

Electro-Voice FC100 Compound Diffraction Projector Horn for 1828C/1828T/1829 or 1829T Drivers (Gray)

The Electro-Voice FC100 consists of two horn sections for use with 1828C or 1829 model drivers to form a wide-range, integrated system.

The folded construction of the rear horn coupled with the smaller dimensions of the front horn, present a 1,000 Hz acoustic crossover. This separation of frequencies provides a more extended frequency response and cleaner sound.

The 150 degree horizontal by 110 degree vertical dispersion pattern is beneficial in many applications requiring a wide coverage pattern. Furthermore, excellent loading is maintained to a low-frequency cutoff of 260 Hz.

Architects' and Engineers' Specifications

The horn shall be the compound diffraction type with outer housing of fiberglass, a zinc diecast front horn and phenolicconstructed inner horns.

The low-frequency horn will be 52.0 cm (20.5 in.) high by 26.5 cm (10.5 in.) wide and 51.0 cm (20.0 in.) deep, not including a driver. Net weight (less driver) shall not exceed 4.9 kg (10.8 lb).

A separate high-frequency horn shall be provided, capable of individual rotation. The acoustical crossover shall be 1,000 Hz.

The loudspeaker shall be capable of satisfactory mechanical performance in the temperature range from -40°C (-40°F) to +71 °C (+161 °F) not subject to sunlight embrittlement and resistant to damage from weather, moisture, and fungus.

A steel swivel bracket capable of either vertical or horizontal installations and a variety of adjustments is provided. The Electro-Voice FC100 is specified.