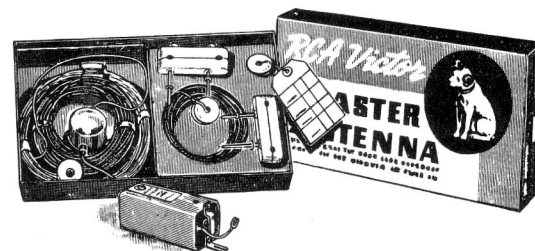


These Scans were removed from a 1930's RCA Manual
and the Items Are No Longer Available From RCA

ANTENNAS by RCA Victor

RCA VICTOR MASTER ANTENNA



No. 9845

List Price \$8.45

The RCA Victor Master Antenna is the latest development in antenna design by the world's most famous antenna engineers. It embodies the result of a great amount of development work to give every broadcast receiver owner the ultimate in noise-free radio reception. It not only offers the usual quality of noise reducing, but it includes a new balancing circuit by means of which any local noise, such as vacuum cleaners, etc., can be greatly minimized.

This antenna assembly consists of a balanced doublet with a counterpoise parallel to the transmission line. The length of counterpoise is adjustable, the exact dimensions being dependent on the transmission line run.

The frequency range covered is from 540 to 23,000 kcs. including all standard broadcast and foreign short-wave bands.

Stock No. 9845 Complete with Receiver Coupling Transformer \$8.45

Stock No. 9846 Receiver Coupling Transformer List Price \$2.50

IMPROVED MAGIC WAVE ANTENNA

*A new highly efficient noise reducing antenna
for every type of radio installation.*

Here's an antenna that literally has "everything" a radio user requires. Noise reduction over all bands, flexibility in installation and high signal pickup. In no other RCA antenna can you obtain all of the following features:

- Noise reduction of both standard and foreign broadcasting bands (530 to 23,000 k.c.)
- Built-in lightning arrester in antenna coupling unit.
- Operates up to 16 outlets from 1 antenna with additional coupling and distribution transformers (only slight reduction in signal strength.)
- Easily installed. Completely assembled and soldered.
- Antenna may be from 20 to 120 feet long.
- Transmission line may be any length up to 500 feet.
- 30-foot length of pipe may be used for vertical antenna with underground transmission line.
- Uses magnetite core transformers.
- Can easily be attached to existing antennas.

Stock No. 9812

(Includes complete assembly for single outlet installation)

Stock No. 9814, Distribution Transformer
(1 required for each 4 additional receivers) List Price \$3.95

Stock No. 9813, Set Coupling Transformer
(1 required for each additional receiver) List Price 2.95



List Price \$7.95

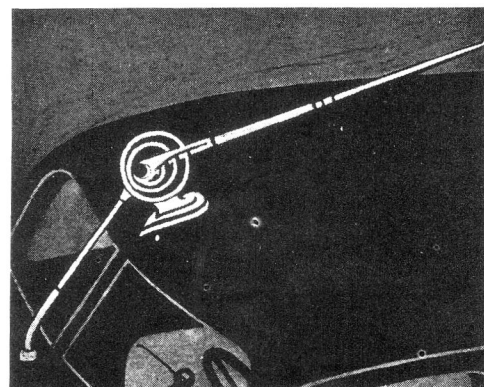
No. 9812

MONOGRAM ANTENNA

A new automobile top antenna of outstanding appearance and efficiency. Streamlined Bakelite Insulator with special rubber suction cup provides easy installation. No holes required in top. Has high gloss satin finish, guaranteed rust-proof. Extends from 21" to 35½" in length. Cowl bar also telescopic. Fits and enhances the beauty of any automobile. Comes complete with low capacity shielded lead-in cable with male fittings for connection to receiver. Weight—13 ounces.

LIST PRICE
\$6.00

Stock No. 9823



No. 9823

COWL TENNA

RCA's latest vertical type automobile antenna. Permanently installed to side of cowl. Streamlined insulator includes rubber pad to insure perfect seal. Extends from 28¾" to 49½" in length. Beautiful appearance, guaranteed rust- and corrosion-proof, high gloss satin finish. Easily installed, all soldering eliminated. Includes 36" low capacity shielded lead-in cable fitted with metal shield can for antenna connection and male bayonet fitting for receiver connection. Weight 9 ounces.

Stock No. 9826

ROD TENNAS

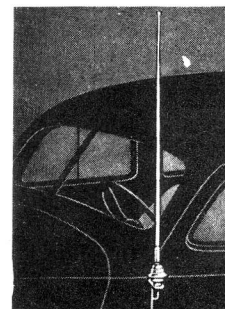
Here are RCA's most easily installed automobile antennas. They require just five minutes for a complete installation job. Remove either door hinge pin, attach the Rodtenna and return the pin. That is all there is to it—no drilling, no soldering, no cementing required. Made of high carbon vanadium steel, triple chromium plated, Stock No. 9827 is of the telescopic type and uses a new non-rusting metal having high gloss satin finish. This antenna is furnished with 36" low capacity shielded cable.

Stock No. 9827, Telescopic Type

NEW POPULAR PRICED ROD TENNA. A new rust-proof high efficiency antenna for every auto radio installation. Extended length 47½ inches; closed, 26 inches. Stainless steel extension, non-rusting metal chromium plated lower section. Complete with 36 inch shielded lead.
Stock No. 9851

Stock No. 9826
List Price
\$5.85

Stock No. 9827
List \$3.95
Stock No. 9851
List \$2.45



ACCESSORIES *by* RCA Victor

This fine quality pickup is identical with that used on the world-famous RCA Victrola Attachments.



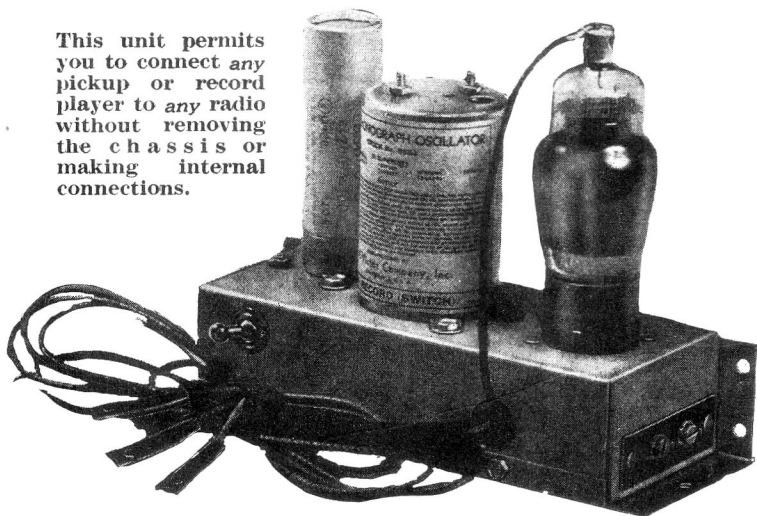
Stock No. 9842
LIST PRICE \$6.95

The RCA Junior Type Pickup gives excellent results on both 10-and 12-inch records. Fine for modernization and P. A. work.



Stock No. 12329
LIST PRICE
\$9.45

This unit permits you to connect any pickup or record player to any radio without removing the chassis or making internal connections.



No. 9554

JUNIOR CRYSTAL PICKUP

RCA's Most Popular-Priced Crystal Pickup

This pickup not only has an unusually attractive price, but it has every important feature necessary for getting the utmost fidelity of reproduction from records. It plays either 10" or 12" records, has a completely sealed crystal, and the needle position is offset to assure true tracking. The swiveled pickup arm is easily raised to the vertical position for needle insertion. Shock-proof mounting parts are included. The entire assembly is finished in attractive brown wrinkle lacquer to harmonize with No. 9841 Motor.

SPECIFICATIONS

IMPEDANCE...100,000 ohms at 1,000 cycles (1600 mmfd. over range 70-7000 cycles)

FREQUENCY RANGE...70-7000 cycles

OUTPUT VOLTAGE...1.5 volts at 1000 cycles with 500,000 ohm load.

NEEDLE PRESSURE.....2.7 ounces

FINISH.....Brown wrinkle lacquer Stock No. 9842

No. 31050 Crystal Cartridge for above, List Price \$5.25

JUNIOR TYPE

For many years this pickup has been a favorite with service engineers for replacement use. It is particularly adaptable to modernization jobs on old phonographs, where space is limited. It is especially recommended for installation with the Stock No. S-2264 Motor and Turntable Assembly shown on page 318. The entire unit is finished in attractive smooth bronze lacquer.

The arm is so designed that correct needle tracking is assured.

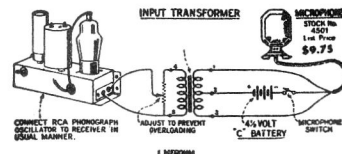
Impedance, 1400 ohms; output, .30 volts. Stock No. 12329

PHONOGRAPH OSCILLATOR

A Miniature Broadcasting Station for Every Receiver

The RCA Phonograph Oscillator has been designed to permit easy and quick installation of any pickup (magnetic or crystal) to any radio receiver, regardless of its type or circuit. It furnishes a modulated signal which is fed into the input of the radio, just like a broadcast station.

Also, it may be used for the construction of an inexpensive Public Address System, as shown at right. Includes radio-record switch.



SPECIFICATIONS

TUBE REQUIRED.....6A7 or 2A7

OUTPUT FREQUENCY...1400-1700 k.c.

POWER SUPPLY...Obtained from receiver. Insulated clips furnished for connection to filament and plate tube prongs.

