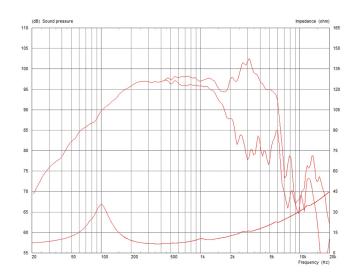
CELESTION

Legacy Loudspeakers TN1020 (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, neodymium magnet mid/ bass driver

Compact high flux Dual Magnet Motor design

Vented cast aluminium heatsink

300W 98dB Round copper sensitivity Continuous power rating voice coil

General Specifications

Nominal Diameter 254mm / 10in 150W Power Rating 300W Continuous power rating EIA power rating 250W Rated impedance 8 ohm Sensitivity 98dB Frequency range 65-4000Hz Chassis type Pressed steel Magnet type Neodymium Voice coil diameter 50mm / 2in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.32in VC winding height (Hvc) 12mm / 0.47in

Mounting Information

Overall diameter 256mm / 10.08in Overall depth 110mm / 4.3in 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 1.5kg / 3.4lb

Parameters

Sd 346.36cm2 / 53.69in2 Fs 95.00Hz Mms 29.88g / 1.05oz Qms 3.164 Qes 0.451 0.395 Ots Re 5.63 ohm Vas 16.01I / 0.57ft³ 14.93Tm ΒΙ 0.09mm/N Cms 5.63kg/s Rms Le (at 1kHz) 0.60mH 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 1.7kg / 3.7lb Multi pack qty

Multi pack size W x D x H 1008mm x 880mm x 820mm / 39.7in x 34.6in x 32.3in

Multi pack weight 200kg / 440lb

