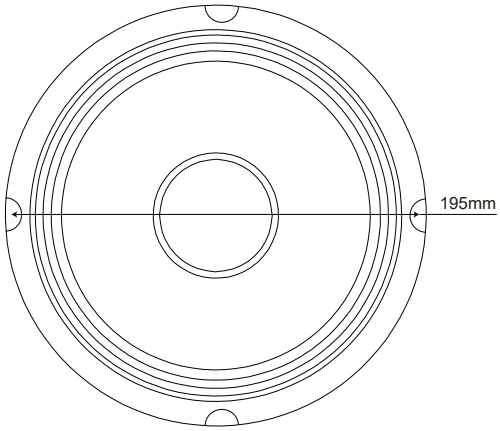
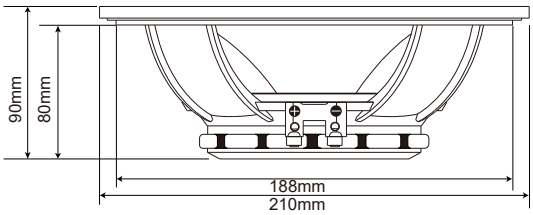
HDCMR084

- **2"/50MM** Voice Coil Diameter
- **300 W** RMS Power
- **90Hz-15.5kHz** Response Range
- **99.5 dB** Sensitivity
- **4 OHMS** Impedance





8-INCH CARBON FIBER MIDRANGE

2 in (50 mm) EICCW voice coil with a neodymium (N38H) magnet and carbon-fiber cone.
99.5 dB sensitivity, covering 90 Hz-15.5kHz

SPECIFICATIONS

Nominal Diameter	**8 in / 209 mm**
Nominal Impedance	**4 Ohm**
RMS Power Handling	**300 Watts**
MAX Power Handling	**600 Watts**
Sensitivity (1W/1m)	**90 Hz-15.5kHz**
Frequency Range	**99.5dB**
Number of Ways	**1-Way**
Pair or Single	**Single**

DRIVER SPECIFICATIONS

Voice Coil Diameter	**2 in / 50 mm**
Voice Coil Former	**KSV**
Winding Material	**EICCW**
Cone Material	**Carbon Fiber**
Surround Material	**Cloth**
Basket Material	**Aluminum**
Magnet Material	**Neodymium**
Magnet Size	**Φ24 × 8 mm (N38H)**

THIELE & SMALL PARAMETERS

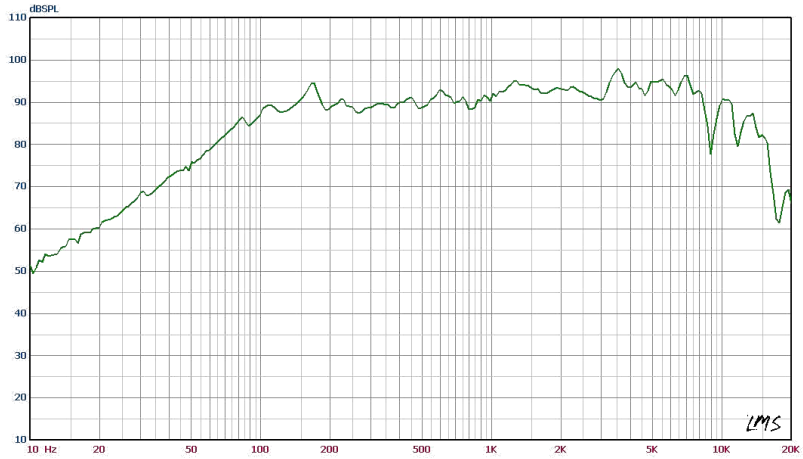
Resonant Frequency, Fs	**99 Hz**
DC Voice Coil Resistance, Re	**3.2 ohm**
Mechanical Q, QMS	**6.7**
Electrical Q, QES	**0.6**
Total Q, QTS	**0.6**
Equivalent Air Volume, VAS	**10.1 L**
Mechanical Compliance, CMS	**167.5 μm/N**
Mechanical Resistance, RMS	**7.5 kg/s**
BL Factor	**6.7 T·m**
Effective Surface Area, SD	**206 cm²**
Linear Excursion, Xmax	**1.0 mm**

MOUNTING INFORMATION

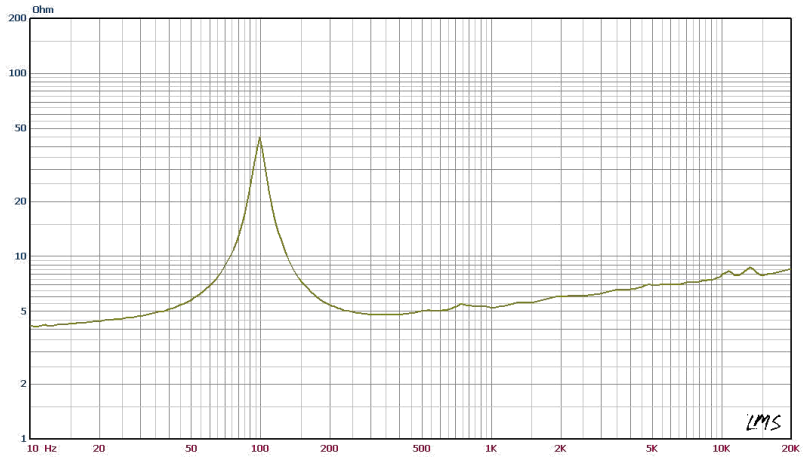
Overall Diameter	**210 mm(8.23 in)**
Overall Depth	**90 mm (3.54 in)**
Front Mount Baffle Cutout	**188 mm (7.41 in)**
Screw Hole Spacing	**195 mm (7.68 in)**
Mounting Depth	**80 mm (3.15 in)**
Net Weight	**1.7 kg (3.75 lb)**

HDCMR084

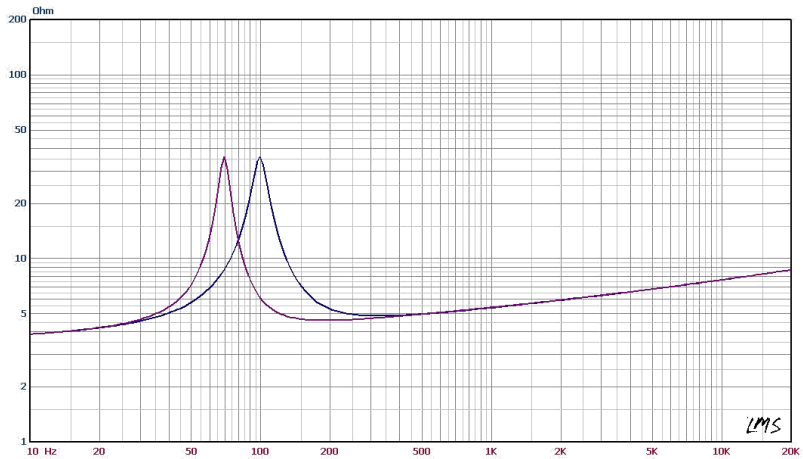
SPL VS FREQUENCY



IMPEDANCE VS FREQUENCY



IMPEDANCE VS FREQUENCY — SPEAKER & DELTA MODEL



Measured on LMS. Sensitivity 93.5 dB ± 3 dB (1W/1m).