Full Range Live Response

F12M-150 TRIPLE CONE

A full range, live response speaker for use with amp modellers and IRs



12in	2in	150W	8	97
305mm	Voice Coil	Watts	Ohm	dB

The F12M-150 is a full range, LIVE response speaker, purpose designed for use with amp modellers and IRs. Its unique design features two additional tweeter cones integrated into the main woofer cone (making it “Triple Cone”). This enables the speaker to deliver near full-range frequency performance: from 60Hz up to 12kHz, for a rich and detailed sound, whatever your set-up. Designed with Celestion’s Pro Audio know-how, response is flat and neutral, ensuring no unwanted colourations that could overwhelm the input signal. But with an optimised woofer cone and lighter moving mass the F12M-150 Triple Cone is designed to closely mimic the responsiveness of a traditional guitar speaker, delivering all the tactile feel you would expect from playing through a conventional guitar rig. It's not just FRFR, it's Full Range LIVE Response.

General Specifications

Nominal Diameter	305mm / 12in
Power Rating	150W
Rated impedance	8 ohm
Sensitivity	97dB
Chassis type	Pressed steel
Magnet type	Ceramic
Magnet weight	0.9kg / 35oz
Voice coil diameter	51mm / 2in
Voice coil material	Round copper
Frequency range	60-12,000Hz
Resonance frequency Fs	70Hz
DC resistance, Re	6.07 ohm

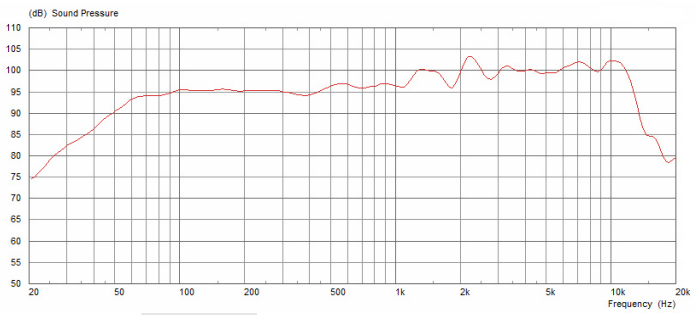
Mounting Information

Cut-out diameter	283mm / 11.1in
Diameter	309mm / 12.2in
Magnet structure diameter	145mm / 5.7in
Mounting hole dimensions	7.9mm / 0.31in
Mounting hole PCD	297mm / 11.7in
Number of mounting holes	8
Chassis depth (inc gasket)	94mm / 3.7in
Magnet depth	33mm / 1.3in
Overall depth	127mm / 5in
Unit weight	3.6kg / 7.9lb

Parameters

D	0.26m / 10.24in
Fs	69.4Hz
Mms	44.772g / 1.58oz
Qms	10.446
Qes	0.992
Qts	0.906
Re	6.07 ohm
Vas	46.89l / 1.66ft^3
Bl	10.923
Cms	0.118
Rms	1.868
Le (at 1kHz)	0.128

8 ohm Frequency Response



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