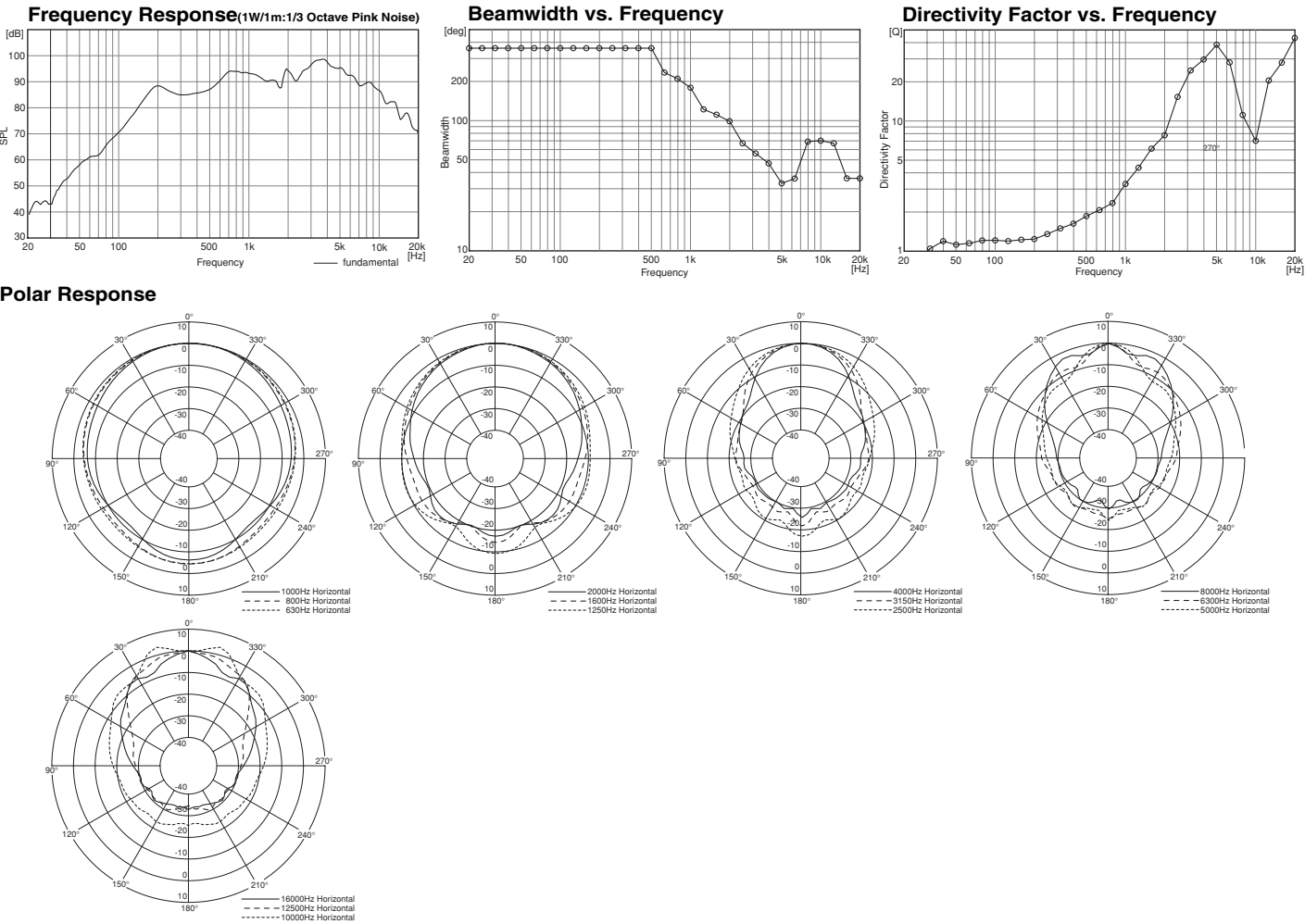




CHARACTERISTIC DIAGRAMS



ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The speaker shall be a wide-range weatherproof horn speaker suitable for paging, background music and tone signaling distribution. The speaker component shall be a 12 cm (4.72") cone-type speaker, treated for weather-resistance (equivalent to IEC IPX4). Rated input shall be 6 W. The speaker shall include a transformer having multiple taps (1W, 3W, 6W at 100 V and 0.5W, 1.5W, 3W, 6W at 70V). The sensitivity at a distance of 1m with a 1W input level applied shall be 96 dB. The speaker shall have a frequency response of 130 – 13 kHz. Horizontal and vertical dispersion at –6 dB below the on-axis reference at 2 kHz shall be 100° (H) x 100° (V).

The speaker enclosure shall be constructed of ABS resin coated with polyurethane resin paint to resist long-term exposure to ultraviolet light. The grille shall be constructed of surface-treated steel plate net, dark-gray paint. The speaker shall be available in off-white color. All mounting hardware, including screws and bolts, shall be stainless steel, which protects the speaker from corrosion. The horn speaker shall include an integral speaker cable, 2-core cabtyre cord with diameter of 6 mm (0.24") diameter. Dimensions shall be 233(W) x 224(H) x 208(D) mm (9.17" x 8.82" x 8.19"). Weight shall be 1.5 kg (3.31 lb.).

The wide-range weatherproof horn speaker shall be TOA model CS-64.

