

IT CAN NEVER

B²

LOUD

RIOT12D2/D4 V2**12"**

Chassis diameter

3000 W

MAX power

82.4 / 84.9 DB

Sensitivity

10 HZ-500 HZ

Frequency response

3"/76.2 MM

Copper voice coil

ELECTRO ACOUSTIC SPECIFICATIONS

Nominal Chassis Diameter	12"
MAX Power*	3000 Watts
RMS Power	1000 Watts
Impedance	DVC 2/ 4 Ohm
Resonance(natural) Frequency	29.9 / 30.4 Hz
Frequency Response	10 Hz -500 Hz
Sensitivity	82.4 / 84.92 (1w/1m)
Voice Coil Diameter	3" / 76.2 mm
Winding Material	Copper
Magnet Type	Ferrite
Motor Assembly weight	240 Oz
Cone Material	RNPP
Surround Type	Tall U Shaped Foam

MOUNTING/SHIPPING INFORMATION

Overall Diameter	12.8 / 325 in/mm
Baffle cutout Diameter	11.22 / 285 in/mm
Mounting Depth	7.23 / 186 in/mm
Total Depth	7.99 / 203 in/mm
Displacement	5.24 L / 0.185 Ft ³
Net Weight(1 PC)	12 kgs
Shipping Weight (set)	13.35 kgs
Shipping Box(set)	370 x 370 x 300 mm

THIELE SMALL PARAMETERS

FS	29.9 / 30.4 Hz
Vas	34.9 / 5.6 L
RE (series)	3.8 / 6.4 Ohm
Qms	6.55 / 6.56
Qes	0.61 / 0.7
Qts	0.55 / 0.63
Cms	90 um/N
BL ² /RE	95.5 / 81.3
MMS	300.8 / 287.3 G
Xmax (one way)	18 mm
SD	527.7 cm ²
Efficiency	0.15 / 0.15 %
Le(1 KHz)	2.72 / 3.62 mH
EBP	49 / 43.4

ENCLOSURE SUGGESTIONS

SEALED	25 L / 0.89 Ft ³
Qtc / F3	0.64 / 49.3 / 0.707 / 46.2 Hz
PORTED COMPACT	40 L / 1.41 Ft ³
Fb / Port Area / Port Length	38 Hz / 12.6 In ² / 13"
PORTED	75 L / 2.65 Ft ³
Fb / Port Area / Port Length	32 Hz / 16 In ² / 13.3"
BANDPASS 4. ORDER RATIO	3:1

* Peak power handling test. Pink noise butterworth filtered at 12 dB per octave with cutoff frequency of 50 Hz.

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