

WEATHERPROOF HORN LOUDSPEAKER

➤ PH10/T



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH10/T or equal and approved. The horn enclosure shall be constructed of high impact ABS with UV inhibitors and non-perishable gaskets to prevent the ingress of water or dust and be rated to a minimum of IP66. The unit will be mounted via a stainless steel "U" bracket and fixings. The speaker assembly shall comprise of a high-density phenolic resin diaphragm housed in a flared chamber, 200mm long x 138mm diameter.

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

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

| | |
|---|-----------------------|
| RATED POWER | 10w |
| TAPPINGS 100v LINE | 10/5/2.5/1.25w |
| EFFECTIVE FREQUENCY RANGE | 400 - 8kHz |
| SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz) | 97dB |
| DISPERSION AT 1k/2kHz | 180/110 |
| AXIAL Q FACTOR AT 1k/2kHz | 2.8/6.6 |
| COLOUR | GREY RAL7035 |

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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WEATHERPROOF HORN LOUDSPEAKER

➤ **PH10/TC**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH10/TC or equal and approved. The horn enclosure shall be constructed of high impact ABS with UV inhibitors and non-perishable gaskets to prevent the ingress of water or dust and be rated to a minimum of IP66. The unit will be mounted via a stainless steel "U" bracket and fixings. The speaker assembly shall comprise of a high-density phenolic resin diaphragm housed in a flared chamber, 200mm long x 138mm diameter.

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

Cable entry will be via a single gland located at the rear of the cabinet on a removable rear cover.

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

The PH10/TC 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°. 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.

| | |
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