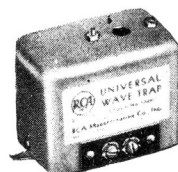
Stock No. 9554

LIST PRICE
\$13.65

ACCESSORIES *by RCA Victor*

UNIVERSAL WAVE TRAP

A necessity for every customer who is troubled by interference from powerful nearby broadcasting stations, code stations or cross-modulation effects. It is also very helpful for broad tuning receivers. Uses a magnetite core transformer providing a high-Q circuit and has a low loss air dielectric adjustable capacitor. Attenuation is minus 30 db or 32-1 voltage reduction.



Stock No. 13467

STOCK No. 13467
LIST PRICE \$3.70

OSCILLOGRAPH CONNECTING CABLES

For connecting between your oscillograph, test oscillator and radio chassis, you need low capacity shielded cables with handy connecting clips. The Stock No. 9797 assembly consists of three shielded cables designed especially for this use and is a necessity for everyone using the oscillographic method of alignment.

Stock No. 9797

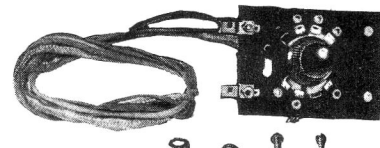


STOCK No. 9797
Net Price \$2.10

RECORD PLAYER CONNECTING SWITCH AND CABLE

This switch is for connecting the RCA Victor Record Player, or any other type of phonograph turntable assembly to a radio receiver so that the user may quickly change from radio to record reproduction. Consists of a small switch assembly that is readily attached to the back of any radio cabinet and sufficient length of shielded cable that may either be connected to a phonograph terminal board or to the proper internal chassis wiring. Knob and mounting screws included.

Stock No. 9824



STOCK No. 9824
List Price \$1.40

RCA VICTOR CABINET REFINISHING KIT

Here is a kit that should be a part of every service engineer's equipment. Includes all essentials to perform any small touch-up job or a general cabinet cleaning that you may be called upon to perform. Attention to cabinet details is a sure way of selling yourself to your customers. Every customer appreciates a nice clean piece of furniture and you can sell this service for a good price if you have and use this kit.

CONTENTS:

One each of the following—	
Can Refco oil	Can Tripoli
Can rubbing oil	Assorted sandpaper
Assorted stick shellac	Touch-up brush
Spatula	Rubbing block
Two packages of aniline stain powders	
Instruction sheet	
The entire contents are packed in a durable leatherette case with snap buttons.	

Stock No. 9546



Net Price \$4.10
No. 9546



RCA TUNING WAND

The RCA Tuning Wand is a special alignment tool which makes possible the checking of alignment in all-wave receivers without disturbing the adjustment of the trimmer capacitors. The tool consists of a bakelite rod having a brass cylinder at one end and a special finely divided iron core at the other end. Inserting the brass cylinder into a coil lowers its inductance, while inserting the iron increases the inductance. Stock No. 6679.

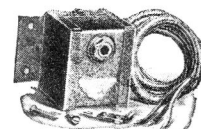
Net Price \$1.50



RCA ALIGNMENT TOOL

The RCA Alignment Tool is a bakelite shaft combination screw driver and socket wrench. The metal screw driver bit is so shaped that the increase in capacity caused by its touching a trimmer screw is offset by the reduction in inductance caused by its shape. The bakelite shaft is 7/32" in diameter, which gives entrance to 1/4" holes, used on older model Radiola receivers. Stock No. 4160.

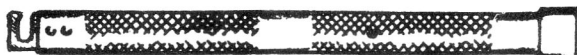
Net Price \$0.80



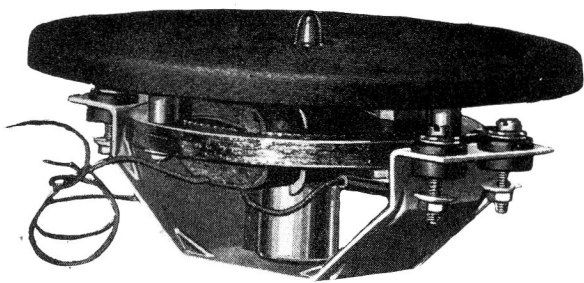
RCA EARPHONE ADAPTOR

A handy unit for connecting hearing aids or headphones to any radio. Has three positions—one for radio alone, one for both earphones and radio, and one for earphones alone. Easily connected across voice coil and gives proper impedance match. Finished in attractive brown wrinkle lacquer and fitted with 36 inch cable and terminal block.

STOCK No. 9715
List Price \$4.90



Air Trimmer Aligning Tool Stock No. 12636—Net Price \$1.50



Synchronous Reaction Motor and Turntable. An ideal unit for modernization work. Requires only a small space for mounting. Handles both 10- and 12-inch records.

