CELESTION

Legacy Loudspeakers

TF1018 (Legacy)

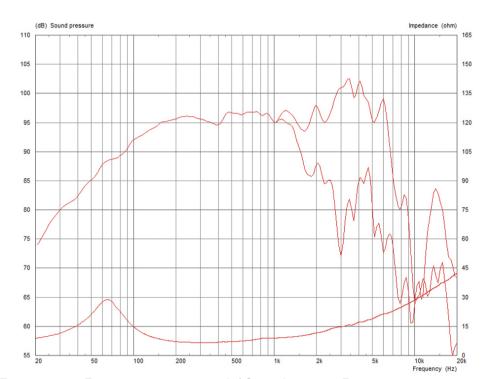






• 10in speaker drive providing 96dB sensitivity and 100Wrms

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 254mm / 10in **Power Rating** 100W 200W Continuous power rating EIA power rating 150W Rated impedance Ω 8 Sensitivity 96dB Frequency range 70-6000Hz Chassis type Pressed steel Magnet type **Ferrite** Magnet weight 0.88kg / 31oz Voice coil diameter 44mm / 1.75in Voice coil material Round copper Former material Polyimide

Cone material Kevlar loaded paper
Surround material Cloth-sealed

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Suspension Single
Xmax 2mm / 0.08in
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 4

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

 Qts
 0.409

 Re
 580 Ω

 Vas
 33.81I / 1.19ft3

 Bi
 11.59Tm

 Cms
 0.20mm/N

 Rms
 4.70kg/s

 Le (at 1kHz)
 0.50mH

 Xmax
 2mm / 0.08in

Packed Dimensions & Weight

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

x 11.0in x 4.7in

Single pack weight 3.0kg / 6.6lb

Multi pack qty 96

Multi pack size W x D x H 1080mm x 880mm x 840mm / 42.5i

n x 34.6in x 33.1in

Multi pack weight 265kg / 585lb

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