

# VANDALPROOF SQUARE FLUSH MOUNT METAL CABINET LOUDSPEAKER WITH LED STROBE

➤ **SENTRY6/TBBCL**



## ARCHITECTS & ENGINEERS SPECIFICATION

### SPEAKER

This unit shall be the PENTON model SENTRY6/TBBCL or equal and approved. The assembly shall comprise of a 140mm diameter dual coned loudspeaker and shall be fitted with a 6 watt/100 volt line factory fitted transformer with the power taps clearly marked on the assembly.

The flush mount loudspeaker cabinet shall be constructed as a two-part unit to enable first and second fix installation. The back box will be manufactured in galvanised steel. Cable entry will be via 2 x 20mm cable entries located on the side and rear of the cabinet. The speaker with integrated chassis and grille will be constructed in steel and epoxy powder coated.

Loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

The SENTRY6/TBBCL will be suitable for voice alarm applications and will be supplied with ceramic terminals able to take up to 2 x 2.5mm<sup>2</sup> conductors per terminal and a thermal fuse rated at 150°.

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

### BEACON

The SENTRY6/TBBCL shall be fitted with a high intensity, low profile beacon mounted in the centre of the speaker grill for maximum visibility. The beacon will be fitted with a RED LED and a clear lens.

<b>RATED POWER</b>	<b>6w</b>
<b>TAPPINGS 100v LINE</b>	<b>6/3/1.5/0.75/0.25w</b>
<b>EFFECTIVE FREQUENCY RANGE</b>	<b>180 - 17kHz</b>
<b>SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)</b>	<b>92dB</b>
<b>DISPERSION AT 1k/2kHz</b>	<b>130/120</b>
<b>AXIAL Q FACTOR AT 1k/2kHz</b>	<b>2.3/4.9</b>
<b>COLOUR</b>	<b>WHITE RAL9016</b>
<b>VOLTAGE / CURRENT LED STROBE</b>	<b>24VDC POLARIZED, 6.3mA (0.15w)</b>
<b>FLASH RATE OF STROBE PER MINUTE</b>	<b>55 - 60</b>
<b>INTENSITY OF STROBE IN LUX @ 75mm</b>	<b>57</b>

All units to be tested in accordance with BSEN60268-5



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