

# dBBurn

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

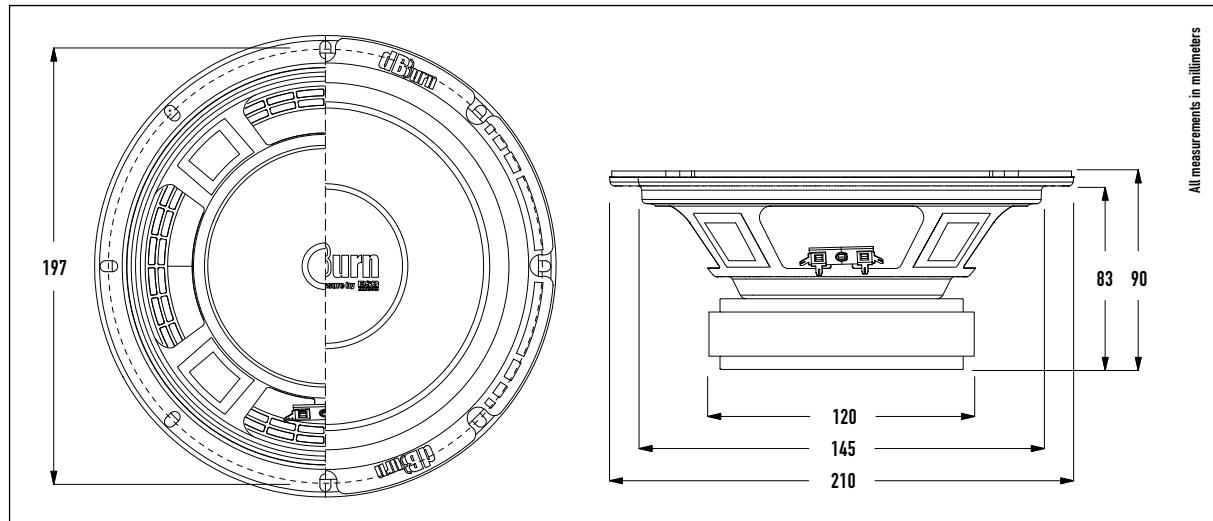
### PARAMETERS

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

