

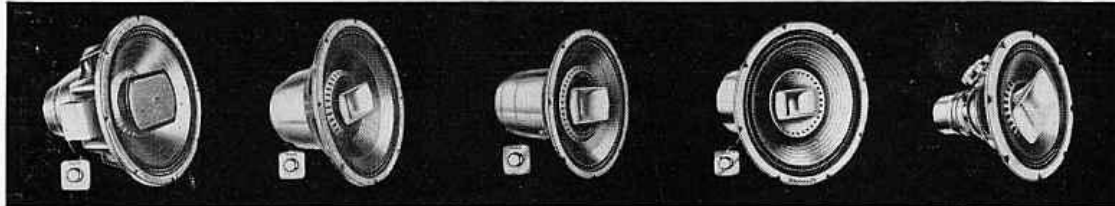
# DIFFAXIALS have "Functional Design"

The DIFFAXIAL is a high quality extended-range speaker, capable of the most magnificent, natural, wide-range reproduction of sound.

The most advanced principles of audio and acoustic engineering have been combined to produce a speaker of exceptional quality...the DIFFAXIAL...principles which also embrace the modern concept of Functional Design.

Here are features that make University 3-way Diffaxials different:

1. Exclusive patented diffusicone design.
2. Genuine compression driver tweeter with patented "reciprocating flare" principle.
3. Most advanced and highest efficiency magnet assembly.
4. True "thru-the-axis" construction with tweeter horn projected through center of woofer.



## Model 315 15" 3-way Diffaxial Speaker

"Reciprocating Flare" horn tweeter is projected *true-axially* through center of woofer. Ultra highs distributed by acoustic screen of tweeter. Full-bodied mid-range reproduced by patented deluxe multi-sectional Diffusicone element. Woofer performance is equivalent to Model C15W. Crosses over mechanically at 1000 cps. and electrically at 5000 cps. through built-in L/C network with "Brilliance" control. 6½ lbs. of all-Alnico 5 Gold Dot Magnet. Frequency response to in-audibility. Handles 50 watts\*, 8-16 ohms; 12" D. Wt., 34 lbs. \$132.00 Net.

## Model 6303 15" 3-way Diffaxial Speaker

Medium power version of the Model 315. Sonorous bass with full-bodied mid-range provided by patented deluxe multi-sectional Diffusicone element crossing over mechanically at 1000 cps. Complete high efficiency tweeter, with "Reciprocating Flare" horn, is projected *true-axially* through the center of the woofer. Built-in L/C network crossing over at 5000 cps. "Brilliance" control; 2 lbs. of all-Alnico 5 Gold Dot magnet. Response from 30 cps. to in-audibility; Handles 30 watts\*; 8-16 ohms; 10" deep. Shpg. wt., 15 lbs. \$80.10 Net.

## Model 312 12" 3-way Diffaxial Speaker

A completely engineered package... University's HF-206 super-tweeter is *true-axially* projected through the center of the 12" woofer. Full-bodied mid-range reproduction is handled by patented deluxe multi-sectional Diffusicone element. Built-in L/C network and variable "Brilliance" control. Crossover is mechanical at 1000 cps. and electrical at 5000 cps. Contains extra heavy 2 lbs. of all-Alnico 5 Gold Dot Magnet. Frequency response to in-audibility; 25 watt\* power handling capacity; 8-16 ohms; 8" deep; Shpg. wt., 12 lbs. \$64.50 Net.

## Model UXC-123 12" 3-way Diffaxial Speaker

New integrated 3-way speaker assembly completely wired with built-in L/C network and "Brilliance" control. Employs exclusive standard uni-sectional diffusicone element. New UXT-5 super-tweeter with "Reciprocating Flare" horn mounted through the center axis of woofer assembly. Highest efficiency, lowest distortion, and true uniform wide-angle dispersion. Super-sensitive all-Alnico 5 magnet. Crosses over mechanically at 1000 cps. and electrically at 5000 cps. Response from 45 to 17,500 cps.; 25 watts\*; 8-16 ohms; 8¼" deep; Shpg. wt., 6½ lbs. \$59.50. Net.

