



# XMD-208

## PRODUCT MANUAL

### 8" Midrange Loud Speaker

#### Specifications:

Nominal Diameter .....	8
Nominal Impedance .....	4 ohms
MAX Power Handling .....	400W
RMS Power Handling .....	200W
Sensitivity (1w/1m).....	97 dB
Frequency Response .....	85Hz-9.5KHz

#### Motor:

Voice Coil Diameter .....	1.5"/38.6 mm
Voice Coil Former Material .....	Kapton
Winding Material .....	CCAW
Cone Material .....	Paper
Surround Material .....	Cloth
Basket Material .....	Steel
Magnet Material .....	Ferrite
Magnet Weight .....	20 oz

#### Thiele & Small Parameters:

Equivalent Volume	Vas .....	19.287L
Excursion	X-max.....	9.4 mm
Free Air Resonance	Fs.....	80 Hz
Mechanical Factor	Qms .....	1.511
Electrical Factor	Qes .....	0.352
Total Factor	Qts.....	0.286
Dc Resistance	Re .....	3.2 ohms

#### Measurements

Overall Diameter .....	206/8.11" mm
Front Mount Baffle Cutout .....	182/7.1" mm
Mounting Depth .....	92.17/3.62" mm
Overall Depth .....	97.97/3.85" mm

### SPL vs Freq

