

VANDALPROOF BI-DIRECTIONAL METAL CABINET LOUDSPEAKER

➤ **SENTRY6/BDTC**



ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model SENTRY6/BDTC or equal and approved. The loudspeaker cabinet shall be a two-part epoxy coated steel fabrication with two inner metal mesh grilles covering the drive units. The speaker assembly shall comprise of 2 x 80mm diameter dual coned mid-range loudspeakers and a 6 watt/100 volt line factory fitted transformer with the power taps clearly marked on the assembly.

Cable entry will be via 2 x 20mm cable entries located at the top of the cabinet and via concealed universal mounting holes (for standard UK electrical junction boxes) at the rear.

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

The SENTRY6/BDTC will be suitable for voice alarm applications and will be supplied with ceramic terminals to take 2 x 2.5mm² conductors and a thermal fuse rated at 150°.

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

RATED POWER	6w
TAPPINGS 100v LINE	6/3/1.5/0.75w
EFFECTIVE FREQUENCY RANGE	170 - 10kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	88dB
DISPERSION AT 1k/2kHz	90/89
AXIAL Q FACTOR AT 1k/2kHz	0.6/0.7
COLOUR	WHITE RAL9016

All units to be tested in accordance with BSEN60268-5



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