



## MB™-2

Compact High-Efficiency  
Mid-Bass Horn

### SPECIFICATIONS:

#### Enclosure:

MB™-2

#### Frequency Response, 1 Meter on Axis, Swept Sine Averaged Across Operating Bandwidth in Anechoic Environment:

250 Hz - 1.2 kHz

#### Low Frequency Limit (-3 dB point):

N/A

#### Usable Low Frequency Limit (-10 dB point):

N/A

#### Power Handling:

250 watts continuous (44.7 volts RMS)  
500 watts program

#### Sound Pressure Level, 1 Watt at 1 Meter, Swept Sine Input in Anechoic Environment:

104 dB

#### Maximum Sound Pressure Level:

128 dB

#### Radiation Angle Measured At -6 dB Point of Polar Response:

##### Horizontal Plane: Vertical Plane:

250 - 500 Hz 250 - 500 Hz  
110° +/- 20° 90° +/- 10°

500 - 2,000 Hz 500 - 2,000 Hz  
100° +/- 20° 80° +/- 10°

#### Directivity Factor $R_Q$ (Q) 500 Hz - 2kHz Median:

6.2 (+1.4, -0.8)

#### Directivity Index $D_i$ 500 Hz - 2 kHz Median:

8.0 dB (+0.9 dB, -0.7 dB)

#### Transducer Complement:

(1) 12 inch 1202-4 Black Widow® low  
driver

#### Resonant Frequency ( $F_R$ ):

60 Hz

#### Impedance (Nominal):

8 ohms

#### Impedance (Minimum):

5.7 ohms

#### Input Connections:

Two 1/4" female connectors in parallel

#### Enclosure Materials and Finish:

7 ply, high-density, 3/4" plywood, finished  
in black splatter paint

#### Dimensions:

30 3/4" (77.8 cm) W x 16" (40.6 cm) H x  
25 1/2" (63.8 cm) D

#### Net Weight:

75 lbs. (34.1 kg)