

WEATHERPROOF HORN LOUDSPEAKER

➤ **PH30/T**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH30/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, 287mm long x 238mm diameter.

A 30 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 ceramic 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	30w
TAPPINGS 100v LINE	30/15/7.5/3.75w
EFFECTIVE FREQUENCY RANGE	330 - 8kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	103dB
DISPERSION AT 1k/2kHz	110/70
AXIAL Q FACTOR AT 1k/2kHz	6.2/15.1
COLOUR	GREY RAL7035

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

ISSUE NOVEMBER 2011

WEATHERPROOF HORN LOUDSPEAKER

➤ **PH30/TC**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PH30/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, 287 mm long x 238 mm diameter.

A 30 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 PH30/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	30w
TAPPINGS 100v LINE	30/15/7.5/3.75w
EFFECTIVE FREQUENCY RANGE	330 - 8kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	103dB
DISPERSION AT 1k/2kHz	110/70
AXIAL Q FACTOR AT 1k/2kHz	6.2/15.1
COLOUR	GREY RAL7035

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

ISSUE NOVEMBER 2011