# RIOT6PWR



**6.5"**Chassis diameter

200 W MAX power

**94 DB**Sensitivity

110 HZ-10 KHZ Frequency response

1.5"/38.6 MM KCCAW voice coil

## **ELECTRO ACOUSTIC SPECIFICATIONS**

Nominal Chassis Diameter	6.5"
MAX Power*	200 Watts
RMS Power	100 Watts
Impedance	4 Ohm
Resonance(natural) Frequency	115 Hz
Frequency Response	110 Hz -10 KHz
Sensitivity	94.12 dB
Voice Coil Diameter	1.5" / 38.6 mm
Winding Material	KCCAW
Magnet Type	Ferrite
Motor Disc Weight	23 Oz
Cone Material	Coated Paper
Surround Type	Dual U Shaped

#### MOUNTING/SHIPPING INFORMATION

Overall Diameter	6.56 / 168	in/mm
Baffle cutout Diameter	6.2 / 158	in/mm
Bolt Circle Diameter	5.7 / 145	in/mm
Total Depth	3.54 / 90	in/mm
Mounting Depth	3.23 / 82	in/mm
Net Weight(1 PC)	1.6 kgs	
Shipping Weight (set)	1.8 kgs	
Shipping Box(set)	192 x 180 x	117 mm

#### THIELE SMALL PARAMETERS

FS	115 Hz
Vas	3.6 L
RE	3.8 Ohm
Qms	3.2
Qes	0.74
Qts	0.6
Cms	145 um/N
BL^2/RE	12.9
MMS	13 G
Xmax (one way)	3.5 mm
SD	132.3cm²
Efficiency	0.74 %
EBP	155

### FREQUENCY RESPONSE DATA



<sup>\*</sup> Please enquire about alternative impedance

E.S. power handling test. Prink noise bandpass filtered at 12 dB per octave with cutoff frequencies of 100 Hz and 3000 Hz. Driver mounted in free air, test signal applied at rated power for two hours.