## Model 308 8" 3-way Diffaxial Speaker

Features University's exclusive *true-axial* construction with compression tweeter projected through center of woofer. Tweeter employs University's "Reciprocating Flare" principle crossing over electrically at 5000 cps...mid-range is reproduced from patented deluxe multi-sectional Diffusicone element through a 1000 cycle mechanical crossover. Woofer has extra large voice coil for enhanced bass response. 1¼ lbs. of all-Alnico 5 Gold Dot magnet. Response: 50 to 15,000 cps. Handles 25 watts\*; 8-16 ohms; 6¼" deep; Shpg. wt., 5 lbs. \$37.50 Net.



DIFFUSICONE 15



DIFFUSICONE 12



DIFFUSICONE 8



MODEL UXC-122



MODEL 6200



MODEL 6201

### EXCLUSIVE UNIVERSITY 2-WAY DIFFAXIALS

University's 2-way diffaxials with patented deluxe multi-sectional diffusicone element in all 3 sizes. Unique design with 1000 cps. mechanical crossover. Coaxial dual horn loading at apex of cone extends mid and high frequency response. Uniform wide-angle dispersion of highs by means of radial projector with aperture diffraction for full fidelity at all listening points off speaker axis. All models contain super-sensitive all-Alnico 5 Gold Dot magnet for high efficiency.

**DIFFUSICONE 15** — Response from 30 to 14,000 cps.; 30 watts\*; 1½ lbs. of all-Alnico 5 magnet; 8-16 ohms; 10" deep; Shpg. wt.: 12¼" lbs. \$45.00 Net.

**DIFFUSICONE 12** — Response from 40 to 14,000 cps.; 30 watts\*; 1½ lbs. of all-Alnico 5 magnet; 8-16 ohms; 4¼" deep; Shpg. wt.: 6 lbs. \$33.00 Net.

**DIFFUSICONE 8** — Response from 70 to 13,000 cps.; 25 watts\*; A full pound of all-Alnico 5 magnet; 8-16 ohms; 3¾" deep; Shpg. wt.: 5 lbs. \$23.50 Net.

### MODEL UXC-122

New 12" Diffaxial speaker employing exclusive standard uni-sectional diffusicone element with 1000 Cps. mechanical crossover. Coaxial dual horn loading at the apex of the cone extends mid and high frequency response. Uniform wide-angle dispersion by means of radial projector plus aperture diffraction for full fidelity at all listening points off speaker axis. Extra-large voice coil and one-piece molded woofer cone of special pulp content provide long, trouble-free life and high power capacity. Contains super-sensitive all-Alnico 5 magnet. Response from 45 to 13,000 cps.; 25 watts\*; 8-16 ohms; 4" deep; Shpg. wt.: 5½ lbs. \$29.75 Net.

### Model 6200 12" Extended Range Speaker

Shallow design perfect for wall, flush ceiling, and limited space installations. Contains a full pound of super-sensitive all-Alnico 5 magnet. *One-piece* molded cone of special pulp content for long, trouble-free life. High efficiency, requires a fraction of the power needed for ordinary 12" speakers. Response from 45 to 10,000 cps.; 30 watts\*; 8-16 ohms; 4" deep; Shpg. wt.: 5 lbs. \$23.50 Net.

### Model 6201 Dual Range Coaxial Speaker

A *true* dual range coaxial system. The tweeter, with compression driver and "reciprocating flare" horn is mounted through the center-axis of the woofer cone. High efficiency, wide-angle, uniform treble reproduction. Contains super-sensitive all-Alnico 5 Gold Dot magnet. Built-in L/C network with "Brilliance" control. Response from 45 to 15,000 cps.; 25 watts\*; 8-16 ohms; 8¼" deep; Shpg. wt.: 7 lbs. \$49.50 Net.

\*Integrated Program



University

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