



### HIGH QUALITY PUBLIC ADDRESS AND MUSIC

- Transformer coupled for 25, 70 or 100 Vrms systems
- 8 watt
- Flexible mounting
- Back box and tile bridge included

## AudioMaster® 8 Watt Ceiling Speaker

Model AMR6

The Federal Signal Model AMR6 is a high-quality ceiling speaker for public address and music in industrial, municipal and commercial office environments.

Power handling for the AMR6 is eight watt with transformer taps at 8, 4, 2 and 1 watts. The AMR6-2570K operates in 25 or 70 Vrms systems and the AMR6-100K operates in 100 Vrms systems.

The speaker is designed to mount flush in a ceiling or wall cavity. Adjustable "L" shaped clamps offer the flexibility of mounting to any surface thickness from  $1/4"$  to  $1\frac{1}{2}"$ . The AMR6 is suitable for use in air handling spaces.

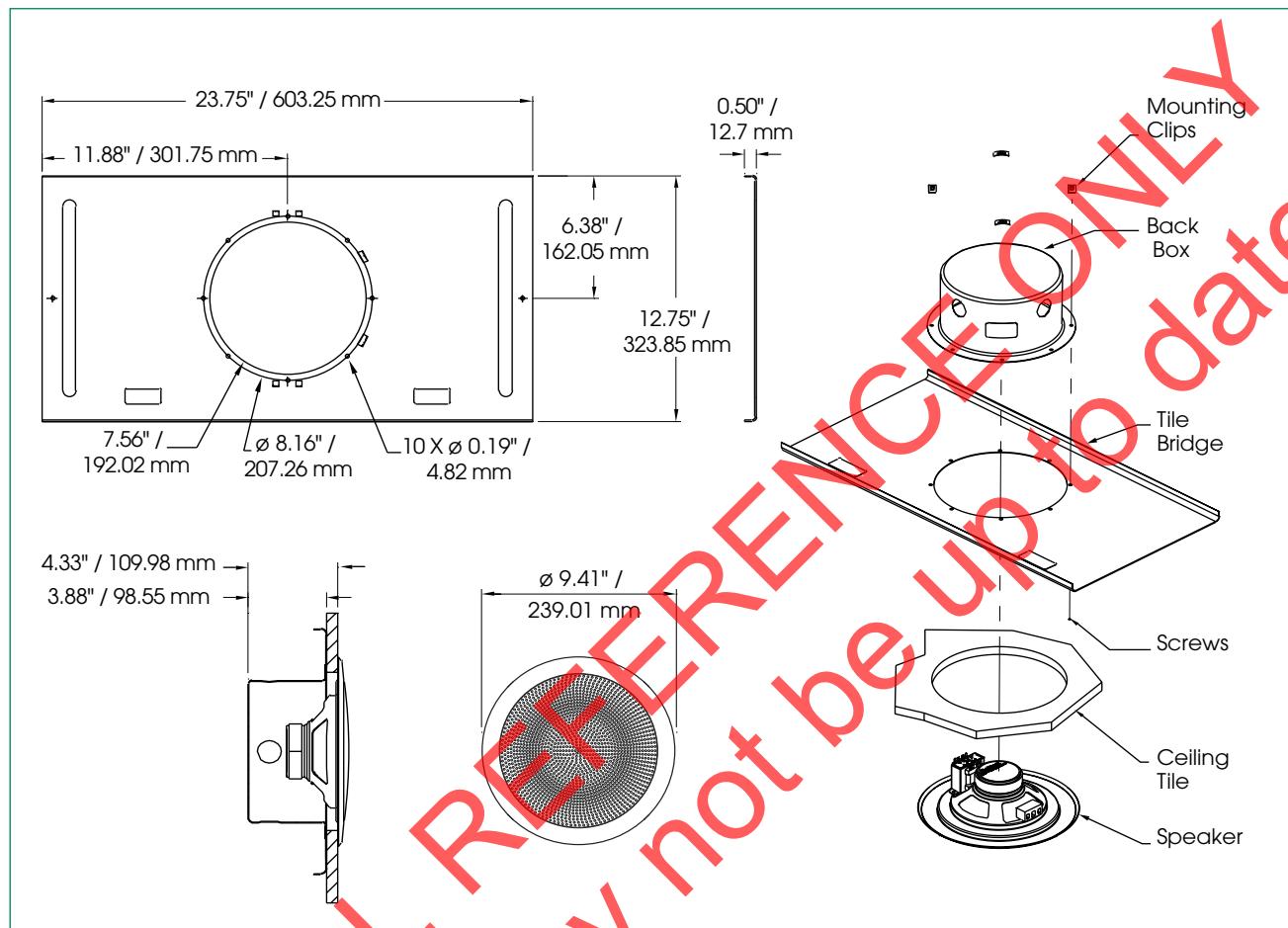
Construction materials were selected to provide years of service in demanding conditions. The speaker frame is flame-retardant ABS that meets Underwriter's Laboratories requirements for Flame Class V-0, 5VA. The speaker cone is constructed of polypropylene and the surround material is a phenolic impregnated cloth, rather than the traditional paper structures.

The AMR6 offers a wide frequency response of 110Hz to 20,000Hz that reproduces a full range of voice, music and electronically generated tones. To achieve these impressive results both a woofer and a neodymium tweeter are utilized. Neodymium is a rare earth metal known for high energy in compact sizes.

Model	Power Handling	Frequency Response	Transformer	Power Taps	Decibels @ 10'	Decibels @ 1m
AMR6-2570K	8 watt	110-20,000Hz	25 Vrms	8, 4, 2, 1.1	81	91
	8 watt	110-20,000Hz	70 Vrms	8, 4, 2, 1.1	85	95
AMR6-100K	8 watt	110-20,000Hz	100 Vrms	8, 4, 2, 1.1	85	95



## PUBLIC ADDRESS SPEAKER (AMR6)



### SPECIFICATIONS

Operating Temperature:	32°F to 120°F	0°C to 49°C
Net Weight:	3.06 lbs.	1.39 kg
Shipping Weight:	4.75 lbs.	2.15 kg
Diameter:	9.0"	228.6 mm
Depth:	4.9"	124.4 mm

### HOW TO ORDER

- Specify model number and Vrms of system (25/70 Vrms or 100 Vrms)
- Please refer to Model Number Index AMR6 beginning on page 376