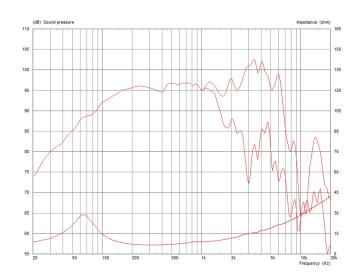
CELESTION

Legacy Loudspeakers TF1018 (LEGACY)



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: Hvc-Hg/2

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

• 10in speaker drive providing 96dB sensitivity and 100Wrms

200W 96dB 1.75in Round copper Continuous sensitivity power rating voice coil

General Specifications

Nominal Diameter 254mm / 10in 100W Power Rating Continuous power rating 200W 150W EIA power rating Rated impedance 8 ohm Sensitivity 96dB Frequency range 70-6000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.88kg / 31oz Voice coil diameter 44mm / 1.75in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 6mm / 0.24in VC winding height (Hvc) 10mm / 0.39in

Mounting Information

Overall diameter 256mm / 10.08in Overall depth 102mm / 4.0in Cut-out diameter 229mm / 9.02in Mounting hole dimensions 8x6mm / 0.31x0.24in Number of mounting holes Mounting hole PCD 245mm / 9.65in

Unit weight 2.4kg / 5.3lb

Parameters

Sd 346.36cm2 / 53.69in2 Fs 70.10Hz Mms 25.91g / 0.91oz Qms 2.426 Qes 0.493 Ots 0.409 5.80 ohm Re Vas 33.81I / 1.19ft³ 11.59Tm ΒΙ 0.20mm/N Cms 4.70kg/s Rms Le (at 1kHz) 0.50mH 2mm / 0.08in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 280mm x 280mm x 120mm / x 11.0in 11.0in x 4.7in

Single pack weight 3.0kg / 6.6lb Multi pack qty

Multi pack size W x D x H 1080mm x 880mm x 840mm / 42.5in x 34.6in x 33.1in

Multi pack weight 265kg / 585lb

