

EJ Jordan



JORDAN JX92HD. PRELIMINARY BROCHURE!

The JX92 has remained the same for many years and all other units have been through upgrades, which is why we are now happy to introduce two new upgrades of the 92; The 92 HD and HD+ (see separate brochure).

The 92 HD looks exactly the same as the 92, from the outside, which is deliberate to make it an easy upgrade in previous designs. The 92 HD matches the standard 92 parameters close enough to just replace the driver in your current design.

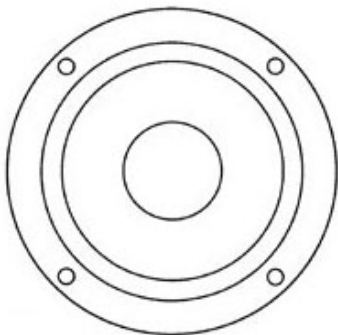
The main difference is in the high frequency, starting from 3Khz and up. As shown in the impedance curve comparison below, the HighFrequency impedance has been vastly improved, giving the 92HD a very open, 3 dimensional, dynamic and detailed HF response.

The 92HD is an outstanding performer in a single driver system and due to the simplicity, not having to use complex filters, it's easy to build your own High End speaker system system in many different applications. For those of you still wanting to cross over to a tweeter at HF, the HD is probably the preferred driver over HD+

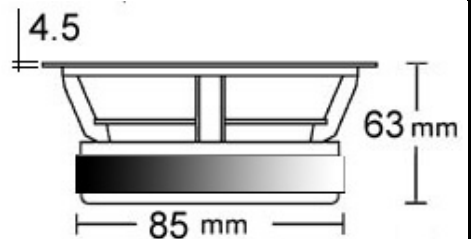
The standard 92 is not replaced by the new drivers and will still be produced in parallel since we have sold so many over the years and there will be a need for replacement units etc. for a long time still.

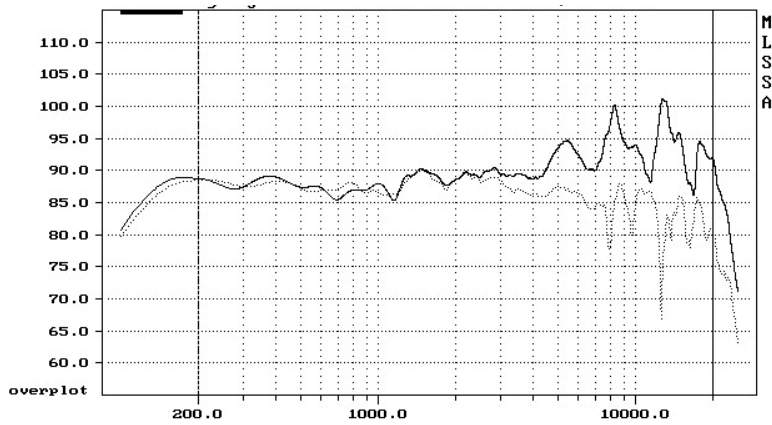
NEW: All new JX92 drivers will now come with individual factory parameters! Available JUNE 2011.

140 mm

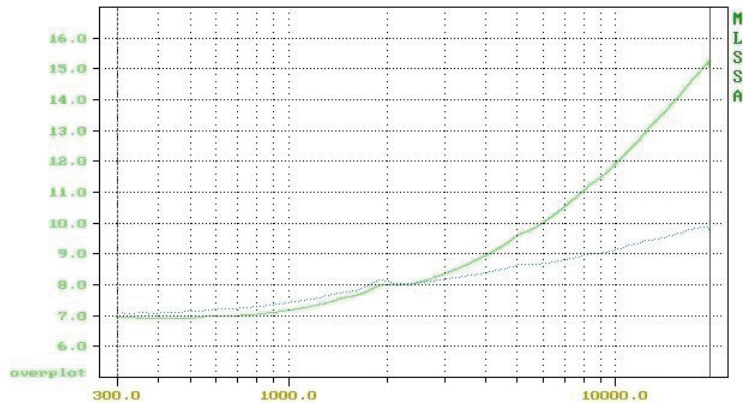


fixing holes 4 x 5mm on 132 PCD
baffle cutout 113mm





Frequency



Impedance, Std vs. HD (Dotted)

Parameters

Thiele/Small Parameters, (8 ohm)

Title: Measured Parameters
 Method: Fixed-Mmd (6.300 grams)
 DCR mode: Fixed (5.48 ohms)
 Area (Sd): 78.58 sq cm
 Series resistance: 75.00 ohms
 Stimulus level: 3.83 volts
 SPLref reference impedance: NONE
 Large units (volume = liters, mass = grams)
 0.578 "RMSE-free Ohms"
 49.782 "Fs Hz"
 5.480 "Re Ohms"
 16.013 "Res Ohms"
 2.066 "Qms "
 0.707 "Qes "
 0.527 "Qts "
 0.043 "L1 mH"
 0.466 "L2 mH"
 1.937 "R2 Ohms"
 0.000 "RMSE-load Ohms"
 13.242 "Vas(Sd) liters"
 6.694 "Mms(Sd) grams"
 1526.848 "Cms(Sd) æM/Newton"
 4.029 "Bl(Sd) Tesla-M"
 85.467 "SPLref(Sd) dB "
 0.035 "Rub-index "
 X-max +/- 4.5mm (9 m.m. p-p)
 Power 60W cont. 100W Max. In music

Test conditions:

Break in : 15min at 10V at resonance.

Equipment : MLSSA 10 WI Rev 8 with RCAI Box

Stimulus level for Parameter measurement : 3.83 V and 2.83 V for SPL.

Frequency plot (2 pi measurement) in flat baffle. Anechoic chamber 4 mtr width x 3 mtr depth. Walls lined up with 1 1/2' high density glass wool wedges.

Microphone : G.R.A.S. 1/2" Free Field Microphone 40AC with Preamp 26AK and Power module: 12AK

Temperature : 24 deg C, Humidity 80%

Fs Method : Fixed Mass

All parameters are preliminary and subject to change.