

Features

The FR2201 is a coaxial unit complete with an integral crossover and PTC protection for the ferrofluid cooled tweeter. It features a symmetrical field magnet, dual rear suspensions and an extended voice coil for exceptional bass performance at high power levels. Its Thiele-Small parameters are optimised for use in very small sealed or vented enclosures. The unit has a wide-angle response enabling good coverage at up to 60° off axis making it suitable for use in venues where space is at a premium yet high quality sound with wide dispersion is needed.

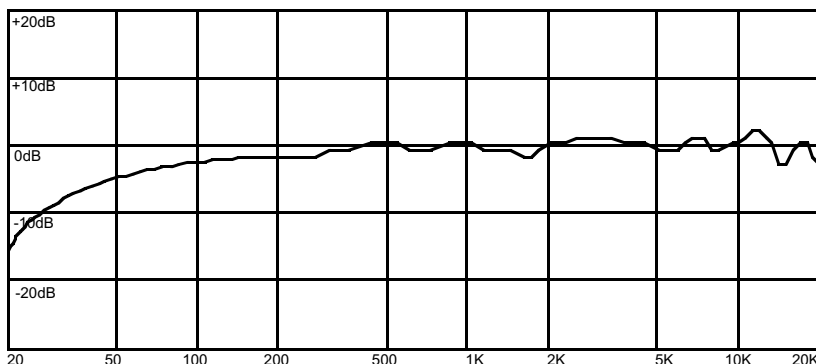


Specifications

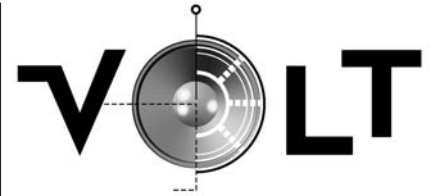
Nominal Diameter	200mm
Power capacity	150 watts AES
Sensitivity	92 dB/watt/m
Frequency range	40 - 18000Hz
Impedance	4/8/16/32 ohm
BI factor	11.5 N/A
Voice coil diameter	38mm
Voice coil material	Copper
Maximum excursion	25 peak/peak (before damage)
Magnetic assembly weight	3.6kg
Effective moving mass	0.028kg
Compliance	0.00094 M/N
Volume displaced by unit	1 litres
Connection	5mm solder terminals
Chassis	Painted diecast aluminium

Mounting Information

Overall diameter	234.5mm
Mounting bolt circle diameter	218mm
No. & size of bolts	4 x M5
Baffle cut-out diameter	192mm front mount
Baffle cut-out diameter	200mm rear mount
Depth	149mm below front flange
Depth	160mm total depth
Weight	4.65kg



On axis response curve representative of a typical production unit



FR220.1

PROFESSIONAL SERIES

200mm (8") FULL RANGE COAXIAL

APPLICATIONS

Compact Full Range PA Systems

THIELE-SMALL PARAMETERS

Fs	31Hz
Re	6.25 ohms
Qa	1.52
Qe	0.26
Qt	0.22
Vas	47litres
Xmax	±5.5mm
Sd	190 cm ²
Vd	104 cm ³
Le	1 mH

Suggested Reflex Enclosures

Volume Litres	Vent dia cm	Vent length cm	System Q	-3dB freq. Hz
4	Sealed	Box		100
8	5	18	7	67
15	5	8.5	5	56

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