## CELESTION

# **Coaxial Loudspeakers** FTX1530



### 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

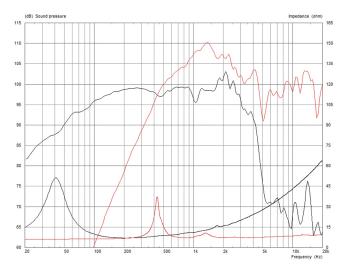
Multi pack weight

428mm x 428mm x 228mm / x 16.8in 16.8in x 8.9in 11kg / 24.2lb

1050mm x 1200mm x 950mm / 41.3in x 47.2in x 37.4in

360kg / 794lb

### **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

### 15-inch cast aluminium chassis, ferrite magnet coaxial driver

- Ferrite magnet assembly acts as common motor for both LF and HF
- Titanium HF diaphragm
- Demodulation ring
- 90° nominal HF coverage
- HF repair kit available

3in 800W 97dB 3in Continuous Edgewound clad

copper voice aluminium coil

Nominal Diameter 381mm / 15in Power Rating 400W Continuous power rating 800W Rated impedance 8 ohm Sensitivity 97dB Frequency range 40-4000Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 2.3kg / 81oz Voice coil diameter 75mm / 3in

Voice coil material Edgewound copper clad

aluminium Former material Glass fibre Cone material Kevlar loaded paper Cloth-sealed Surround material Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 16mm / 0.63in

#### **Mounting Information**

Overall diameter 387mm / 15.24in Overall depth 176mm / 6.93in Cut-out diameter 351mm / 13.82in Mounting hole dimensions 10x7mm / 0.39x0.27in

Number of mounting holes

365-375mm / 14.37-14.76in Mounting hole PCD

Unit weight 6.5kg / 14.3lb

855.30cm<sup>2</sup> / 132.57in<sup>2</sup> Sd 42.50Hz Fs 84.29g / 2.97oz Mms Qms 3.809 0.297 Qes 0.276 Qts 5.36 ohm Re Vas 172.07I / 6.08ft<sup>3</sup> 20.16Tm Cms 0.17mm/N Rms 5.91kg/s Le (at 1kHz) 0.82mH 6mm / 0.24in

#### **Additional HF Specifications**

75W Power rating 150W Continuous power rating Rated impedance 8 ohm 106.5dB Sensitivity Frequency range 800-18,000Hz Recommended min. crossover 12d 1000Hz

B/oct

Voice coil diameter 75mm / 3in

Magnet type Dual-ferrite magnet motor

Diaphragm material Titanium Surround material Polyimide

