CELESTION

Legacy Pro Audio

NTR15-3018E

15-inch cast aluminium chassis, neodymium magnet LF driver

- Coated glass-loaded cone for enhanced weather resistance
- Vented magnet assembly for more efficient cooling
- Compact high flux Dual Magnet Motor design

900W
Continuous power rating

98dB
Sensitivity

3in
Edgewound copper voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	450W
Continuous power rating	900W
Rated impedance	8 ohm
Sensitivity	98dB
Frequency range	30-3000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	75mm / 3in
Voice coil material	Edgewound copper
Former material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	10mm / 0.39in
VC winding height (Hvc)	20mm / 0.79in

Mounting Information

Overall diameter	386mm / 15.2in
Overall depth	162mm / 6.4in
Cut-out diameter	351mm / 13.8in
Mounting hole dimensions	10x7mm / 0.4x0.27in
Number of mounting holes	8
Mounting hole PCD	367-373mm / 14.4-14.7in
Unit weight	4kg / 8.8lb

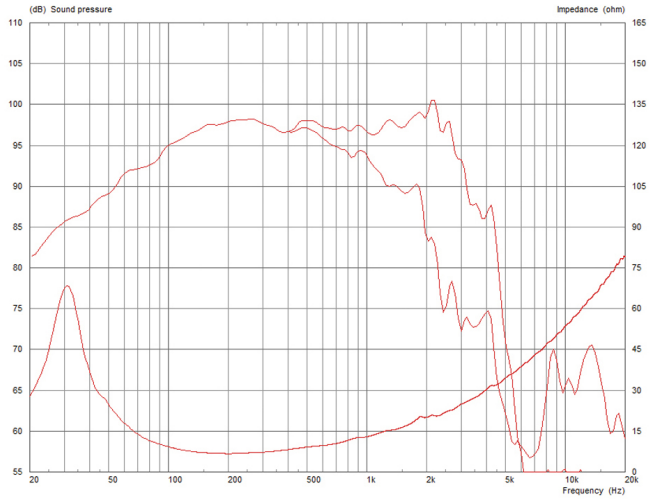
Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	34.90Hz
Mms	104.12g / 3.67oz
Qms	4.863
Qes	0.301
Qts	0.283
Re	5.85 ohm
Vas	207.27l / 7.32ft^3
Bl	21.07Tm
Cms	0.20mm/N
Rms	4.69kg/s
Le (at 1kHz)	1.18mH
Xmax	5mm / 0.2in

Packed Dimensions & Weight

Single pack size W x D x H	435mm x 435mm x 200mm / 17.1in x 17.1in x 7.9in
Single pack weight	5.0kg / 11lb
Multi pack qty	36
Multi pack size W x D x H	1200mm x 1000mm x 980mm / 47.2in x 39.4in x 38.6in
Multi pack weight	166kg / 365lb

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: Hvc-Hg/2

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