CELESTION

Coaxial Loudspeakers TFX0615



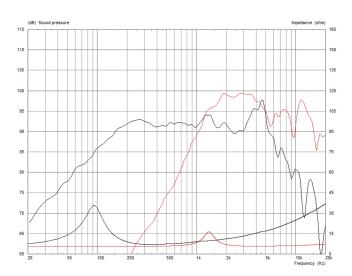
Packed Dimensions & Weight

Multi pack gtv Multi pack size W x D x H

Multi pack weight

742mm x 541mm x 300mm / x 29.2in 21.3in x 11.8in 80kg / 176lb

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.

Continuous power rating: Defined as 3dB greater than the AES rating

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 pressed steel chassis, ferrite magnet coaxial driver

Silk dome tweeter

power rating

- Integrated HF waveguide
- 110° nominal HF coverage

300W 94dB Continuous sensitivity

1.5in Round copper

voice coil

1in

General Specifications

Nominal Diameter 165mm / 6.5in Power Rating 150W Continuous power rating 300W Rated impedance 8 ohm Sensitivity 94dB Frequency range 100-6000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.81kg / 23oz 38mm / 1.5in Voice coil diameter Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 6mm / 0.24in VC winding height (Hvc) 13.5mm / 0.53in

Mounting Information

Overall diameter 178mm / 7in Overall depth 75.5mm / 3in Cut-out diameter 145mm / 5.7in Mounting hole dimensions 4mm / 0.16in Number of mounting holes Mounting hole PCD 168.5mm / 6.63in Unit weight 4.6lb / 2.1kg

Sd 153.94cm2 / 23.86in2 Fs 96.80Hz Mms 12.62g / 0.45oz Qms 3.038 0.429 Qes Qts 0.376 Re 5.39 ohm 7.18I / 0.25ft³ Vas 9.82Tm ВΙ 0.21mm/N Cms Rms 2.53kg/s Le (at 1kHz) 0.46mH 5.25mm / 0.21in **Xmax**

Additional HF Specifications

Power rating 10W Continuous power rating 20W Rated impedance 8 ohm Sensitivity 98dB 1700-20,000Hz Frequency range Recommended min. crossover 12d 2200Hz

Voice coil diameter 25mm / 1in Magnet type Neodymium Diaphragm material Silk Surround material Silk

