

# PTTI

## Page/Talk Telephone Interface

### FEATURES and BENEFITS

The PTTI Telephone Interface permits incoming calls from a public or private telephone system to access a Page/Talk system. This allows paging access as well as full-duplex talk line communication and thus effectively expands your communications abilities across the Page/Talk stations in the harsh environments and the normal telephones in other environments such as offices.

The interface provides four different modes of access for each of the day and night configurations. The selection of day / night mode and the release and link functions are controlled by onboard or remote switches. Outgoing calls from the Page/Talk system to the telephone system may be made with the assistance of an operator that has access to the switch inputs.

The PTTI interface provides four different modes of access to the Page/Talk system for each of day and night configurations.

- **VOICE ACCESS:** provides automated access for incoming calls and allows the caller to page directly over the speakers and then switches to the nominated talk line for conversation.
- **RING ACCESS:** provides automated access by broadcasting a ring signal on the speakers and switching to the nominated talk line when a handset on the Page/Talk system is lifted.
- **SELECTIVE ACCESS:** requires the calling party to know the ID number, therefore adding a level of security to the Page/Talk system. Once the correct ID is accepted, the calling party can select either voice or ringing access to the system.
- **MANUAL ACCESS:** requires operator intervention to either answer an incoming call or place an outgoing call and then manually linking the call to the Page/Talk system.

### 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.



PTTI\*



Sahara Metallic

*\*Finishes not as shown. PTTI faceplate and housing are finished with Sahara Metallic.*

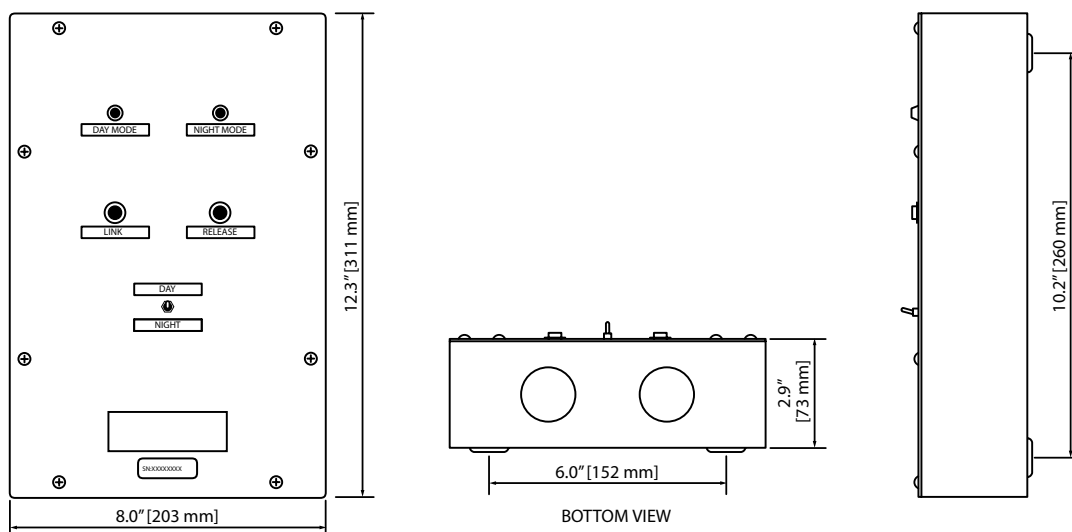
Guardian's PTTI Page/Talk Telephone Interface is designed to connect to a public or private telephone system.

**Guardian**  
Telecom Inc.

ISO 9001

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## OVERALL DIMENSIONS



PTTI Page/Talk Telephone Interface

## ENGINEERING SPECIFICATIONS

### ELECTRICAL PERFORMANCE

Telephone Network Interface	Central Office Line or PBX Line
Network Signaling	DTMF
Ringer Equivalence Number (REN)	0.4 B
Page Line Impedance	33 Ohm Nominal Load from Line Balance Assembly
Talk Line Impedance	33 Ohm Nominal AC Source Internal Load
Output Level	Adjustable: 1.5 VRMS Nominal
Telephone Line Fuse	0.25 Amp, Fast Blow, 2AG

### ELECTRICAL REQUIREMENTS

Input Voltage	105 - 130 VAC, 50/60 Hz / 23 - 28 VDC
Input Current	120 VAC 0.1 Amp, 24 VDC 0.5 Amp
Fuse - 120VAC Input	0.5 Amp 250 VAC 2AG Fast Blow
Fuse - 24VDC Input	External 0.75 Amp Fast Blow

### MECHANICAL SPECIFICATIONS

Body Construction	16 Ga Mild Steel
Finish	Zinc Dichromate Plated and Powder Coated
Body Dimensions (H x W x D)	12.3" x 8.0" x 2.9" (313 x 203 x 73 mm)
Net Weight	11 lbs (5 kg)
Mounting	Vertical wall
Wiring Access	2 x 1 3/8" Openings for Owner Supplied Fittings
Hardware Material	Stainless Steel

### ENVIRONMENTAL

Dust & Corrosion Resistant	Full Gasket Faceplate
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### ORDERING INFORMATION

Warranty: One year parts and labor

Order Number	Description
P5940	PTTI Page/Talk Telephone Interface

Guardian pursues a policy of continuous improvement, therefore specifications are subject to change without notice.



Enhancing Communication  
Through Innovation and  
Expertise

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