CELESTION LF Cast Chassis / Ferrite

FTR15-3070C



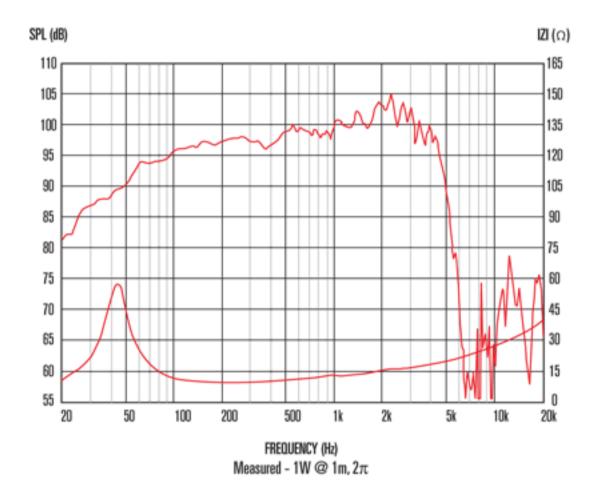




Features

- 15" ferrite woofer provides 400Wrms power handling (AES Standard) and 99dB sensitivity
- 3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- FlexiroITM surround for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Low frequency response, down to 40Hz
- Smart chassis design minimises acoustic distortion

8 Frequency Response



General Specifications

Nominal diameter	381mm/15in
Power rating1	400Wrms
Nominal impedance	8
Sensitivity2	99dB
Frequency range	40-4000Hz
Voice coil diameter	75mm/3in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	2.3kg/81oz
Coil material	Round copper
Former material	Glass fibre
Cone material	Glass loaded paper with weather-resistant
	impregnation
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	3mm/0.12in
Gap depth	10mm/0.39in

Voice coil winding width

Small Signal Parameters

D	0.33m/12.99in
Fs	40Hz
Mms	84.15g/2.97oz
Mmd	70.00g/2.47oz
Qms	7.10
Qes	0.38
Qts	0.36
Re	6.50
Vas	208.0lt/7.34ft3
BI	18.70Tm
Cms	0.20mm/N
Rms	2.86kg/s
Le (at 1kHz)	0.59mH

Mounting Information

Diameter	385mm/15.16in
Overall depth	158mm/6.22in

- 1. 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.
- 2. Measured on axis at 1W, 1m in 2 anechoic environment.
- 3. Xmax derived from: (voice coil winding width-gap depth)/2.

Cut-out diameter	351mm/13.82in
Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Number of mounting slots	8
Mounting PCD range	365-375mm/14.37-14.76in
Unit weight	6.3kg/13.8lb

Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight Multipack (36) size W x D x H

Multipack (36) weight

435mm x 435mm x 200mm /17.1in x 17.1in x 7.9in 7.7kg/17.0lb 1200mmx1000mmx980mm /47.2in x 39.4in x 38.6in 278kg/613lb

16mm/0.63in



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