



TMH-120 Tone Signaling for Hazardous Locations Installation Sheet

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Description

The TMH-120 is a General Signaling, high output, continuous duty tone signal for indoor and outdoor use that can include hazardous locations.

A choice of tones are selectable without needing option modules, the high level output of the speaker is suitable for using in areas of high ambient noise.

Specifications

Input:

Power; 115VAC nominal, 250mA maximum

Output UL: 104dBA at 10 feet Normal
107dBA at 10 feet Boost

Connections: Wire connections for AC power mains

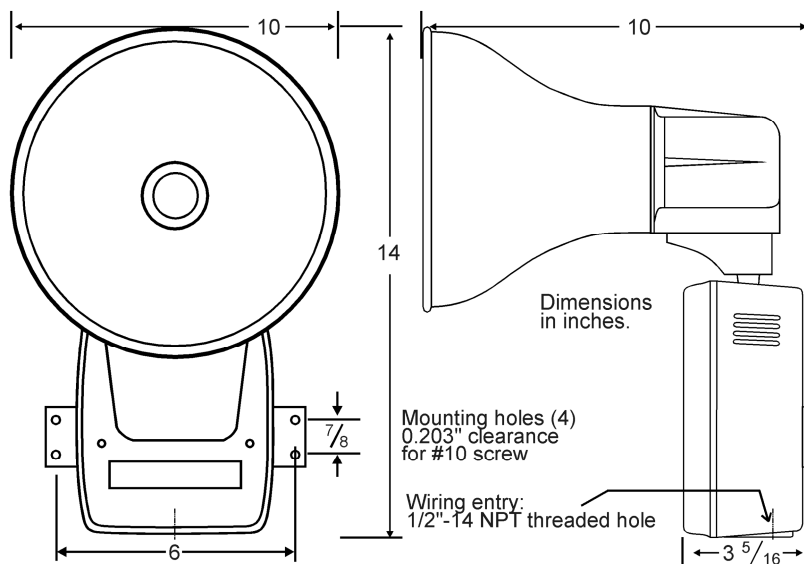
Tones: Siren, Whoop, HiLo, Temporal, Horn, 1 kHz, more; see list on page 2

Physical:

Size: 10W x 14"H x 10"D
Weight: 5.5 pounds

Location:

Indoor or Outdoor locations
Suitable for use in:
Class I, Division 2, Groups A, B, C and D;
Class II, Division 2, Groups F and G;
Class III Hazardous locations or
nonhazardous locations only



Location	Ambient Temperature	T- Code
Class I, Div. 2	-30 to +50C	T5
Class I, Div. 2	-30 to +66C	T4A
Class II, Div. 2	-30 to +66C	T6

Installation

The TMH-120 can be mounted to any flat surface using the mounting holes shown on bracket. Mount the unit with the projector horizontal or facing down.

Do not mount where the projector can fill with water or other foreign objects.

The support system must take into account the weight, wind load, and applicable codes and standards.

Connections

J1 na

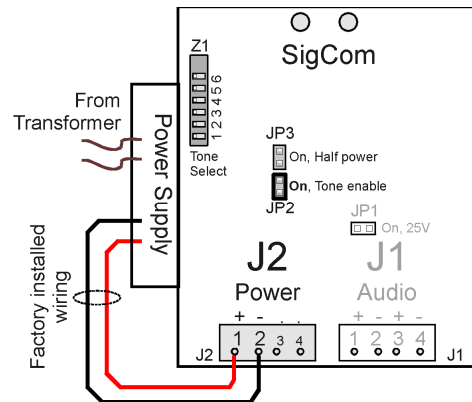
J2 Power

From internal power supply board

Power Transformer
Black AC Line
White AC Neutral

Connect the leads of the transformer, using approved method.

Wiring from the transformer to the power supply board, and from the power supply board to the amplifier are factory connected.



Warning - Explosion Hazard – Do Not Disconnect Equipment while the circuit is live unless the area is known to be free of ignitable concentrations

Avertissement - Risque d'explosion-Ne pas débrancher l'équipement alors que le circuit est sous tension, sauf si la zone est connue pour être libres de concentrations inflammable

Configuration

JP1 On; always

JP2 On; always

JP3 The audio output can be doubled (raised 3dB) by removing the JP3 jumper.

On: Normal power

Off: Boost power (+3dB)

Tone selection

The tones are selected by referring to the chart to the right,

Setting the Z1 switches to the pattern for the desired tone.

The illustration below shows switch 4 down ↓, with 1, 2, 3, 5, and 6 up ↑ which is the 1kHz steady tone.



* Temporal 1K to be used for evacuation use only

Tone	6	5	4	3	2	1
Slow Whoop	↑	↑	↑	↑	↑	↑
Whoop	↓	↑	↑	↑	↑	↑
Yelp	↑	↓	↑	↑	↑	↑
HiLo	↓	↓	↑	↑	↑	↑
1K	↑	↑	↓	↑	↑	↑
Temporal 1K *	↓	↑	↓	↑	↑	↑
Beep	↑	↓	↓	↑	↑	↑
Ring	↓	↓	↓	↑	↑	↑
Fast Pulse	↑	↑	↑	↓	↑	↑
Slow Yelp	↓	↑	↑	↓	↑	↑
Chime	↑	↓	↑	↓	↑	↑
Temporal 1K *	↓	↓	↑	↓	↑	↑
Temporal 1K *	↑	↑	↓	↓	↑	↑
Temporal 1K *	↓	↑	↓	↓	↑	↑
Temporal 1K *	↑	↓	↓	↓	↑	↑
Temporal 1K *	↓	↓	↓	↓	↑	↑