CELESTION

LF Loudspeakers

NTR06-1705B



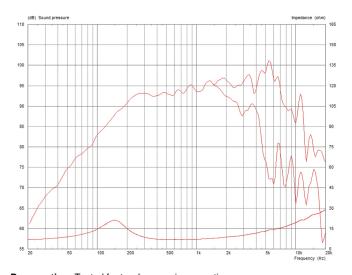
Mounting Information

Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

189mm / 7.44in (max) 71mm / 2.8in 150mm / 5.9in 6.5x5.5mm / 0.26x0.22in

173.5mm / 6.83in 0.85kg / 1.9lb

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? anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. **Xmax:** 0.5*(Hvc-Hg) + 0.25*Hg

6.5-inch cast aluminium chassis, neodymium magnet midrange driver

- Copper sleeved pole to reduce distortion
- Vented magnet assembly for more efficient cooling

300W Continuous power rating 95dB sensitivity

1.75in Copper clad aluminium coil

General Specifications

Nominal Diameter 165mm / 6.5in Power Rating 150W 300W Continuous power rating Rated impedance 8 ohm Sensitivity 95dB Frequency range 150-7000Hz Chassis type Cast aluminium Magnet type Neodymium Voice coil diameter 44mm / 1.75in Voice coil material Copper clad aluminium Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed

Single

6mm / 0.24in

11mm / 0.43in

Parameters

VC winding height (Hvc)

Gap height (Hg)

Suspension

 $153.94 cm^2 / 23.86 in^2$ Sd 132.90Hz Fs 13.26g / 0.47oz Mms Oms 1.912 Qes 0.576 0.442 Qts Re 5.94 ohm 3.63I / 0.13ft³ Vas ΒΙ 10.69Tm Cms 0.11mm/N Rms 5.79kg/s Le (at 1kHz) 0.21mH **Xmax** 4mm / 0.16in

Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight Multi pack qty

Multi pack size W x D x H

Multi pack weight

190mm x 190mm x 110mm / x

7.5in 7.5in x 4.3in 1.0kg / 2.2lb

800mm x 840mm x 740mm / x

31.4in 33.0in x 29.1in

17kg / 37.4lb

