

# METAL SOUND PROJECTORS BI-DIRECTIONAL



➤ **CELL 10/BDT**

➤ **CELL 10/BDTC**

## TECHNICAL SPECIFICATIONS

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 (BSEN60268-5)	120-18,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz – 10 KHz	88
S.P.L. @ Full power, Octave Bandwidth, dB	101
Acoustic Power (dB-PWL@1 Watt) 1k/2k Hz, dB	87/89
Dispersion at 1k/2k Hz, Degrees	160/120 (each direction)
Directivity Axial Q factor, 1k/2kHz	2.2/2.8 (each direction)
Dimensions, front & depth, mm	Ø140 x 196
Net weight, Kgs	2.40
Colour/Finish	White RAL9016
Material	Aluminium with Stainless Steel hardware
Mounting	Aluminium sliding bracket

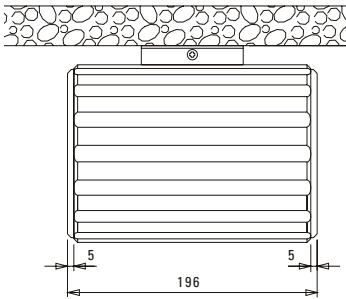
- CELL10/BDTC is BS5839 Part 8 Voice Alarm compliant
- CELL10/BDT supplied with 300mm 5 core cable
- CELL10/BDTC supplied with 300mm 5 core heat resistant Teflon coated cable

EASE, CATT, ULYSSES and Architectural specifications are supplied on the disc inserted at the back of this folder  
Manufacturer reserves the right to alter specifications without notice – June 2008

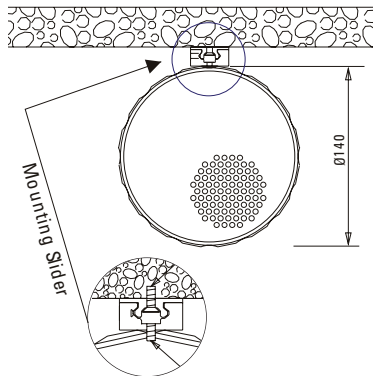
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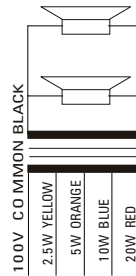
▼ side view  
unit: **mm**



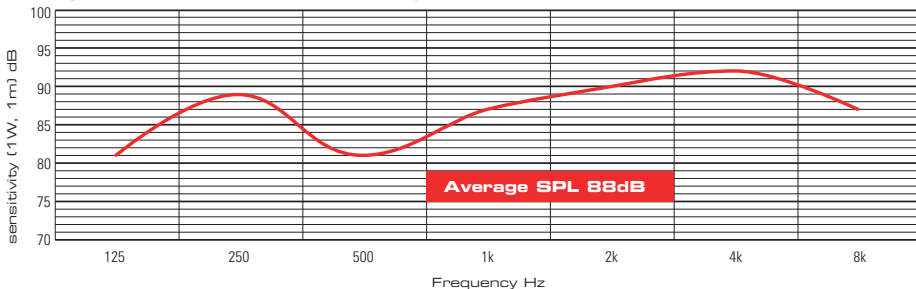
▼ front view  
unit: **mm**



▼ circuit diagram  
**CELL 10/BDT**



### speech octave band sensitivity



Effective Frequency Range ▶ **CELL10/BDT CELL10/BDTC** 120Hz - 18,000Hz



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