



UNIVERSITY SOUND

Specifications and Instructions



The UNIVERSITY Sound Model MIL-A is a high efficiency re-entrant horn type speaker specially designed for paging/talk-back applications in areas with low power level requirements. The built-in driver has a power handling capacity of 10 watts, and is ideal for many different P. A. installations.

The dispersion pattern makes this speaker ideal for "fill-in" applications in large sound systems and as the main speaker in low power systems. Equipped with the "OMNI-LOK" bracket which allows the horn to be positioned over an angle of 90° vertically and 360° horizontally as desired, the MIL-A can be used almost anywhere. An additional feature is

Model MIL-A Paging/Talk-Back Speaker

SPECIFICATIONS

Frequency Response:	350-13,000 Hz
Power Handling	10 watts integrated
Capacity:	program
Impedance:	4, 8 or 45 ohms
Dispersion:	120°
Sound Pressure Level:	119 db*
Sensitivity as Microphone:	-26 DBM re 10 dynes/cm ²
Dimensions:	7 13/16" diameter, 6 7/8" depth
Finish:	Gun metal gray
Shipping Weight:	4 lbs.

*sound pressure reading of the 750-1250 Hz range taken at 4 ft. on axis at rated power input. Reduce by 6 db each time distance is doubled and by 3 db each time power is halved.

the use as a highly sensitive microphone for talk-back circuits. The spun aluminum horn, acrylic type baked-on paint finish, and weatherproof construction allow the MIL-A to be used both indoors and outdoors.

Architects and Engineers Specifications

Speaker shall be University Sound Model MIL-A or equivalent. Type shall be re-entrant horn equipped with built-in driver. Frequency response shall be 350-13,000 Hz and dispersion shall be 120°. Horn assembly shall be constructed of spun aluminum and finish shall be baked-on acrylic type gun metal gray. Speaker shall be equipped with "OMNI-LOK" bracket designed so that it may be swiveled through an angle of 90° vertically and 360° horizontally. Bracket shall be constructed in such a manner that it may be attached to standard 1/2" pipe without the need of other accessories.

Sound pressure level of the 750-1250 Hz taken at 4 feet on axis with full-range power input, shall average 119 db, reference .0002 dynes/cm². Sensitivity as microphone shall be -26 DBM, reference 10 dynes/cm². Magnetic structure shall be Alnico V weighing at least 4 oz. Voice coil shall be .75" in diameter and available in 4, 8 or 45 ohm impedance, whichever is specified. Power handling capacity shall be 10 watts. Dimensions of horn shall not exceed 7 13/16" diameter and 6 7/8" deep. Shipping weight shall not exceed 4 lbs. University Sound Model MIL-A is specified.