



PT25W24

PowerTone System

CPG Signals

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MEA



ISO 9001 Certified Management System

Description

The PowerTone® System is interfaced with a standard 24 VDC fire alarm system to provide up to 6 distinctive, field selectable tones over speakers thereby replacing standard alarm indicating appliances. The PowerTone® System consists of a PowerTone® Module, an Alarm Indicating mini-Module, a mounting plate and an equipment enclosure. The PowerTone® Module produces 25 watt RMS square wave output at 24 VDC (nominal). The Alarm Indicating Mini-Module provides two Style W (formerly Class B) supervised alarm indicating circuits with current limiting protection. The compact mounting plate has peel and stick position mounting pads for easy installation and can accommodate one PowerTone® module and one Mini-Module or two Mini-Modules. Multiple Alarm Indicating Mini-Modules can be used to provide additional indicating circuits.

Features

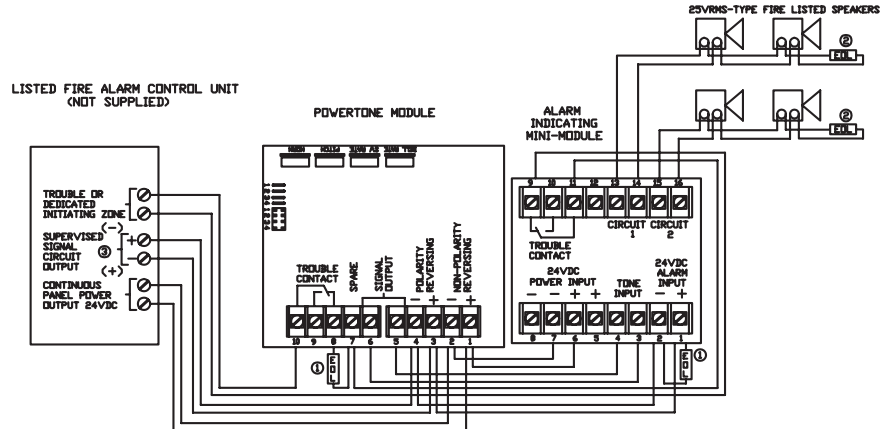
- Power Output 25 watts @ 25Vrms.
- Six district, synchronized tones: Slow Whoop; Horn; Interrupted Horn; Bell/Chime; Interrupted Bell/Chime; Wail.
- Powered from: 24 VDC polarity reversal indicating circuit, or 24 VDC auxiliary power source.
- Triggered from: 24 VDC polarity reversal indicating circuit, or dry contacts.
- PTREM cable allows multiple tone selection via dry contact.
- Two supervised alarm indicating circuits.
- Adjustable pitch and sweep rate.
- Power limited.
- Fully supervised dry trouble contacts and trouble LEDs.
- Multiple unit synchronization.
- Peel and stick position mounting.
- UL Listed.



Ordering Information

Model Number	Part Number	Description
PT25W24	PT25W24	PowerTone System: PowerTone Module, Alarm Indicating Mini-Module, Mounting Plate Kit
PTBD	PTBD	PowerTone Module
5130 107	5130 107	Alarm Indicating Mini-Module
PTPLATE	PTPLATE	Mounting Plate Kit (for 1-PTBD & 1 - 5130 107 or 2 - 5130 107)
PTREM	PTREM	Remote Tone Activation Cable - 2ft (for J1)
ULFB1	ULFB1	Equipment Cabinet (12" x 12" x 4")
ULFB2	ULFB2	Equipment Cabinet (15" x 11" x 4")
ULFB3	ULFB3	Equipment Cabinet (18" x 15" x 4")

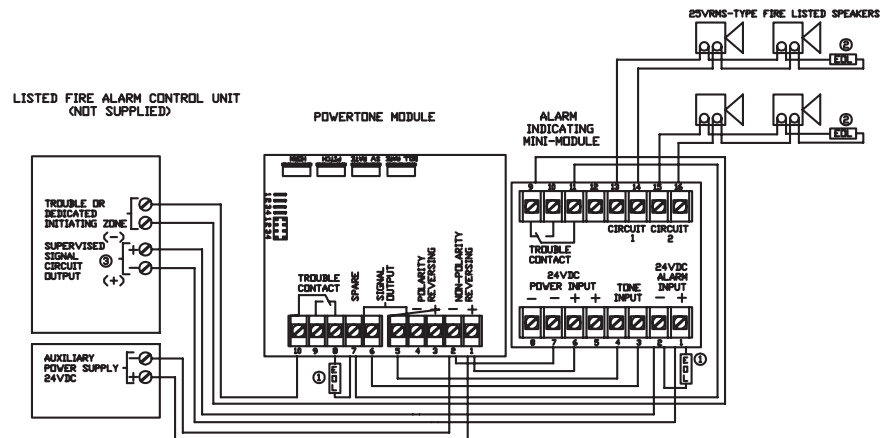
**TYPICAL POWERTONE SYSTEM WIRING
FIRE ALARM CONTROL UNIT PROVIDING POWER**



NOTES

- Trouble relays are shown in energized state.
- ① Proper value or end-of-line (EOL) resistors supplied by fire alarm control panel manufacturer.
- ② 6.34K end-of-line (EOL) resistors supplied with Alarm Indicating Mini-Module.
- ③ Alarm conditions shown in brackets (+), (-).

**TYPICAL POWERTONE SYSTEM WIRING
AUXILIARY POWER SUPPLY PROVIDING POWER**



NOTES

- Trouble relays are shown in energized state.
- ① Proper value or end-of-line (EOL) resistors supplied by fire alarm control panel manufacturer.
- ② 6.34K end-of-line (EOL) resistors supplied with Alarm Indicating Mini-Module.
- ③ Alarm conditions shown in brackets (+), (-).

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice.