# CELESTION

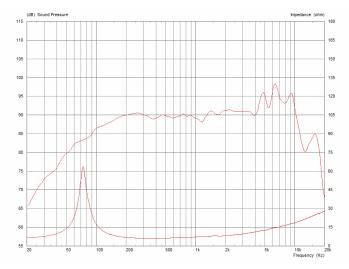
# LF Loudspeakers **TF0512HE**



#### **Mounting Information**

Overall diameter 151mm / 5.94in Overall depth 72mm / 2.83in Cut-out diameter 117mm / 4.6in 4.5mm / 0.18in Mounting hole dimensions Number of mounting holes Mounting hole PCD 140mm / 5.5in Unit weight 1.4kg / 3.1lb

## 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? anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

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

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

- Elastomer surround for increased excursion
- Enhanced low frequency performance
- Inverted dustcap for close positioning of phase plug

150W Continuous power rating 89.5dB sensitivity

1.25in

Copper clad aluminium coil voice

### **General Specifications**

**Nominal Diameter** 125mm / 5in 75W Power Rating 150W Continuous power rating Rated impedance 8 ohm Sensitivity 89.5dB Frequency range 55-4,000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.48kg / 17oz Voice coil diameter 31.75mm / 1.25in Voice coil material Copper clad aluminium Former material Polyimide Cone material Kevlar loaded paper Surround material Elastomer Suspension Single Gap height (Hg) 6mm / 0.24in VC winding height (Hvc) 12.5mm / 0.49in

#### **Parameters**

Sd 78.54cm<sup>2</sup> / 12.17in<sup>2</sup> Fs 84 7Hz Mms 8.89g / 0.31oz 9.225 Qms Qes 0.569 0.536 Ots Re 5.42 ohm Vas 3.46I / 0.12ft3 Ы 6.71Tm 0.39mm/N Cms Rms 0.51kg/s Le (at 1kHz) 0.28mH Xmax 4.75mm / 0.19in

