LF Loudspeakers

TF1525E

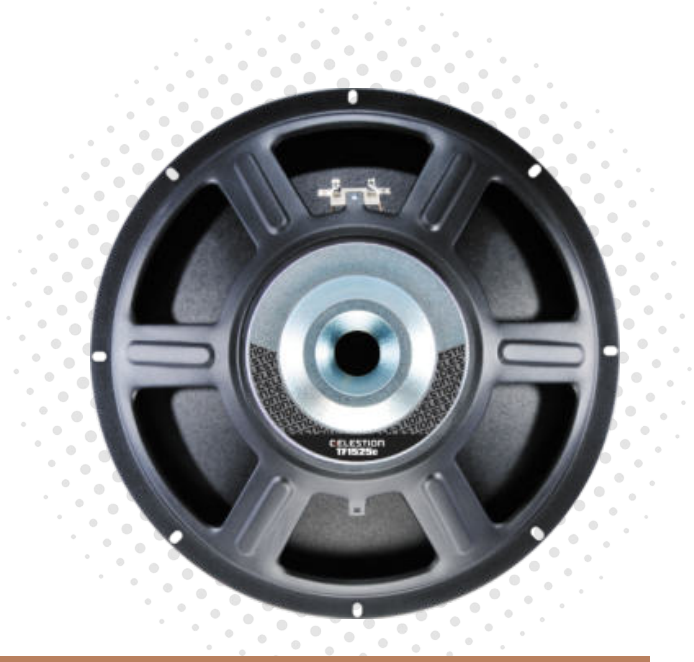
15-inch pressed steel chassis, ferrite magnet bass/mid driver

- 15in speaker driver provides extended low frequency range

600W
Continuous power rating

97dB
Sensitivity

2.5in
Edgewound copper voice coil



General Specifications

Nominal Diameter	381mm / 15in
Power Rating	300W
Continuous power rating	600W
EIA power rating	450W
Rated impedance	8 ohm
Sensitivity	97dB
Frequency range	45-3500Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg / 50oz
Voice coil diameter	64mm / 2.5in
Voice coil material	Edgewound copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	14.5mm / 0.57in
Additional impedances	4 ohm

Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	47.50Hz
Mms	82.07g / 2.89oz
Qms	4.486
Qes	0.529
Qts	0.473
Re	6.82 ohm
Vas	141.77l / 5.01ft^3
Bl	17.78Tm
Cms	0.14mm/N
Rms	5.46kg/s
Le (at 1kHz)	1.31mH
Xmax	5.25mm / 0.21in

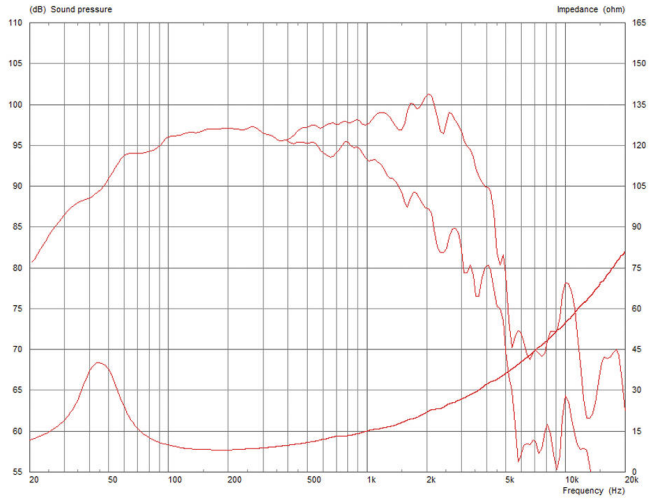
Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	163mm / 6.4in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	9.2x6.2mm / 0.36x0.24in
Number of mounting holes	8
Mounting hole PCD	369mm / 14.56in
Unit weight	4.8kg / 10.6lb

Packed Dimensions & Weight

Single pack size W x D x H	410mm x 410mm x 180mm / 16.1in x 16.1in x 7.1in
Single pack weight	5.5kg / 12.1lb
Multi pack qty	45
Multi pack size W x D x H	1200mm x 1000mm x 980mm / 47.2in x 39.4in x 38.6in
Multi pack weight	245kg / 515lb

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

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