

## LF Pressed Chassis / Ferrite

Loudspeaker type

Size

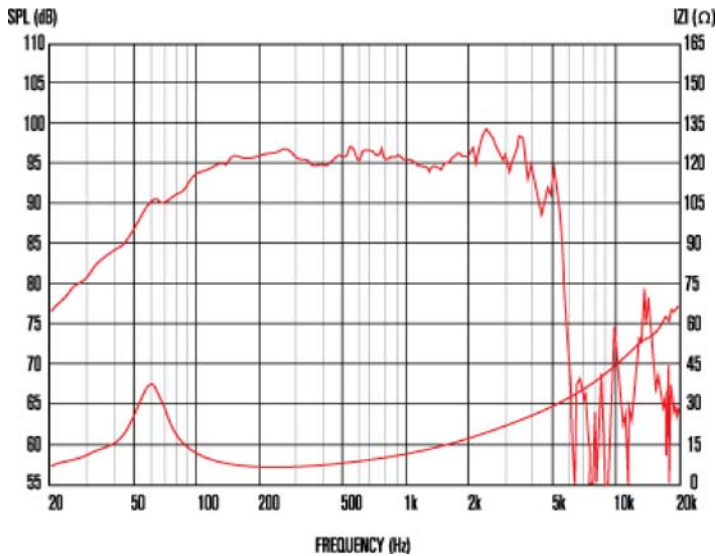
SELECT

### TF1230S



- 600W continuous power handling and 97dB sensitivity
- Tough 12" ferrite bass/mid loudspeaker with Kevlar loaded cone
- Optimised magnet assembly delivers impressive power to weight ratio
- 3" high temperature edgewound copper clad aluminium voice coil wound on glass fibre former for enhanced reliability
- Double roll surround provides exceptional linearity at extremes of cone excursion
- Robust steel chassis for maximum energy transfer
- Ideal drop in replacement for Mackie SRM450 v3/v3

#### 8Ω Frequency Response and Impedance Curves



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. Continuous Power Handling is defined as 3dB greater than the AES rating.
3. Tested as per the EIA-426-A standard
4. Measured on axis at 1W, 1m in 2π anechoic environment.
5. Xmax derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

Nominal diameter	305mm/12in
Power rating <sup>1</sup>	300Wrms
Continuous power rating <sup>2</sup>	600W
EIA power rating <sup>3</sup>	450W
Nominal impedance	8Ω
Sensitivity <sup>4</sup>	96dB
Frequency range	50-4000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed Steel
Magnet type	Ferrite
Magnet weight	1.7kg/60oz
Coil material	Edgewound copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>5</sup>	4.5mm/0.18in
Gap depth	8mm/0.31in
Voice coil winding width	17mm/0.67in

#### Small Signal Parameters<sup>6</sup>

D	0.26m/10.24in
Fs	58.5Hz
Mms	49.92g/1.75oz
Qms	3.154
Qes	0.492
Qts	0.426
Re	5.81Ω
Vas	59.15lt/2.09ft <sup>3</sup>
Bl	14.71Tm
Cms	0.148mm/N
Rms	5.82kg/s
Le (at 1kHz)	1.05mH

#### Mounting Information

Overall diameter	317.5mm/12.5in
Overall depth	137mm/5.43in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	13 x 6.6mm/0.51 x 0.26in
Number of mounting slots	8
Mounting PCD range	299mm/11.77in
Unit weight	4.3kg/9.5lb

#### Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm /13in x 13in x 5.9in
Single pack weight	5.5kg/12lb