## **CELESTION**

# **Legacy Loudspeakers**

# FTR12-2565D (Legacy)

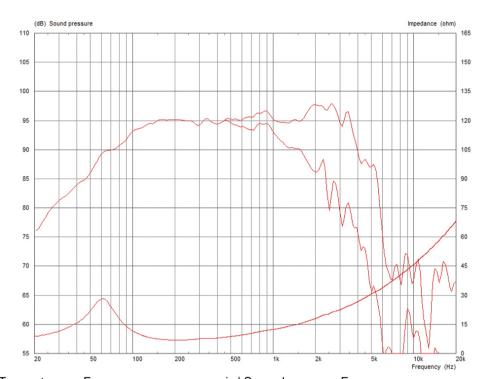






 12in cast aluminium chassis mid/bass speaker provides 500W continuous power handling and 95dB sensitivity

#### **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

### **General Specifications**

Nominal Diameter 305mm / 12in **Power Rating** 250W 500W Continuous power rating EIA power rating 400W Rated impedance  $\Omega$ 8 Sensitivity 95dB Frequency range 55-4000Hz Cast aluminium Chassis type

Magnet type

Magnet weight

Voice coil diameter

Voice coil material

Former material

Cast aldminimum

Ferrite

1.5kg / 43oz

64mm / 2.5in

Round copper

Glass fibre

Cone material Kevlar loaded paper

Surround material Cloth-sealed
Suspension Single

Xmax 4mm / 0.16in

Gap height (Hg) 8mm / 0.33in

VC winding height (Hvc) 16.5mm / 0.65in

# **Mounting Information**

Overall diameter 318mm / 12.5in

Overall depth 134mm / 5.3in

Cut-out diameter 286mm / 11.26in

Mounting hole dimensions 10x7mm / 0.39x0.27in

Number of mounting holes 8

Mounting hole PCD 298-304mm / 11.7-12.0in

Unit weight 4.5kg / 9.9lb

#### **Parameters**

Sd 530.98cm2 / 82.30in2

Fs 60.30Hz Mms 56.56g / 1.99oz

 Qms
 2.404

 Qes
 0.506

 Qts
 0.418

 Re
 563 Ω

 Vos
 40.141 /

 Vas
 49.14I / 1.74ft3

 Bi
 15.45Tm

 Cms
 0.12mm/N

 Rms
 8.91kg/s

 Le (at 1kHz)
 1.02mH

 Xmax
 4mm / 0.16in

### **Packed Dimensions & Weight**

Multi pack qty 36

Multi pack size W x D x H 1210mm x 1050mm x 700mm / 47.6

in x 41.3in x 27.6in

Multi pack weight 185kg / 410lb



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