

# WEATHERPROOF MUSIC HORN LOUDSPEAKER

➤ **MSH30/T**



## ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model MSH30/T or equal and approved. The horn enclosure shall be constructed of high impact ABS with UV inhibitors and non-perishable gaskets to avoid the ingress of water or dust to a minimum IP66. The unit will be mounted via a hipped stainless steel "U" bracket and fixings. The speaker assembly shall comprise of a high-density phenolic resin diaphragm housed in a flared oblong chamber 420x 260x 287.5mm (W x H x D).

A 30 watt/100 volt line, factory fitted transformer shall provide 3dB power taps.

Cable entry shall be via a single cable entry 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.

<b>RATED POWER</b>	<b>30w</b>
<b>TAPPINGS 100v LINE</b>	<b>30/15/7.5/3.75w</b>
<b>EFFECTIVE FREQUENCY RANGE</b>	<b>70 - 16.5kHz</b>
<b>SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)</b>	<b>99dB</b>
<b>DISPERSION AT 1k/2kHz</b>	<b>70/120 (HORIZONTAL) 110/110 (VERTICAL)</b>
<b>AXIAL Q FACTOR AT 1k/2kHz</b>	<b>8.5/6.5</b>
<b>COLOUR</b>	<b>GREY RAL7035</b>

All units to be tested in accordance with BSEN60268-5



### Penton UK Ltd

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# WEATHERPROOF MUSIC HORN LOUDSPEAKER

➤ **MSH30/TC**



## ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model MSH30/TC or equal and approved. The horn enclosure shall be constructed of high impact ABS with UV inhibitors and non-perishable gaskets to avoid the ingress of water or dust to a minimum IP66. The unit will be mounted via a hipped stainless steel "U" bracket and fixings. The speaker assembly shall comprise of a high-density phenolic resin diaphragm housed in a flared oblong chamber 420x 260x 287.5mm (W x H x D).

A 30 watt/100 volt line, factory fitted transformer shall provide 3dB power taps.

Cable entry shall be via a single 16mm cable entry 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 MSH30/TC will be suitable for voice alarm applications and will be supplied with ceramic terminals to take 2 x 2.5mm<sup>2</sup> 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.

<b>RATED POWER</b>	<b>30w</b>
<b>TAPPINGS 100v LINE</b>	<b>30/15/7.5/3.75w</b>
<b>EFFECTIVE FREQUENCY RANGE</b>	<b>70 - 16.5kHz</b>
<b>SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)</b>	<b>99dB</b>
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