

WEATHERPROOF HORN LOUDSPEAKER

➤ PH20/T



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH20/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, 254mm long x 203mm diameter.

A 20 watt/100 volt line, factory fitted transformer shall provide 3dB power taps

Cable entry shall be via 2 x PG9 cable entries, 1 x cable gland and 1 x blanking plug will be mounted on a removable rear cover and will be supplied with terminals to take 2 x 2.5mm² conductors.

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

RATED POWER	20w
TAPPINGS 100v LINE	20/10/5/2.5w
EFFECTIVE FREQUENCY RANGE	250 - 8kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	101dB
DISPERSION AT 1k/2kHz	130/70
AXIAL Q FACTOR AT 1k/2kHz	4.9/13.6
COLOUR	GREY RAL7035

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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WEATHERPROOF HORN LOUDSPEAKER

➤ **PH20/TC**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH20/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, 254 mm long x 203 mm diameter.

A 20 watt/100 volt line, factory fitted transformer shall provide 3dB power taps

Cable entry shall be via 2 x PG9 cable entries, 1 x cable gland and 1 x blanking plug will be mounted 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 PH20/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.

RATED POWER	20w
TAPPINGS 100v LINE	20/10/5/2.5w
EFFECTIVE FREQUENCY RANGE	250 - 8kHz
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