positive, accurate, sensible simplicity of operation with its attending marvelous selectivity, creating a sensational advance in the science and art of radio reception. The Two Dial Control ushered in a new radio epoch.

That the eye may rejoice while the ear is gladdened, beauty has been joined to science in radio construction. Cabinet making has embellished Federal Receivers in a manner highly acceptable to those who insist on true artistry in their home decorative scheme.

In the console types, Federal designers have had an eye to luxurious convenience as well as to elegance in detail, while drop fronts with spacious battery compartments offer unusual convenience-features in these Federals magnificent.





The	Туре	142	<i>"Stand</i>	lardiz	ed"
Price				\$230	.00
(Less	headse	t, tui	bes and	batter	ies)
F. O.	B		Buffa	lo, N.	Υ.
No.	53-W	Head	lset	7	.00
5 Rai	diotron	Tul	bes	19	.00





It is with a sense of just pride that Federal introduces to the radio world, these four types of receivers—each a thoroughbred worthy of the Federal name.

Unrivaled super-selectivity and surprising range together with ease in bringing in distant stations through conjested local interference is assured in the Federal Type One-Forty-One. This powerful five tube receiver with Two Dial Control makes tuning a simple, sensible operation. It is no wonder then that Federal Type One-Forty-One enjoys the distinction of being the world's tastest selling radio receiver.

In the Federal Type One-Forty-Two are combined all the advantages of a Built-In Loud Speaking Telephone unit with a powerful five-tube Two



Dial Control Receiver. This splendid assembly is encased in a beautiful mahogany cabinet that reflects refined taste and true artistry in each line. A specially designed draw-out drop shield for protection of panel and speaker when not in use is an added feature certain to attract the purchaser's approval.

Radio receivers supreme. Worthy indeed of their renown won through merit.

In designing and constructing Federal Type One-Forty-Three—the "Assembly de Luxe" and Federal Type One-Forty-Four—"The Radio Complete", three impelling motives actuated Federal engineers and artisans. The practicability and elegance resulting are ample reward for the exacting effort expended for your greater pleasure.

Each contain powerful five-tube Fed-

 The Type 144 "Standardized"

 Price
 \$330.00

 (Less headset, tubes and batteries)
 F. O. B.

 F. O. B.
 Buffalo, N. Y.

 No. 53-W Headset
 .7.00

 S Radiotron Tubes
 15.00



and

PI

eral radio receivers with Two Dial Control and Built-In Loud Speaking Telephone units, encased in consoles portraying a new American period design which in their genuine elegance and cultured distinction are commanding tributes to the art of cabinet craft.

A most desirable innovation is the upper front section that opens outward and down, forming a desk shelf 31¹/₂" long and 11³/₄" wide. The lower front section opening in like manner, offers convenient access to a spacious battery and charging compartment.

An inspection and demonstration will be welcomed. An opportunity to assist you in expressing your radio requirements will be appreciated.

123

FEDERAL Type One-Eighty Loud-Speaking Telephone Unit

FEDERAL recognizes that a loud speaking telephone unit must represent a scientifically balanced mechanism in order to reproduce with unfailing fidelity each tonal inflection of either voice or music yet without sacrifice of the public's demand for volume and sensitivity.

Meeting these exacting conditions-de-

veloping a loud speaker whose volume, together with its sensitivity range covering every sound from the giant pipes of the organ to the critical harmonics of the violin is Federal's offering of its type 180 the loud speaker supreme. It is well worthy of your careful consideration if interested in hearing the ultimate in quality—volume reproduction.

Finished in a special crackle black and equipped with a full eighteen inch non-resonant horn composed of secret materials its complete assembly forces its out-standing goodness as but another evidence of Federal's Standards of Excellence.

Price \$60.00 F. O. B. ... Buffalo, N. Y.

Federal Telephone Manufacturing Corporation

BUFFALO, N. Y.

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San Francisco	Bridgeb	ourg, Can.
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