



MF1-X™ Mark III™

Wide Range, High Efficiency
High Frequency
Horn System

SPECIFICATIONS:

Enclosure:

MF1-X™ Mark III™

**Frequency Response, 1 Meter on Axis,
Swept Sine Averaged Across Operating
Bandwidth in Anechoic Environment:**
600 Hz-16 kHz

Low Frequency Limit (-3 dB point):
600 Hz

Power Handling:

150 watts continuous (34.6 volts RMS)
300 watts program

**Sound Pressure Level, 1 Watt at 1 Meter,
Swept Sine Input in Anechoic Environment:**
112 dB

Maximum Sound Pressure Level:
131 dB

**Radiation Angle Measured at -6 dB Point of
Polar Response, Swept Sine Input:**

Horizontal Plane:	Vertical Plane:
500-10,000 Hz	500-10,000 Hz
110° +/- 5°	80° +/- 40°
10,000-16,000 Hz	10,000-16,000 Hz
115° +/- 5°	45° +/- 5°

**Directivity Factor Q, 500 Hz —16,000 Hz
Median:**

8.3 (+1.9, -4.6)

Directivity Index Di, 500—16,000 Hz Median:
9.2 dB (+0.9 dB, -4.1 dB)

Transducer Complement:

One 22A™ compression driver loaded
onto a CH™-1 constant directivity horn
with 90° H x 45° V dispersion

Crossover Frequency:
600 Hz

Crossover Type:
Passive

Crossover Slope:
12 dB/octave high pass
6 dB/octave low pass for biamp low out

Impedance (Nominal):
8 ohms

Impedance (Minimum):
5.6 ohms

Input Connections:

Two full-range female connectors in
parallel, one low out and one biamp high
only, ¼" female connectors

Enclosure Materials and Finish:

High density, 7 ply, ¾" plywood splatter-
painted black

Dimensions:

30 3/4" (78.4 cm) W x 16 1/4" (41.3 cm) H x
23 3/4" (60.6 cm) D

Net Weight:

63 lbs (28.6 kg)