

PTI Page/Talk Indoor Stations

PTI Single Line Station



PTI Single Line Station with ambient noise level sensor



PTI Five Line Station with ambient noise level sensor and headset receptacle option



PTI Five Line Station with optional flush-mount kit



PTI SERIES

Guardian Telecom's PTI Page/Talk Indoor station provides easy to operate paging with the versatility of one or five talk lines.

These stations have been designed for use in Class I & II, Division 2 hazardous indoor areas.

Individuals can be paged from any station and two or more people can communicate simultaneously on any available talk line.

	Faceplate finish – TB Nickel Blush
	Housing finish – Hammertone Grey

FEATURES and BENEFITS

- The common hand set amplifier unit is compatible with either single line or five line systems
- Power supply 24 VDC or 24/120/230 VAC
- Approved for Class I & II, Division 2 hazardous areas
- Corrosion protected & powder coated faceplate
- Powder coated 16 gauge aluminum enclosure
- Off hook status LED indicator
- Magnetic hook switch provides maximum durability
- Push-to-page switch on handset
- Noise canceling microphone
- Compatible with most other manufacturer's systems
- Optional headset plug-in for Guardian Telecom industrial headset (not approved for use in hazardous areas)
- Optional ambient noise sensor adjusts speaker volume automatically
- Optional flush-mount kit

CONTROLS

- Speaker volume output (adjustable from front panel)
- Ambient noise level sensor (optional)
- Microphone gain
- Receiver level
- Side tone adjustment

APPLICATIONS

This equipment is designed for use in harsh industrial environments and Class I & II Division 2 hazardous areas such as:

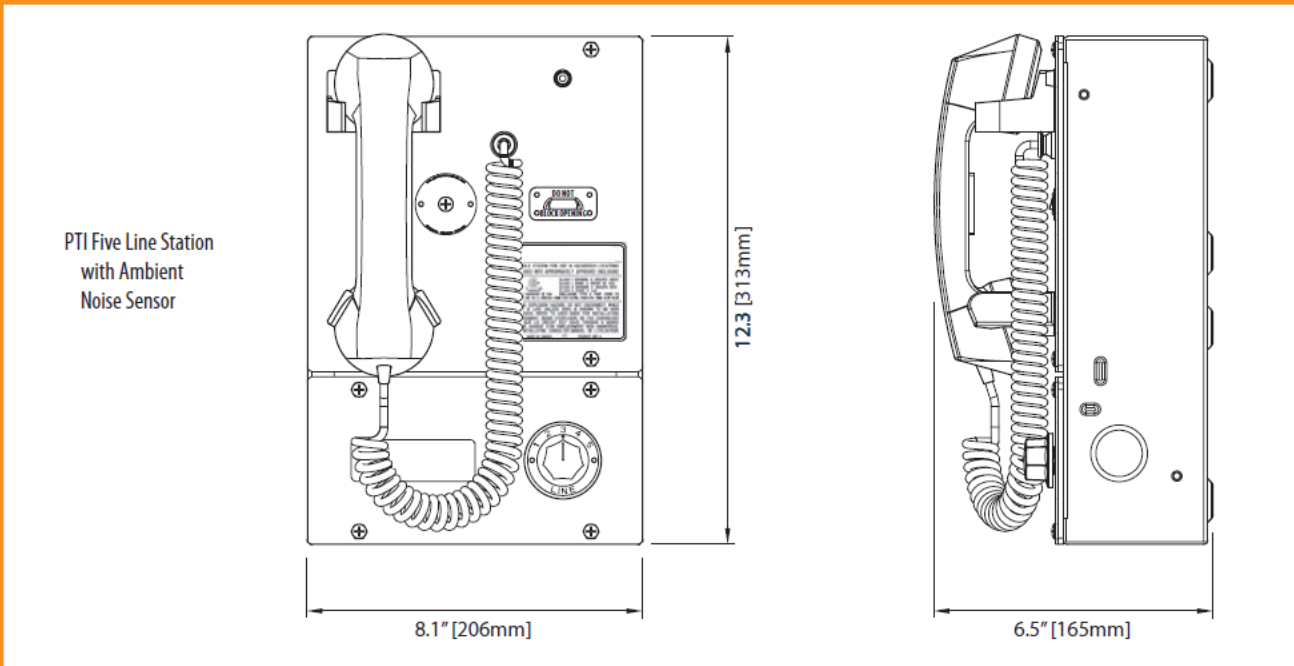
- | | |
|-----------------------|---|
| Mines | Grain Processing and Similar Industries |
| Chemical Plants | Power Generation Facilities |
| Refineries | Fertilizer Plants |
| Drilling Rigs | Food Processing Plants |
| Defense Installations | Sewage Plants |
| Cement Plants | Construction Sites |
| Bulk Loading Stations | Breweries & Distilleries |
| Pulp & Paper Mills | Pharmaceutical Plants |
| and more . . . | |

