

# University

## LOUDSPEAKERS AND REPRODUCER EQUIPMENT



### HIGH FIDELITY CONE SPEAKERS

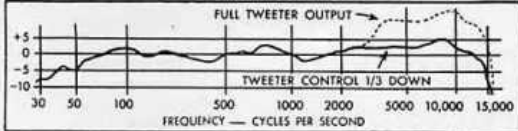
FEATURING  
BUILT-IN  
LC NETWORK



**MODEL 6201 DUAL RANGE COAXIAL SPEAKER** — One of the few true coaxial systems. Complete with horn type tweeter, driven by a separate high efficiency driver. Has built-in inductance-capacitance type crossover network complete with variable balance control and supplied with 36" of connecting cable, fully wired. Model 6201 is an engineered package requiring only connection of the two free wires to the amplifier for instant operation.

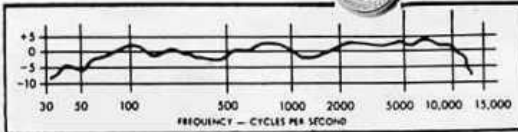
RESPONSE 45-15,000 cps.  
POWER CAPACITY 25 watts continuous  
SOURCE IMPED. 8 ohms  
DIMENSIONS 12 1/4" dia.,  
8 1/2" depth  
RMA Stand. 12" mounting  
SHIPPING WGT. 10 1/2 lbs.  
LIST PRICE \$75.00

Heavy University W-shape gold dot Alnico V magnet rim treated one-piece diaphragm in woofer prevents erratic reproduction of transients, reduces harmonic distortion of fundamental tones.



**MODEL 6200 EXTENDED RANGE SPEAKER**—A highly efficient, extended range PM loudspeaker with full-bodied response to 10,000 cycles. Ideal for the improvement of commercial radio and phono combinations, for high quality PA and for sound reinforcement in clubs, churches, schools, hospitals and stores. Requires less than half the audio power needed by ordinary 12" speakers.

RESPONSE 45-10,000 cps.  
POWER CAPACITY 30 watts  
NOMINAL IMPED. 6-12 ohms  
DIMENSIONS 12 1/4" diameter  
4 1/2" depth  
RMA Stand. 12" mounting  
SHIPPING WGT. 8 1/2 lbs.  
LIST PRICE \$35.00



For General  
High Fidelity  
Applications

**THE DIFFUSICONE 8 and 12**— These extended range speakers prevent loss of the "high" at listening points progressively off speaker axis. The University Diffusicone Models bring within every music lovers' grasp the endless pleasures of true Concert Hall Quality reproduction—at amazingly low cost—and with no need for undue concern over the location of the speaker. Diffusicone is the answer to the long needed basic improvement in the performance of ordinary extended range speakers. Ideal for flush ceiling installations.



Dual horn arrangement produces radial pattern



Exclusive dual horn arrangement sets up two distinct sound wave paths. High audio frequency sound waves are directive—tend to propagate along speaker axis. This is overcome by splitting energy into 2 paths, along path of both inner and outer horns. Diffraction then occurs to the more stubborn very high frequencies by passing the wavefront of the radial or outer horn through small orifices which terminate this radial projector. Diffraction takes place as a consequence of the relationship between the aperture diameter and the wave lengths of the frequencies in question. Result is exceptional uniform response.

MODEL	DIFFUSICONE 8	DIFFUSICONE 12
FREQ. RESPONSE	70-13,000 cps. uniform field pattern	45-13,000 cps. uniform field pattern
POWER CAPACITY	25 watts, cont. duty	30 watts, cont. duty
IMPEDANCE	8 ohms	8 ohms
DIA. OVER.	8 3/8"	12 1/4"
DEPTH. OVER.	3 3/8"	4 1/2"
MTG. CIRCLE DIA.	7 7/8", 8 mtg. holes.	11 1/2", 8 mtg. holes.
SHIPPING WGT.	8 punched	4 punched
LIST PRICE	3 1/2 lbs. \$45.00	5 1/2 lbs. \$35.00

#### C-15W SUPER 15" WOOFER

At last, a 15" loudspeaker designed not only to provide the acme of attainable perfection in the specific reproduction of low frequencies, but one which defies obsolescence due to impedance matching requirements as speaker systems are altered or expanded.

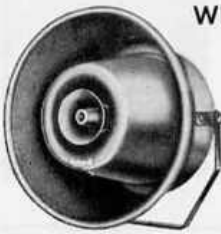
- DUAL IMPEDANCE RANGE VOICE COIL—4-8 ohms and 10-16 ohms available at speaker terminals.
- LONGEST VOICE COIL AXIAL DEPTH—Coil remains in gap, results in superior conversion efficiency and transient response.

The C-15W may be used in any 2, 3, or 4-way speaker system utilizing woofer crossover up to 2000 cycles. Amplifiers rated to 50 watts may be employed.

LIST PRICE \$115.00



### WIDE RANGE WEATHERPROOF COAXIAL SPEAKERS



Model WLC is the new improved, all-weather coaxial speaker system designed to simplify indoor and outdoor "high quality" sound installations. A complete system comprising a low frequency cone speaker, driver type high frequency reproducer and a 1000 cycle LC crossover network. Completely wired and contained in a compact, heavy gauge all-metal dual horn assembly. Affords remarkable smooth overall response and is capable of 30 watts input and life-like reproduction from 50 to 15,000 cycles. Recommended for bandshells, outdoor movies, auditoriums and dance halls.

POWER CAPACITY 30 watts  
IMPEDANCE 8 ohms  
RESPONSE 50-15,000 cps.  
DISPERSION 90°  
DIAMETER 33 1/2"  
DEPTH 20"  
SHIPPING WEIGHT 80 lbs.  
LIST PRICE \$200.00

