

# PD.156 | SUB BASS DRIVER



**15" / 380 mm**  
NOMINAL DIAMETER

**650 w (A.E.S.)**  
POWER HANDLING

**96 dB**  
SENSITIVITY

**50 Hz - 1.5 kHz**  
FREQUENCY RESPONSE

**4.5" / 115 mm**  
VOICE COIL DIAMETER

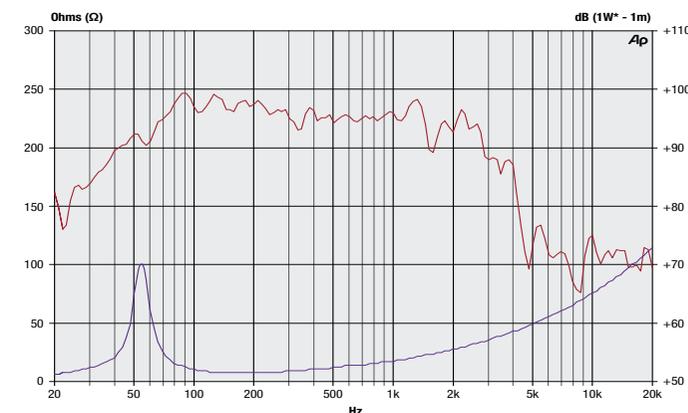
**8.1 mm Xmax**



## PRODUCT FEATURES

- ▶ Heavy-duty cast aluminium chassis for increased rigidity.
- ▶ Double suspension system.
- ▶ Easy integration with 2" compression drivers.
- ▶ Effective transducer in a variety of versatile applications.

## FREQUENCY RESPONSE AND IMPEDANCE CURVE



\*2.83V. Half space response measured in a 132 Litre vented enclosure.

## SPECIFICATIONS

Nominal Diameter	380 mm / 15"
Voice Coil Diameter	115 mm / 4.5"
Available Impedances	4 Ohms/ 8 Ohms/ 16 Ohms
Power Rating	650 w (A.E.S.)
Peak Power (6dB Crest Factor)	2600 w (A.E.S.)
Sensitivity (1w - 1m)	96 dB
Frequency Range	50 Hz - 1.5 kHz
Recommended Enclosure Volume	90 - 280 Litres
Resonance	50.25 Hz
Voice Coil Winding Depth	21 mm / 0.83"
Magnet Gap Depth	9 mm / 0.35"
Flux Density	1.5 Tesla
Magnet Material	Ceramic
Voice Coil Material	Copper
Former Material	Glass Fibre
Dust Dome Material	Paper
Suspension Material	Dual Fabric
Cone / Surround Material	Paper / Fabric

## THIELE SMALL PARAMETERS (8Ω MODEL)

Fs	50.25 Hz	Vas	93.4 litres
Re	5.69 Ω	Mms	124.55 g
Qms	7.45	Sd	907.92 cm <sup>2</sup>
Qes	0.5	Cms	80.83 μm/N
Qts	0.47	BL	20.98 T/m
Le	1 mH	Xmax	8.1 mm
L2	1.84 mH	Vd	0.648 litres
R2	17.98 Ω	Ref. Efficiency	3.63 %

\*1 Power compression is the reduction of sensitivity at the specified power. Higher power ratings do not necessarily give a proportionate increase in SPL therefore the maximum SPL of the driver may significantly exceed that of other manufacturers with high power ratings.

1. A.E.S. Standard (45 to 450 Hz).
2. A.E.S. Recommended Practice.
3. Thiele - Small Parameters follow a 650 Watt A.E.S. preconditioning period.

Please note that frequency response measurements are supplied for comparison purposes only and are not a measure of the low frequency performance which may be achievable in a fully optimised system.

## DIMENSIONS

Overall Diameter	410 mm
Width Across Flats	395 mm
Flange Height	10 mm
Depth (Excl. Flange)	143 mm
Magnet Diameter	220 mm

## MOUNTING INFORMATION

Chassis Shoulder Diameter	357 mm
Outer Bolt Circle	6x M6 on 395 mm PCD
Inner Bolt Circle	8x M6 on 370 mm PCD

## WEIGHT

Nett Weight	13.25 Kg / 29.21 lb.
Shipping Weight	14.25 Kg / 31.42 lb.