# CELESTION

# Legacy Loudspeakers

# FTR10-2055D (Legacy)

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





• 10in cast aluminium chassis mid/bass driver provides 400W continuous power handling and 94dB sensitivity

## **General Specifications**

Nominal Diameter Power Rating Continuous power rating EIA power rating Rated impedance Sensitivity Frequency range Chassis type Magnet type Magnet weight Voice coil diameter Voice coil material Former material Cone material Surround material Suspension Gap height (Hg) VC winding height (Hvc)

254mm / 10in 200W 400W 350W 8Ω 93.5dB 60-4000Hz Cast aluminium Ferrite 1.3kg / 36oz 50mm / 2in Round copper Glass fibre Kevlar loaded paper Cloth-sealed Single 8mm / 0.33in 16mm / 0.63in

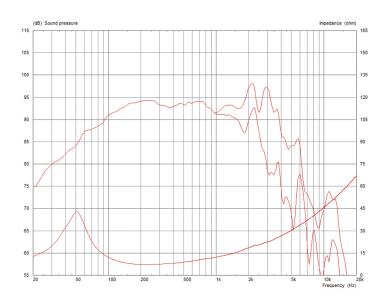
### **Mounting Information**

**Overall diameter** 260mm / 10.2in Overall depth 112mm / 4.4in Cut-out diameter 235mm / 9.25in Mounting hole dimensions 6.5x7.5mm / 0.26x0.2 9in Number of mounting holes 8 Mounting hole PCD 244-247mm / 9.6-9.7i n

Unit weight

4kg / 8.8lb

#### Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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: Hvc-Hg/2

#### **Parameters**

Sd	346.36cm2 / 53.69in <sup>2</sup>
Fs	57.50Hz
Mms	35.19g / 1.24oz
Qms	2.734
Qes	0.392
Qts	0.343
Re	5.88 Ω
Vas	36.911 / 1.30ft 3
Bi	13.81Tm
Cms	0.22mm/N
Rms	4.65kg/s
Le (at 1kHz)	0.46mH
Xmax	4mm / 0.16in

### **Packed Dimensions & Weight**

Multi pack qty	36
Multi pack size W x D x H	1080mm x 960mm x 890
	mm / 42.5in x 37.8in
	x 35in
Multi pack weight	175kg / 385lb

