



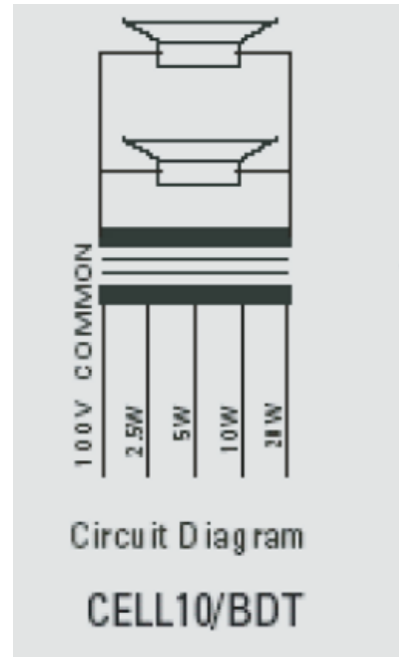
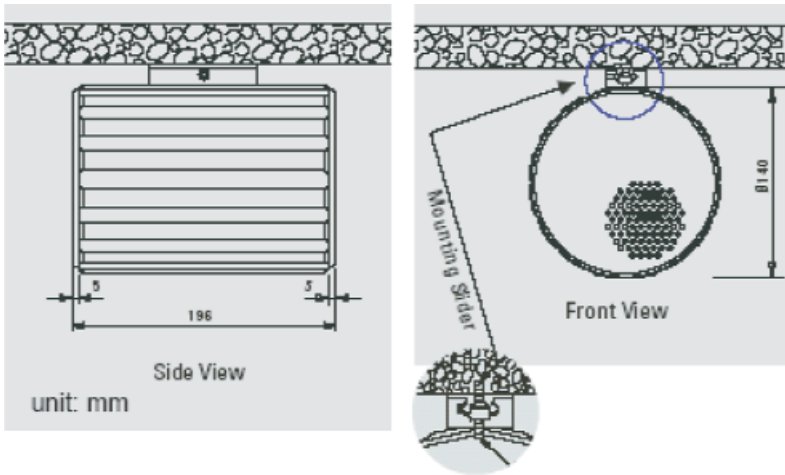
Metal Sound Projector Bi- Directional Loudspeakers

CELL10/BDT & CELL10/BDTC

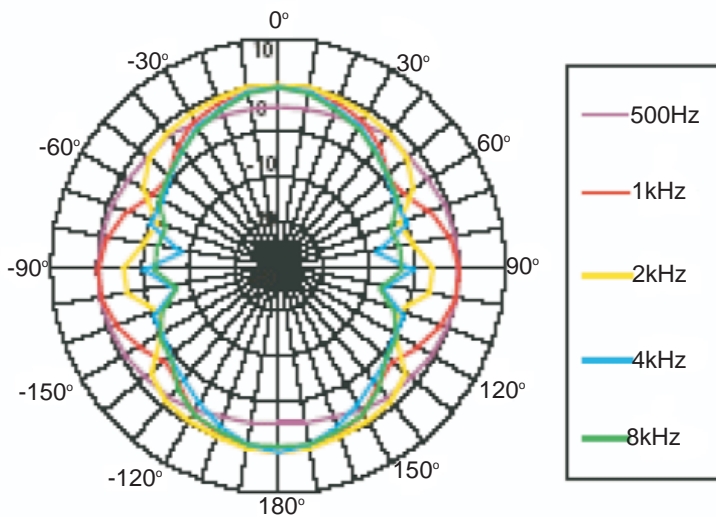
Technical Specification

Rated power, Watts	20 (10W x 2, Bi-directional)
Tappings 100 Volt line, Watts	20/ 10/ 5/ 2.5
Transformer Impedance, Ohms, 100V	500/ 1k/ 2k/ 4k
Tappings 70.7 Volt line Watts	10/ 5/ 2.5/ 1.25
Driver Impedance, Ohms	4
Effective frequency range, Hz (BS6840)	120 - 18,000
S.P.L. @ 1m, 1 Watt, dB, Test Signal	
Bandwidth 100Hz-10kHz	88
S.P.L. @ Full Power Octave Bandwidth, dB	101
Acoustic Power (dB-PWL@1 Watt) 1k/2kHz	87/89
Dispersion at 1k/2kHz, Degrees	160/120 (each direction)
Directivity Axial Q factor, 1k/2kHz	2.20/2.80 (each direction)
Dimensions, front & back, mm	ø140 x 196
Net weight, kgs	2.40
Colour/Finish	White RAL9016
Material	Aluminium with stainless steel hardware
Mounting	Aluminium sliding bracket

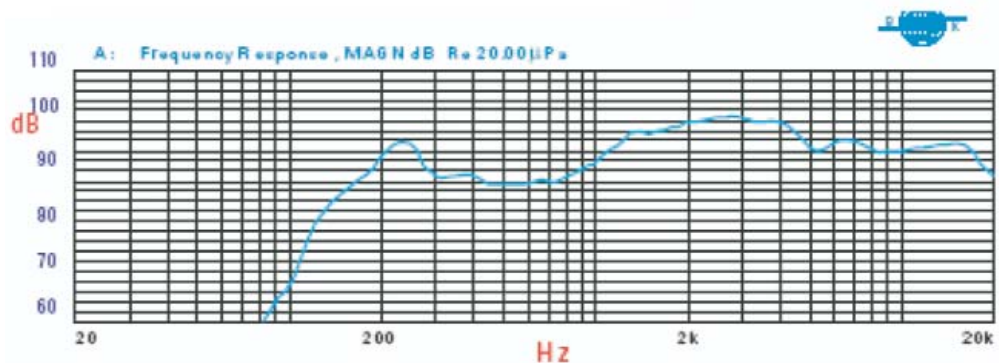
SPECIFICATIONS



Circuit Diagram



Frequency Response



Ordering Information

Reference	Part Number	Description
CELL10/BDT	570.503.002	10W Metal Bi-Directional Speaker
CELL10/BDTC	570.503.001	110W Metal Bi-Directional Speaker, BS5839 Part 8 Compliant

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