SYNCHRONOUS REACTION MOTOR AND TURNTABLE

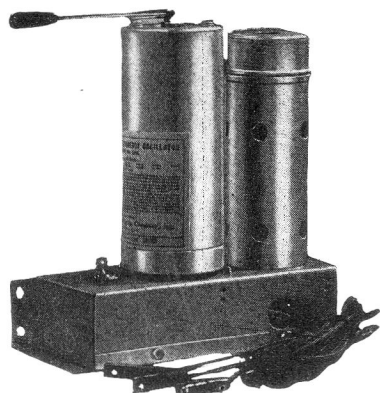
This new motor is used on many RCA Victor combinations and Record Players. It has shock-proof mountings and is free from wows. This unit is simple in design and is practically wear and trouble-free in operation. Turntable is finished in an attractive brown flock which blends with any cabinet finish. A soft rubber spindle cap prevents vibration pickup by records. Turntable diameter, 7 inches. Plays any size record up to twelve inches in diameter. Consumes only 10 watts.

STOCK No. S-2264 60 cycle

List Price \$ 9.60

STOCK No. S-2265 25 cycle

List Price \$13.60



No. 9606

C-W BEAT OSCILLATOR

The RCA C-W Beat Oscillator has been designed to make a communication type receiver out of the ordinary short-wave broadcast instrument. Produces an unmodulated frequency from 415 kc. to 700 kc. (covers the intermediate frequencies of practically all commercial receivers). Excellent for receiving short-wave signals by means of the "birdie" method of reception. The long handle makes the frequency adjustment quite easy, a desirable feature. Readily connected to any type receiver.

SPECIFICATIONS

CIRCUIT... Electron-coupled having excellent frequency stability.

FREQUENCY RANGE... 415 k.c. to 700 k.c.

RADIOTRON REQUIRED... 1 RCA-58 or 1 RCA-

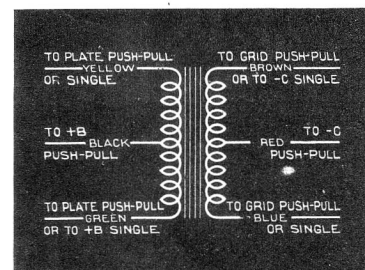
6D6 (not included).
CONTROLS... Fine frequency adjustment and "on-off" switch.
Size 7x2 3/4 x 7 inches.
Weight, 2 lbs.

Stock No. 9606
Less Tubes

NET PRICE \$10.50

UNIVERSAL INTERSTAGE A-F TRANSFORMER

The RCA Interstage Transformer permits you to make all audio transformer replacements with a single unit. It contains a center tapped primary and a center tapped secondary for connecting either from or to any single or push-pull stage. Has proper step-up ratio and is easily mounted on any type of chassis. Also recommended to step up pickup output for use with low gain amplifiers.



CIRCUIT DIAGRAM

SPECIFICATIONS

SIZE... 2 in. x 2 3/8 in. x 2 7/8 in. Shielded black finish case—vacuum wax impregnated.

TURN RATIO... Primary to secondary 1:3 overall.

PRIMARY CURRENT... 10 milliamperes d. c. (Maximum).

FREQUENCY RESPONSE... 30-10,000 cycles.
PRIMARY CONNECTIONS... Primary connects to any single or push-pull triode. Secondary, to any single or push-pull stage regardless of tube type.

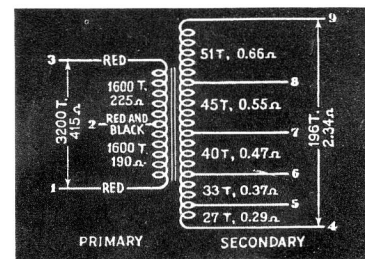
Stock No. 9632

List Price
\$2.80

No. 9632

UNIVERSAL OUTPUT TRANSFORMERS

This output transformer fits any combination of tubes and speakers ordinarily encountered in service work. It is quickly mounted by means of slot angle brackets, has a silicon steel core and its windings are protected with a baked varnish impregnation. Tinned terminals and long primary leads make installation easy. Fits practically all output tubes and speakers.



CIRCUIT DIAGRAM

SPECIFICATIONS

SIZE... Standard Model—2 3/4 in. x 2 1/4 in. x 2 in. Tropical Model—2 3/4 in. x 2 3/8 in. x 3 in.

VOICE-COIL IMPEDANCES... 1 to 15 ohms.

PRIMARY LOAD IMPEDANCES... 1000 to 20,000 ohms.

MAXIMUM WORKING POTENTIAL... 500 volts.

MAXIMUM PLATE CURRENT (each tube) ... 55 milliamperes

FREQUENCY RANGE ... 30 to 10,000 cycles

Stock No. 7852

List Price
\$2.80

No. 7852

