

Full Range Live Response

F12M-150 Triple Cone

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







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

 $\begin{array}{ll} \mbox{Nominal Diameter} & 305\mbox{mm} \, / \, 12\mbox{in} \\ \mbox{Power Rating} & 150\mbox{W} \\ \mbox{Rated impedance} & 8 \, \Omega \\ \mbox{Sensitivity} & 97\mbox{dB} \end{array}$

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

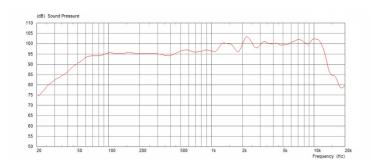
Mounting Information

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

Chassis depth (inc gasket) 94mm / 3.7in
Magnet depth 33mm / 1.3in
Overall depth 127mm / 5in
Unit weight 3.6kg / 7.9lb

8 Frequency Response



Parameters

Rms

Le (at 1kHz)

D 0.26m / 10.24in Fs 69.4Hz Mms 44.772g / 1.58oz Qms 10.446 Qes 0.992 Qts 0.906 Re 607 Ω Vas 46.89I / 1.66ft 3 Bi 10.923 Cms 0.118

1.868

0.128

