

JENSEN MANUFACTURING COMPANY
6601 SO. LARAMIE, CHICAGO 38, ILLINOIS

RP-302

ULTRA HIGH FREQUENCY UNIT

Reproduces from 4000 cycles to upper limits of audibility. Impedance, 16 ohms. Useful coverage angle, 120°. Max. power rating corresponds to 35 watts into 2 or 3-way system with recommended A-402 network. Diam., 2 3/4"; length, 3 3/4". Satin brass finish. Complete with 32" cord, removable mounting bracket, screws and complete instructions. Shpg. wt., 3 lbs. ST-899.

List Price\$56.00

A-402

CROSSOVER NETWORK

Two channels with crossover at 4000 cycles. 180° constant-resistance type, with 12 db/octave attenuation out of pass bands. 4 3/8" H; 3 1/2" W; 3 1/4" D. Shipping weight, 3 lbs. ST-898.

List Price\$11.25

ST-901 H-F BALANCE CONTROL

Variable 16-ohm L pad to adjust level of RP-302. Flush type mounting escutcheon, 2 3/8" OD, and bar knob, satin brass finished. Mounts in 1 1/16" hole. 24" leads attached.

List Price\$5.75

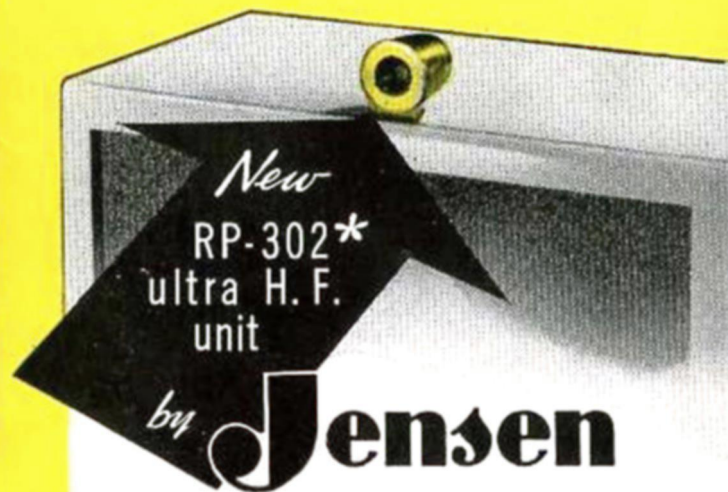
SOLD BY

FOR HIGHER FIDELITY

make a 3-way system

FROM YOUR COAXIAL

(or a 2-way from a single speaker)



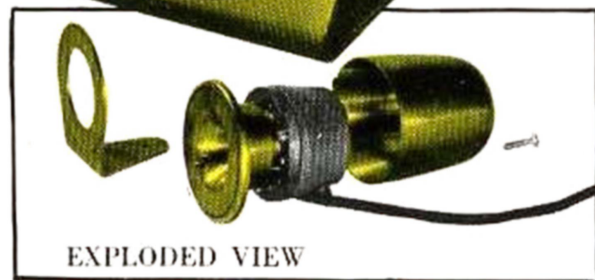
- ... wider frequency range
- ... less hf distortion
- ... greater listening pleasure

**The same hf unit used in the famous Jensen G-610 Triaxial*

You'll be thrilled at the improvement—
when you add this new Supertweeter . . .
easily, quickly installed — at low cost



RP-302
ultra H. F. UNIT



EXPLODED VIEW

A-402
CROSSOVER
NETWORK



No matter how good you think your coaxial, single-unit speaker or system is now, you can markedly improve sound reproduction quality . . . increase listening pleasure . . . add thrilling cleanness, definition, presence and frequency range . . . by adding this new, compact "supertweeter." Easy to install—unit sits atop your cabinet or mounts flush on baffle. No complicated rewiring or mechanical changes in your present speaker equipment. Anyone can make the simple connections without special tools in a few minutes time.

What the Supertweeter Is

The new Jensen RP-302 Ultra H-F Unit is an expertly designed, precision built assembly consisting of a special moving coil compression driver unit, loaded by a small hyperbolic exponential (Hypex*) horn, designed especially to reproduce the frequency range from 4,000 cycles out to the limits of audibility. Driver unit and horn design are the same as used in the famous Jensen G-610 TRIAXIAL, world's finest loudspeaker.

What the Supertweeter Does

The RP-302 efficiently reproduces the "highs" which are curtailed and distorted in most speakers—and does this so smoothly, with such low distortion and fully extended h-f range that fidelity is greatly enhanced; your ear will easily recognize the improvement at once. Enthusiastic listeners report that the RP-302 eliminates harsh, wiry, strident, upper treble; takes out "ringing" noises and other false colorations of the music; gives fine separation of orchestral instruments; brings the vocalist "out in front"; adds thrilling new realism to all instruments and percussion. Every music lover owes it to himself to gain the new thrills in listening which the RP-302 makes possible.

*T.M. Reg.

How to Use the Supertweeter

You can use the RP-302 as a *substitute* and improved "high end" to replace the highs which now come from your speaker—and we recommend this for those who want the very best results. This is easily accomplished (see diagrams) with the auxiliary A-402 Crossover Network which electrically diverts all highs *above* 4000 cycles from your present speaker and sends them to the RP-302; your present speaker continues to reproduce the range *below* 4000 cycles. Because the RP-302 is so efficient and individual preferences differ, an ST-901 H-F Balance Control is recommended to adjust the level of the highs as desired.

Alternatively, the RP-302 may be used to *supplement* the highs from your present speaker. In this case the Supertweeter gives additional and more extended h-f response, reinforcing deficient highs from your speaker. No network is needed—only a 2 microfarad condenser (obtainable from your serviceman or electronic parts distributor). This method is less desirable than the recommended method because it does not eliminate h-f distortion in your present speaker.

Whichever way you choose to use the RP-302, remember there are *no* mechanical or electrical changes in your present speaker. You simply add the "supertweeter" and network (or condenser) with simple wiring made easy by the complete instructions furnished with the unit.



It's easy to install the compactly designed RP-302 atop your cabinet or flush in 1¹/₁₆" hole in baffle or panel. (Jensen "BL," "M," and "C" cabinets have pre-cut cutouts to fit the RP-302.)