

Baird Shortwave Kits

BAIRD SHORTWAVE KIT NO. 2-T



The BAIRD Shortwave Kit No. 2-T is a tuned antenna circuit making it extremely desirable and simple to operate, it being only single dial control. Will tune unbelievable distances and pull in stations one can never hope to get with the regular broadcast receiver. Remember that the stations you can get actually give you the same quality and type of entertainment as you can get on the long waves with the difference that you might be listening to England or Holland or even further. This kit is composed of an all metal chassis and panel and all the component parts are of the highest quality and fully guaranteed against defects. Simple to construct and can be built in one hour. Two complete sets of ten OCTOCOILS furnished with each kit, to cover a waveband of 16 to 550 meters which includes the broadcast band.

A UNIVERSAL RECEIVER.

Furnished in kit form or completely wired, ready for operation at the same price.

List Price **\$39.50**

BAIRD SHORTWAVE KIT NO. 1-T

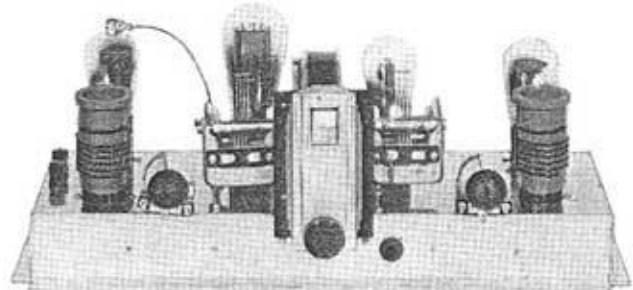
The BAIRD Shortwave Kit No. 1-T is a complete assembly of parts for the construction of a one-tube shortwave receiver. Can be assembled in 30 minutes. The chassis is of aluminum and the best parts obtainable are included in this assembly. A set of three OCTOCOILS with a wave length range of 16 to 100 meters is included with each kit. Will tune in shortwave stations all over the world.

Furnished in kit form or completely wired, ready for operation at the same price.

List Price **\$29.50**

BAIRD SHORTWAVE KIT NO. 4-T

For Battery Operation



The BAIRD Shortwave Kit No. 4-T is composed of a detector, one stage of tuned screen grid frequency and two stages of audio amplification using either 112 or 171 in the last stage. Will operate satisfactorily with loud speaker volume on practically any signal that can be pulled in. Get the thrill of hearing the chimes of Big Ben in your home every evening. All necessary parts for complete construction are included in this kit. Can be built in less than two hours. This kit is of all metal construction. Two complete sets of 10 OCTOCOILS furnished with each kit, to cover from 16 to 550 meters which includes the broadcast band. A UNIVERSAL RECEIVER.

Furnished in kit form only.

List Price

\$59.50

BAIRD SHORTWAVE KIT NO. 5-T

The BAIRD Shortwave Kit No. 5-T uses the following tubes, one 222, one 201A, one 240, one 112A and one 171A and is the same circuit as the All-wave Battery Receiver, which is a screen grid tuned antenna circuit with resistance coupled amplification covering a frequency band of 100 to 40,000 cycles. The perfect receiver for either voice or code or Television signals. Will operate satisfactorily with loud speaker volume on practically any signal that can be tuned in. All necessary parts for complete construction are included in this kit. Can be built in a very few hours. This is an all metal chassis. Two complete sets of 10 OCTOCOILS furnished with each kit to cover from 16 to 550 meters which includes shortwave, Television and broadcast bands.

Furnished in kit form only—includes all wire, screws, nuts and instruction sheets.

List Price

\$59.50

SHORTWAVE RECEIVERS

For Tropical Countries

We have especially designed a Screen Grid Battery Operated and an All Electric Shortwave Receiver for such countries as South America, Australia, etc., that have to work under very difficult conditions. These receivers are identical in appearance to the other receivers listed in this catalog but are transformer coupled instead of resistance coupled. The battery receiver uses the following tubes: two 201-A's, one 222 screen grid and one 112 or 171-A. The A. C. All Electric Receiver uses the following tubes: one 224 screen grid, one 245, two 227's and one 280 rectifier tube. Either of these receivers will work with remarkable success where static interference is particularly bad on the regular broadcast band. They have a tuning radius of at least 5,000 miles. Simple to operate. Single dial control. Wave length range 16 to 550 meters.

List Price, Battery Operated Receiver

\$88.00

List Price, A. C. All Electric Receiver

\$125.00

Baird SPECIAL BATH TUB VARIABLE CONDENSER

Especially Designed for Use with OCTOCOILS



Has very low loss and will efficiently cover the necessary wave lengths when used in conjunction with our OCTOCOILS.

One size only, .00015 mf.

List Price **\$2.75**

Midget Condensers for Amateur Bands

No. 5. .00004. Price \$1.15.

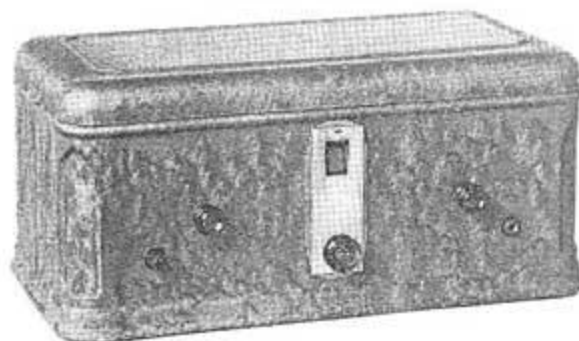
No. 14. .0001. Price \$1.25.

