CELESTION

FTX0617

Coaxial Loudspeakers



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

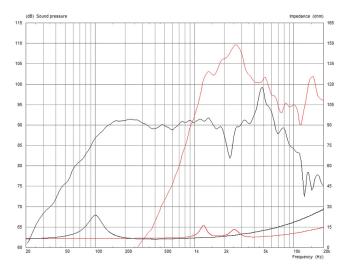
190mm x 190mm x 128mm / x 7.4in 7.4in x 5.0in 3.5kg / 7.7lb

350mm x 350mm x 240mm / x

13.7in 13.7in x 9.4in

30kg / 65lb

Frequency Response and Impedance Curves



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

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

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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

Suggested crossover design available online at celestion.com/speakerworld

6.5-inch cast aluminium chassis, ferrite magnet coaxial driver

- Ferrite magnet assembly acts as common motor for both LF and HF
- Polyimide HF diaphragm
- Demodulation ring
- 100° nominal HF coverage
- HF repair kit available

300W Continuous

92dB

1.75in

1.4in

Edgewound clad copper voice aluminium coil

Nominal Diameter 165mm / 6.5in Power Rating 150W Continuous power rating 300W Rated impedance 8 ohm Sensitivity 92dB 100-6000Hz Frequency range Chassis type Cast aluminium Magnet type Ferrite Magnet weight 0.88kg / 31oz Voice coil diameter 44mm / 1.75in Voice coil material Edgewound copper clad

aluminium Glass fibre Kevlar loaded paper Cloth-sealed Single 6mm / 0.24in

10mm / 0.4in

Mounting Information

Former material

Surround material Suspension

Gap height (Hg) VC winding height (Hvc)

Cone material

Overall diameter 189mm / 7.44in (max) Overall depth 93mm / 3.7in Cut-out diameter 150mm / 5.9in

Mounting hole dimensions 6.5x5.5mm / 0.26x0.22in

Number of mounting holes

173.5mm / 6.83in Mounting hole PCD Unit weight 3kg / 6.6lb

153.94cm² / 23.86in² Sd 100Hz Fs Mms 11.58g / 0.41oz Qms 3.651 0.925 Qes 0.738 Qts 5.52 ohm Re Vas 7.37I / 0.26ft³ 6.59Tm Cms 0.22mm/N Rms 1.99kg/s Le (at 1kHz) 0.27mH 3.5mm / 0.14in

Additional HF Specifications

Power rating 40W 80W Continuous power rating Rated impedance 8 ohm Sensitivity 103dB Frequency range 1500-20,000Hz Recommended min. crossover 12d 2200Hz

B/oct Voice coil diameter 34mm / 1.4in

Magnet type Dual-ferrite magnet motor

Diaphragm material Polvimide Surround material Polyimide

