# CELESTION

# LF Loudspeakers

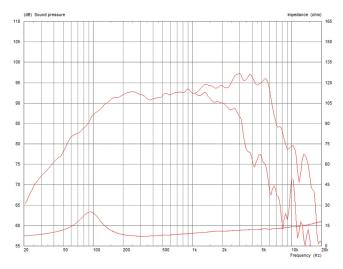
## FTR08-2011D



#### **Mounting Information**

Overall diameter 225mm / 8.8in Overall depth 102mm / 4in Cut-out diameter 187mm / 7.4in 6.5mm / 0.26in Mounting hole dimensions Number of mounting holes Mounting hole PCD 210mm / 8.3in Unit weight 3.65kg / 8lb

#### Frequency Response and Impedance Curves



### 8-inch, cast aluminium chassis, ferrite magnet mid/bass driver

- Coated Kevlar-loaded cone for enhanced weather resistance
- Copper sleeved pole reduces HF inductive rise
- Airflow vented magnet assembly for dynamic heat dispersion

**400W** Continuous power rating 93dB sensitivity

2in Round copper voice coil

#### **General Specifications**

**Nominal Diameter** 200mm / 8in Power Rating 200W Continuous power rating 400W EIA power rating 350W Rated impedance 8 ohm Sensitivity 93dB 70-6000Hz Frequency range Chassis type Cast aluminium Magnet type Ferrite Magnet weight 1.2kg / 42oz Voice coil diameter 50mm / 2in Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 15mm / 0.59in

Sd 226.98cm2 / 35.18in2 Fs 86.10Hz Mms 27.75g / 0.98oz Qms 2.238 0.541 Qes Qts 0.436 5.82 ohm Re 8.99I / 0.32ft<sup>3</sup> Vas 12.71Tm ВΙ 0.12mm/N Cms Rms 6.71kg/s Le (at 1kHz) 0.38mH 5.5mm / 0.22in **Xmax** 

#### Packed Dimensions & Weight

Single pack size W x D x H 226mm x 226mm x 130mm / x

8.9in 8.9in x 5.1in Single pack weight 3.8kg / 8.4lb

Multi pack qty

Multi pack size W x D x H 470mm x 450mm x 270mm / x

18.5in 17.7in x 10.6in

31kg / 68lb Multi pack weight

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

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

