CELESTION

Full Range Loudspeakers AN3510



Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight Multi pack qty

Multi pack size W x D x H

Multi pack weight

115mm x 115mm x 70mm / x 4.5in 4.5in x 2.8in

250g / 0.6lb

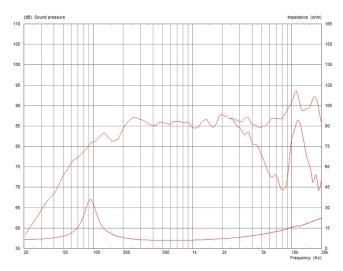
72

460mm x 635mm x 455mm / x

18.1in 25in x 17.9in

15kg / 33lb

Frequency Response and Impedance curves



3.5-inch neodymium magnet compact full range

- Square chassis profile for close coupling
- Rigid aluminium cone
- Half roll elastomer surround
- Weatherproof

70W Continuous

power rating

87dB sensitivity

1-inch voice coil

General Specifications

Nominal Diameter 88mm / 3.5in 35W Power Rating Continuous power rating 70W Rated impedance 8 ohm Sensitivity 87dB 98-18,500Hz Frequency range Chassis type Glass reinforced ABS Magnet type Neodymium Voice coil diameter 25mm / 1in Former material Polyimide Cone material Aluminium Surround material Elastomer Suspension Single Gap height (Hg) 4mm / 0.14in VC winding height (Hvc) 6.5mm / 0.23in Additional impedances 16 ohm

Mounting Information

Overall size 89.3x89.3mm / 3.52x3.52in

Overall depth 50mm / 2in Cut-out diameter 78.8mm / 3.1in Fitting 4 x M4 holes Mounting hole PCD 104mm / 4.1in Unit weight 0.16kg / 0.35lb

Sd 38.45cm2 / 5.9in2 Fs 113.4Hz Mms 3.76g / 0.13oz Qms 5.093 Qes 0.740 0.646 Ots 5.73 ohm Re Vas 1.87I / 0.07ft³ ы 4.56Tm 0.52mm/N Cms 0.53kg/s Rms Le (at 1kHz) 0.14mH 2.25mm / 0.09in **Xmax**

Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker

Continuous power rating: Defined as 3dB greater than the AES rating. Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic environment. Xmax: 0.5°(Hvc-Hg) + 0.25°Hg Parameters: Measured after unit subjected to pre-conditioning signal.