BAIRD RADIO FREQUENCY CHOKE

List Price **\$1.25**

Baird

BAIRD NO. 20 SUPER ALLWAVE A. C. RECEIVER



The No. 20 BAIRD Super Allwave A. C. Receiver is unquestionably the last word in shortwave reception. By plugging into the electric light socket you literally have the world at your finger tips. This is a tuned screen grid antenna circuit using resistance coupled amplification to cover 100 to 40,000 cycles. The receiver uses two 224 A. C. screen grid tubes, two 227 A. C. tubes, one 245 push pull A. C. tube and one 280 rectifier tube. Not only will this receiver work on the aerial that you are now using in your broadcast set but it will work at the same time on the same aerial without any interference. This Super Allwave Receiver covers a wave band of 16 to 550 meters so that just by changing the coils and tuning in you have no difficulty in listening to stations in Central America, Europe and practically any other station 5,000 miles or more away. This Super Allwave Receiver has been especially designed for Television and is the necessary adjunct to the reception of Television pictures. Built into a beautiful bronze and gold cabinet and being single dial control makes it not only handsome in appearance but extremely simple to operate. Plenty of volume and wonderful tone quality. For those who want the ultimate in a shortwave receiver we sincerely recommend the BAIRD No. 20 Super Allwave Receiver.

List Price

\$125.00

BAIRD NO. 22 ALLWAVE BATTERY RECEIVER

The No. 22 BAIRD Allwave Battery Receiver is identical to the No. 20 A. C. Receiver mentioned above excepting that it is for battery operation where no A. C. current is available. The circuit is identical and just as much pleasure and satisfaction can be derived in the operation of this battery receiver as in the A. C. This receiver uses one screen grid 222 tube, one 201-A tube, one 240 tube, one 112-A tube, and one 171-A tube.

List Price

\$88.00

Baird Shortwave Converters



The *Baird* Shortwave Converter has been designed as an attachment to practically any type of radio broadcast receiver to make it adaptable to tune in on shortwaves. Shortwave reception differs radically from reception on the regular broadcast bands in the fact that with a converter it is possible to tune in tremendous distances in the day time.

Stations as widely separated as California, England, Porto Rico, Australia, Germany and Holland can be brought in with more or less consistency.

When tuning in European stations it is naturally done mostly in daylight owing to the difference in time between this country and Europe.

To operate the converter just simply remove the detector tube from your regular receiver, plug in the flexible cord from the converter in place of this tube, put the detector tube into the converter, remove the aerial from your receiver and connect it to the converter, plug in one of the three coils which is part of the equipment of the converter and your converter is ready to operate.

It must be remembered that shortwave reception is extremely critical and the successful operation of the converter depends entirely on the patience and adaptability of the operator.

The *Baird* Shortwave Converter has a wave length range of 16 to 100 meters.

This is covered with three separate coils. This wave band takes in all foreign and domestic broadcasting stations and all amateur stations. Practically any signal which can be picked up on

the Converter can be brought to loud speaker volume.

The *Baird* Shortwave Converter is in an all metal cabinet and is only 5" high, 3½" deep, 9" wide, making it compact and easy to handle.

The *Baird* Shortwave Converter is manufactured in two models, one for battery operated receivers and the other for A. C. receivers.

In ordering the Converter be sure to specify the type of receiver you have.

The *Baird* Shortwave Receiver will work on A. C. models without any A. C. hum interference.

The *Baird* Shortwave Converter uses a .00015 SLF Variable Tuning Condenser of the special rugged bath tub type. There is also an antenna tuning control allowing for efficient operation with any type of aerial.

There is a detector voltage control which when properly adjusted will prevent the converter from oscillating violently and should bring your stations in smoothly.

Complete with Octocoils to Cover Wave Bands of 16 to 100 Meters
List Price \$25.00

Baird

The foregoing items in this catalog are all carried in stock for immediate delivery. Special receiving apparatus made to order.

We Specialize in the Manufacture of

Television Transmitters

Shortwave Transmitters

Broadcast Transmitters

Our staff of engineers can handle any of your receiving or transmitting problems. Do not hesitate to communicate with us. We gladly offer you our services.



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Manufactured by

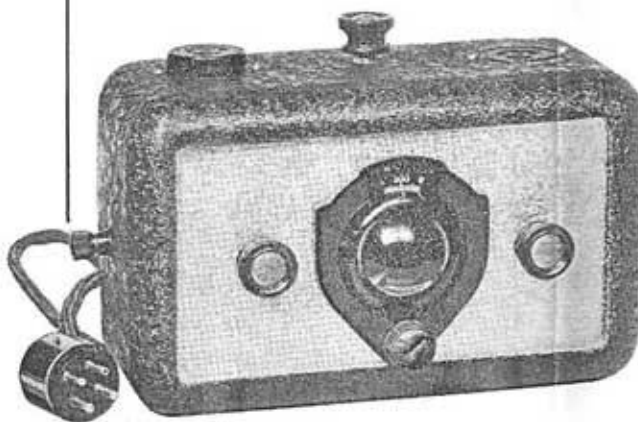
Shortwave & Television Lab. Inc.

70 Brookline Avenue
Boston, Massachusetts

Television Station W1XAV—500 Watts

Baird

Shortwave Receivers



Kits
Converters
Octocoils
for
Efficiency
and Quality



A Complete List of
Shortwave Receivers and Parts
Manufactured by

Shortwave & Television Lab. Inc.

70 Brookline Ave., Boston, Massachusetts