

Full Range Live Response

F12-X200

A 12-inch ceramic full-range speaker for use with amp modellers and IRs





Finally a dedicated guitar speaker for amp modellers and IRs: the F12-X200 is a truly full range driver that delivers a frequency response from 60Hz all the way up to 20kHz. The higher frequency part of the signal is reproduced using a Celestion compression driver which has been integrated using a high quality crossover circuit, this enables the F12-X200 to reproduce the full spectrum of audible frequencies for the most accurate output possible whatever your environment and set-up. The F12-X200's response is remarkably neutral with Celestion technology built in to ensure there are no unwanted colourations that can overpower the input signal. However the lighter moving mass and straighter sided cone of the type commonly used with guitar speakers gives the X200 the feel and live response of a traditional guitar speaker delivering all the physical feedback you'd expect from playing through a conventional guitar rig. It's not just FRFR, it's Full Range LIVE Response. Used with amp modellers or IRs, in a backline cab or wedge monitor, on stage or in the studio; it doesn't just sound like great guitar tone it feels like it too.

General Specifications

Nominal Diameter 305mm / 12in
Power Rating 200W
Rated impedance 8 ohm
Sensitivity 97dB

Chassis type Pressed steel

Magnet type Ceramic

Voice coil diameter 51mm / 2in

Voice coil material Round copper

Frequency range 60-20,000Hz

Resonance frequency Fs 75Hz

DC resistance, Re 5.91 ohm

Mounting Information

Cut-out diameter283mm / 11.1inDiameter309mm / 12.2inMagnet structure diameter170mm / 6.7inMounting hole dimensions7.9mm / 0.31inMounting hole PCD297mm / 11.7in

Number of mounting holes 8

 Chassis depth (inc gasket)
 98mm / 3.86in

 Magnet depth
 67mm / 2.64in

 Overall depth
 165mm / 6.5in

 Unit weight
 4.1kg / 9.1lb

Parameters

Rms

D 0.26m / 10.24in

Fs 69.8Hz

Mms 50.19g / 1.77oz

 Qms
 12.007

 Qes
 0.831

 Qts
 0.777

 Re
 5.91 ohm

 Vas
 47.31 / 1.67ft³

 BI
 12.5

 Cms
 0.103

Le (at 1kHz) 0.102mH (complete system)

1.834

8 ohm Frequency Response



