

METAL SOUND PROJECTOR BI-DIRECTIONAL

➤ CELL 10/BDT



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model CELL10/BDT or equal and approved. The speaker enclosure shall be constructed of high grade extruded aluminium with mesh grilles, epoxy coated to match the enclosure. The unit will be sealed. Mounting will be via a sliding two-part lockable aluminium bracket. The speaker assembly shall comprise of 2 x 130mm dual cone loudspeakers.

A maximum of 10 watts per speaker (2 x 10 watts) will be required. A 10 watt/100 volt line, factory fitted transformer shall provide 3dB power tapplings to each driver.

Connection will be provided by a factory fitted, five core cable tail providing transformer tapping selection.

The loudspeakers shall have a wide dispersion. The cones shall be high compliance units with a smooth extended frequency response.

RATED POWER	20w (10w x 2, Bi-directional)
TAPPINGS 100v LINE	20/10/5/2.5w
EFFECTIVE FREQUENCY RANGE	120 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	88dB
DISPERSION AT 1k/2kHz	160/120
AXIAL Q FACTOR AT 1k/2kHz	2.2/2.8
COLOUR	WHITE RAL9016

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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CELL 10/BDTC



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A maximum of 10 watts per speaker (2 x 10 watts) will be required. A 10 watt/100 volt line, factory fitted transformer shall provide 3dB power tapplings to each driver.

Connection will be provided by a factory fitted, 5-core cable tail providing transformer tapping selection.

The loudspeakers shall have a wide dispersion. The cone shall be a high compliance units with a smooth extended frequency response.

The CELL10/BDTC will be suitable for voice alarm applications and will be supplied with ceramic terminals and a thermal fuse rated at 150°. A 5-core fire rated cable tail will be provided for external connection of speaker tapplings.

This loudspeaker must be compliant to BS5839 part 8 & EN60849.

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