CELESTION

Coaxial Loudspeakers FTX1025



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

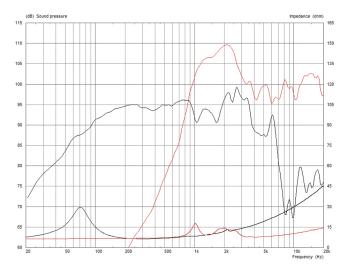
Multi pack weight

303mm x 303mm x 178mm / x 11.9in 11.9in x 7.0in 5.2kg / 11.4lb

960mm x 1070mm x 890mm / 37.7in x 42.1in x 35.0in

175kg / 205lb

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

10-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

600W 96dB Continuous

2.5in 1in

copper voice aluminium coil

Nominal Diameter 254mm / 10in Power Rating 300W Continuous power rating 600W Rated impedance 8 ohm Sensitivity 96dB Frequency range 60-5000Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 1.5kg / 54oz Voice coil diameter 64mm / 2.5in

Voice coil material Edgewound copper clad

aluminium Former material Glass fibre Surround material Cloth-sealed Suspension Single 8mm / 0.31in Gap height (Hg) VC winding height (Hvc) 14mm / 0.55in

Mounting Information

Overall diameter 260mm / 10.24in Overall depth 123mm / 4.84in Cut-out diameter 235mm / 9.25in Mounting hole dimensions 7.5x6.5mm / 0.29x0.26in

Number of mounting holes Mounting hole PCD 244-247mm / 9.6-9.7in

Unit weight 4.5kg / 9.9lb

346.36cm² / 53.69in² Sd Fs 71.50Hz 32.55g / 1.15oz Mms Qms 2.788 Qes 0.523 Qts 0.44 5.42 ohm Re 25.85I / 0.91ft³ Vas ВΙ 12.30Tm 0.15mm/N Cms 5.25kg/s Rms Le (at 1kHz) 0.48mH **Xmax** 5mm / 0.2in

Additional HF Specifications

40W Power rating Continuous power rating 80W 8 ohm Rated impedance Sensitivity 104dB Frequency range 1000-20,000Hz Recommended min. crossover 12d 2000Hz

B/oct

Voice coil diameter 25mm / 1in

Magnet type Dual-ferrite magnet motor

Diaphragm material Polyimide Surround material Polyimide

