CELESTION

LF Loudspeakers **TRUVOX 0820**



Mounting Information

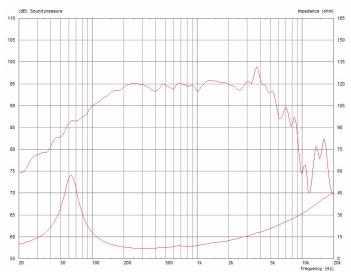
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

208.5mm / 8.21in 94mm / 3.7in 184mm / 7.24in 5.5x9.4mm / 0.22x0.37in

193-201mm / 7.6-7.9in

3kg / 6.6lb

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.

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

Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. **Xmax:** 0.5*(Hvc-Hg) + 0.25*Hg

8-inch pressed steel chassis, ferrite magnet mid/bass driver

- Lightest weight in product class
- Excellent drop-in replacement/upgrade model for 8in mid/bass applications
- FEA optimised magnet assembly
- Triple roll surround
- Robust pressed steel chassis with front and rear mounting gaskets

500W 96dB 2in sensitivity Continuous Copper voice power rating coil

General Specifications

Nominal Diameter 200mm / 8in Power Rating 250W 500W Continuous power rating Rated impedance 8 ohm Sensitivity 96dB Frequency range 70-6000Hz Chassis type Pressed steel Magnet type Ferrite Voice coil diameter 50mm / 2in Voice coil material Copper Former material Polyimide Cone material Cellulose Surround material Cloth-sealed Suspension Single 8mm / 0.31in Gap height (Hg) 14mm / 0.55in VC winding height (Hvc)

Parameters

Sd 226.98cm2/35.18in2 74.1Hz Mms 19.49 6.304 Oms Qes 0.417 Qts 0.390 6.06 ohm Re 17.25I / 0.61ft³ Vas ВΙ 11.51Tm Cms 0.24mm/N Rms 1.50kg/s Le (at 1kHz) 0.543mH 5mm / 0.2in **Xmax**

