

dB Burn

SPL & High Pressure by **ESB AUDIO**

DB2-8 8"/200 MM HIGH EFFICIENCY MID-WOOFER

MAIN FEATURES

Nominal Diameter: 8"/200 mm
 Nominal Impedance (Znom): 4 Ohms
 Continuous Power Handling*: 235 W
 Peak Power Handling: 470 W
 Rec. Amplifier Power: 60 - 300W (RMS)
 Frequency Response: 75 - 8.500 Hz

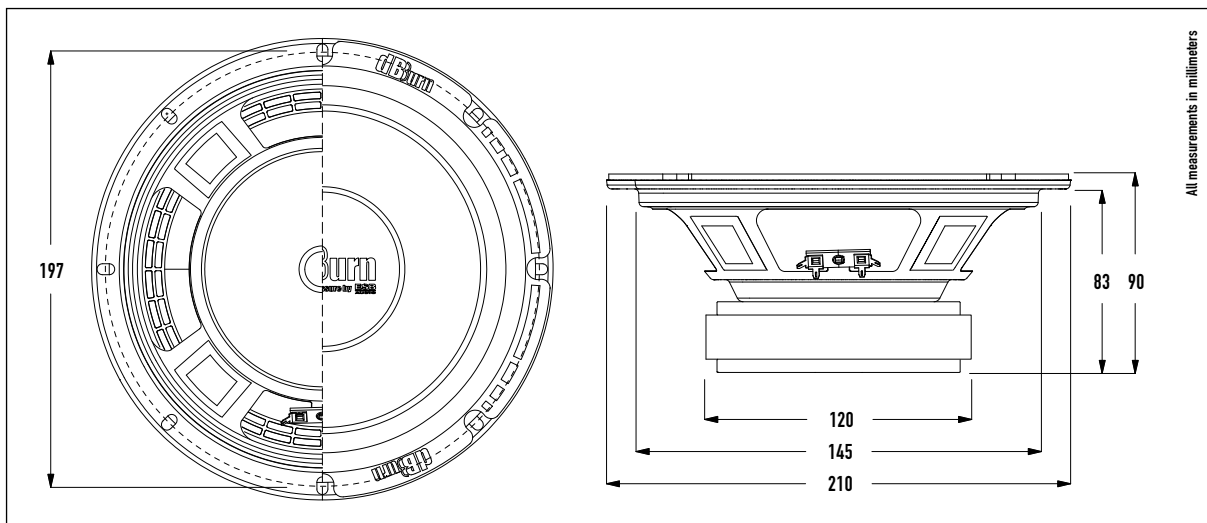
PARAMETERS

Voice Coil Resistance (Re): 3.4 Ohms
 Voice Coil Diameter: 50.8 mm
 Free Air Resonance (Fs): 76.9 Hz
 Sensitivity: 93.0 dB @ 1W/1m
 96.0 dB @ 2.83V/1m
 Electrical "Q" (Qes): 0.569
 Mechanical "Q" (Qms): 5.462
 Total Speaker "Q" (Qts): 0.515
 Equivalent Compliance (Vas): 16.111 lt
 Moving Mass (Mms): 17.369 g
 Mech. Compliance (Cms): 0.246 mm/N
 Magnetic Strength (BL): 7.08 N/A
 Effective Piston Area (Sd): 216 sq. cm
 One-Way Linear Excursion (Xmax): 4.45 mm

DESIGN BANDWIDTH

With 48 dB/oct. HP filters: 55 Hz - 9 KHz
 With 24 dB/oct. HP filters: 65 Hz - 9 KHz
 With 12 dB/oct. HP filters: 75 Hz - 9 KHz

* Power handling with HP filter as suggested below



FREQUENCY RESPONSE vs IMPEDANCE

