

# METAL SOUND PROJECTOR

## CELL 10/T



## ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model CELL10/T or equal and approved. The speaker enclosure shall be constructed of high-grade extruded aluminium with a mesh grille, epoxy coated to match the enclosure. The mounting will be via a "U" shaped aluminium bracket. The speaker assembly shall comprise of 130mm dual cone loudspeaker.

A 10 watt/100 volt line, factory fitted transformer shall provide 3dB power taps. Power selection is via multi-core cable.

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

RATED POWER	10w
TAPPINGS 100v LINE	10/5/2.5/1.25w
EFFECTIVE FREQUENCY RANGE	100 - 15kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	91dB
DISPERSION AT 1k/2kHz	180/120
AXIAL Q FACTOR AT 1k/2kHz	2.8/5.9
COLOUR	WHITE RAL9016

All units to be tested in accordance with BSEN60268-5



### Penton UK Ltd

Unit 2 Teville Industrials | Dominion Way | Worthing | West Sussex | BN14 8NW

T: +44 (0)1903 215315 | F: +44(0)1903 215415 | E: SALES@PENTONUK.CO.UK

[www.pentonuk.co.uk](http://www.pentonuk.co.uk)

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# METAL SOUND PROJECTOR

## CELL 10/TC



## ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model CELL10/TC or equal and approved. The speaker enclosure shall be constructed of high-grade extruded aluminium with a mesh grille, epoxy coated to match the enclosure. The mounting will be via a "U" shaped aluminium bracket. The speaker assembly shall comprise of 130mm dual cone loudspeaker.

A 10 watt/100 volt line, factory fitted transformer shall provide 3dB power taps.

Cable entry shall be via a single 16mm cable entry mounted on a removable rear cover.

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

The CELL10/TC will be suitable for voice alarm applications and will be supplied with ceramic terminals to take 2 x 2.5mm<sup>2</sup> conductors and a thermal fuse rated at 150°. A 4-core fire rated cable tail should be added to ensure full compliance or the addition of a second cable entry to allow "loop in, loop out" termination.

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

<b>RATED POWER</b>	<b>10w</b>
<b>TAPPINGS 100v LINE</b>	<b>10/5/2.5/1.25w</b>
<b>EFFECTIVE FREQUENCY RANGE</b>	<b>100 - 15kHz</b>
<b>SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)</b>	<b>91dB</b>
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