

Electro-Voice PA60/EV 60-Watt/8 Ohm 80x50deg Paging Projector

The PA60 is a 60-watt reentrant paging projector for use in any public address or paging application.

The driver employs rugged phenolic diaphragm, 1.5-inch diameter voice coil, and strontium ferrite magnet structure for long life and durability under extreme operating conditions.

The PA60M is identical to the Model PA60, but is white in color and is designed for marine use with stainless steel hardware.

A 13.5-inch SJTO-18-2 cable, phased and color-coded, is provided for connecting to the PA60.

A nominal 80° horizontal by 50° vertical coverage pattern together with a low-frequency cutoff of 400 Hz provides excellent articulation in demanding applications.

The PA60/PA60M is molded from high-impact ultraviolet inhibiting ABS (acrylonitrile butadiene styrene).

Ideal for both indoor and outdoor applications, these horns are well suited for any installation requiring rugged, reliable performance at a low cost.

Architects' and Engineers' Specifications

The loudspeaker shall be an integral driver and reentrant horn utilizing a rugged phenolic diaphragm and high temperature rated 1.5-inch diameter voice coil.

The axial frequency response will extend from 600 to 6,500 Hz and the horn shall exhibit a low frequency cutoff of 400 Hz. Sound pressure level will be 107 dB (1 W/1 M) with a 500 to 5,000 Hz pink noise signal applied, and the horn will produce a horizontal beamwidth of 80° and a vertical beamwidth of 50° at 2.0 kHz.

The loudspeaker shall be capable of handling a 60 watt, 500 to 5,000 Hz pink noise signal with a 6 dB crest factor for a period of eight hours.

The horn shall be molded high-impact acrylonitrile butadiene styrene (ABS), capable of satisfactory mechanical performance in the temperature range from -40°C (-40°F) to 71°C (160°F) and not subject to sunlight embrittlement. Other major external speaker parts shall be diecast zinc finished in mesa tan baked enamel to match the molded horn parts. The Model PA60M shall have external parts of stainless steel and will be white in color. All components shall be resistant to damage from weather, moisture, and fungus.

A serrated, positive-lock swivel bracket shall provide orientation adjustment in all three planes. Vertical adjustments are made by loosening a single wingnut on the mounting base.

Dimensions shall be 28.0 cm (11.0 in.) high by 16.5 cm (6.5 in.) wide by 21.6 cm (8.5 in.) deep. Net weight shall not exceed 1.8 kg (4.1 lb). The loudspeaker shall be the PA60/PA60M.