INSTALLATION and CONNECTABILITY

Guardian's modular approach to system design gives you the flexibility to set up systems based on exactly what is needed – as well as the ability to integrate equipment already in place. Our common amplifier unit is compatible with single line or five line Guardian Page/Talk stations and competitive products. As part of an integrated system, the Guardian Page/Talk series and also interfaces with existing detection alarm and process control equipment. With the addition of a Guardian telephone interface unit, Guardian Page/Talk equipment also connects to existing telephone networks.



OVERALL DIMENSIONS



PTI Page/Talk Indoor Stations

ENGINEERING SPECIFICATIONS

ELECTRICAL REQUIREMENTS

Input Voltage	20-29 VDC	20-26 VAC	90-140 VAC	200-260 VAC
Power Cycle	n/a	50/60 Hz	50/60 Hz	50/60 Hz
Fuse	1 Amp	1 Amp	0.5 Amp	0.25 Amp

SPEAKER AMPLIFIER

Amplifier Maximum Output Power	12 Watts RMS
Amplifier Gain	50 dB
Frequency Response	250-4000 Hz
Distortion	1.0% Maximum THD @ 1000 Hz
Input Impedance	200 K Ohms Nominal

MECHANICAL SPECIFICATIONS

Body Construction	Powder Coated 16 Ga Aluminum
Faceplate	Corrosion Protected & Powder Coated
Net Weight	16 lbs (7.26 kg)
Shipping Weight	18.0 lbs (8.2 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Hand Set Construction	High Impact Polycarbonate
Standard Mounting	Vertical Wall
Connection to System	Conduit or Cable Gland

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature	-40° to +140°F (-40° to +60°C)
Humidity	0 - 95% RH Non-Condensing

CSA COMPLIANCE (Canada and United States)

Class 4818 02 –	Signal Appliances – Audible – For Hazardous Locations
Class 4818 82 –	Signal Appliances – Audible – For Hazardous Locations Certified to US Standards
Canada:	Class I, Division 2, Groups A, B, C and D; Class II Groups E, F and G; T6
United States:	Class I, Division 2, Groups A, B, C and D; Class II Groups E, F and G; Class I Zone 2, T6



ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description	Single Line Station	Five Line Station	Ambient Noise Sensor	Headset Receptade*
P5550		●		●	
P5551			●	●	
P5552		●		●	●
P5553			●	●	●
P5554		●			
P5555			●		
P5556		●			●
P5557			●		●

Options

P5540 Push-to-Page Headset

* not for use in hazardous areas

For Guardian Telecom Page/Talk and competitive products Amplifier Replacement Modules and Page/Talk Handset Amplifier Replacement Modules refer to the PTA & PTR product sheet.

WHEN PLACING AN ORDER SPECIFY

- Power Supply 24 VDC or 24/120/230 VAC

Distributed by:



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