

# ROSSO-65CD-T

# AUDIENCE

1.4" - 70W - 110dB - 8Ohm - VC 65mm

- Titanium diaphragm
- Copper cap for reduced distortion and extended HF response
- Extended upper frequency response
- Advanced ferrite motor assembly
- High sensitivity and linear frequency response
- Advanced voice coil with flat copper clad aluminum wire



## Dimensions & Weight

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	156 mm (6.1 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.0 in)
Depth	65.94 mm (2.59 in)
Net Weight	3.95 kg (8.70 lb)
Shipping Box	196 x 179 x 74 mm (7.71 x 7.04 x 2.91 in)
Gross Weight	4.06 Kg (8.95 lb)

## Replacement Diaphragm

1PTWDDLK035-RC

## NOTES :

Driver mounted on Horn H280

- (1) 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Averaged within the frequency range
- (4)  $X_{max} = [(Winding\ depth - magnetic\ gap\ depth)/2] + (Magnetic\ gap\ depth/3)$

## Specs :

Nominal Impedance	8 Ohm
RDC	6.2 Ohm
AES Power Handling (1)	70 W
Maximum Power Handling (2)	140 W
Sensitivity (1W/1m)(3)	110 dB
Frequency Range	500 - 20000 Hz
Recommended Crossover Frequency	1 kHz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Flat copper clad aluminium
Former Material	Kapton
Winding Depth	1.8 mm (0.071 in)
Xmax (4)	0.48 mm (0.019 in)
Magnetic Gap Depth	2.5 mm (0.09 in)
Diaphragm Material	Titanium
Flux Density	1.6 T
Magnet	Ferrite
Demodulation	Copper cap
Phase Plug Design	Annular
Exit Angle	18.36° conical
NET Air Volume filled by HF Driver	0.71 liters

