



PD.154C001

SUB BASS DRIVER



15" / 381 mm
NOMINAL DIAMETER

900 W (A.E.S.)
POWER HANDLING

98.5 dB
SENSITIVITY (1W/ 1m)

45 Hz - 1 kHz
FREQUENCY RESPONSE

4.0" / 101.6 mm
VOICE COIL DIAMETER

8.20 mm Xmax
MAXIMUM LINEAR EXCURSION

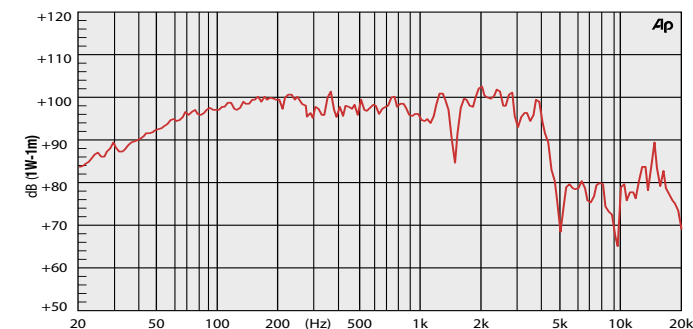


FEATURES:

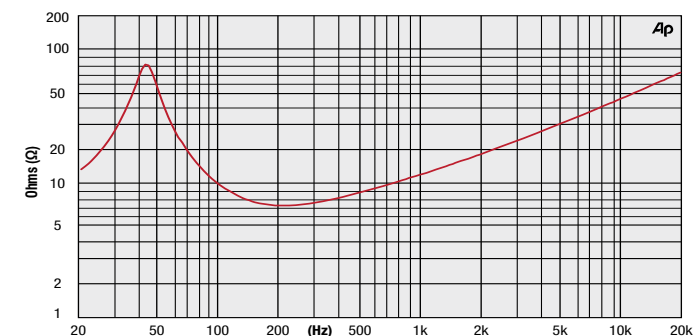
- 4" High temperature CCAW voice coil.
- Composite alloy and steel pole piece, producing a uniform and stable magnetic field.
- High BL driver in excess of 25 T/m.

Designed to faithfully reproduce powerful and accurate bass frequencies with minimal distortion and power compression. Suitable for sound reinforcement in a variety of enclosure designs.

FREQUENCY RESPONSE AND IMPEDANCE CHARTS



*2.83V. Half space response measured in a 950 Litre sealed enclosure.



*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.
** Distortion is measured at 10% of the rated power (AES Standard).

1. AES Standard (45 to 450 Hz) @ 700 Watts.
2. AES Recommended Practice.
3. Thiele - Small Parameters follow a 700 Watt 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.

GENERAL SPECIFICATIONS

Nominal Diameter	15" / 381 mm	Magnet Gap Depth	10.0 mm / 0.39"
Voice Coil Diameter	4.0" / 101.6 mm	Flux Density	1.39 Tesla
Available Impedances	4 Ohm / 8 Ohm / 16 Ohm	Magnet Material	Ceramic
Power Rating ¹² *	900 W (A.E.S.)	Voice Coil Material	Copper Clad Aluminium
Peak Power (6dB Crest Factor)*	3600 W (A.E.S.)	Former Material	Glass Fibre
Sensitivity (1W - 1m)*	98.5 dB	Dust Dome Material	Paper
Frequency Range	45 Hz - 1 kHz	Suspension Material	Fabric
Recommended Enclosure Volume	45 - 125 Litres	Cone / Surround Material	Paper / Fabric
Resonance	45 Hz		
Voice Coil Winding Depth	22.00 mm / 0.87"		

THIELE SMALL Parameters (8 Ω MODEL)³

Fs	45 Hz	Mms	119.00 g
Re	6.1 Ω	Sd	897.5 cm ²
Qms	4.29	Cms	111.90 μm/N
Qes	0.335	BL	25.50 T/m
Qts	0.311	Xmax	8.20 mm
Le (@ 1 kHz)	1.80 mH	Vd	0.730 Litres
Le (@ 10 kHz)	0.758 mH	Ref. Efficiency	3.36%
Vas	128 Litres	EBP	134.33 Hz

DIMENSIONS

Overall Diameter	408.3 mm
Width Across Flats	395 mm
Flange Height	11.0 mm
Depth (Excl. Flange)	154.10 mm
Magnet Diameter	220 mm

MOUNTING INFORMATION

Chassis Shoulder Diameter	354.2 mm
Outer Bolt Circle	x6 M6 on 394 mm PCD

WEIGHT

Nett Weight	12.80 kg / 28.22 lb
Shipping Weight	13.50 kg / 29.76 lb