CELESTION

Legacy Loudspeakers

NTR10-2520E (Legacy)

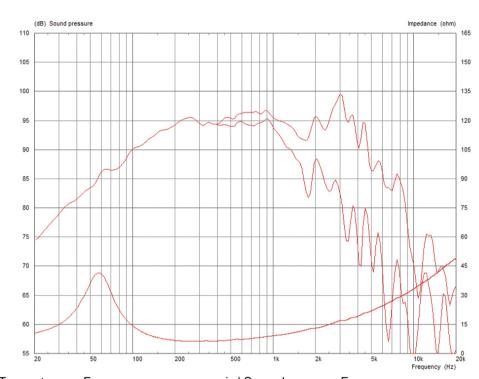






- · Vented cast aluminium heatsink
- Compact high flux Dual Magnet Motor design

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.

Hvc-Hg/2

General Specifications

Nominal Diameter 254mm / 10in **Power Rating** 250W 500W Continuous power rating Rated impedance 8Ω Sensitivity 96dB Frequency range 50-3000Hz Chassis type Cast aluminium Magnet type Neodymium Voice coil diameter 64mm / 2.5in Voice coil material Round copper Former material Glass fibre

Cone material

Surround material

Suspension

Xmax

Single

Smm / 0.2in

Gap height (Hg)

VC winding height (Hvc)

Sides fibre

Kevlar loaded paper

Cloth-sealed

Single

Smm / 0.2in

8mm / 0.32in

Mounting Information

Overall diameter 260mm / 10.24in
Overall depth 113mm / 4.45in
Cut-out diameter 235mm / 9.25in

Mounting hole dimensions 7.5x6.5mm / 0.3x0.26in

Number of mounting holes 4

Mounting hole PCD 244-247mm / 9.6-9.7in

Unit weight 2.2kg / 4.9lb

Parameters

Sd 346.36cm2 / 53.69in2

Fs 55.80Hz Mms 46.00g / 1.62oz Qms 3.244

 Qes
 0.345

 Qts
 0.312

 Re
 544 Ω

 Vas
 30.07

 Vas
 30.07I / 1.06ft3

 Bi
 15.93Tm

 Cms
 0.18mm/N

 Rms
 4.97kg/s

 Le (at 1kHz)
 0.68mH

 Xmax
 5mm / 0.2in

Packed Dimensions & Weight

Single pack size W x D x 305mm x 305mm x 150mm / 12.0in

x 12.0in x 5.9in

Single pack weight 2.5kg / 5.5lb

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 235kg / 518lb

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Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom