

PTD/PDA Page/Talk Desk Station /Amplifier



PDA
Power Supply
Amplifier*

PTD
Desk Station



**Finishes not as shown. PDA faceplate finish is Sahara Metallic. PDA housing finish is Hammertone Grey.*

Guardian's PTD Page/Talk Desk Stations are designed to provide communications in harsh industrial environments. They provide easy to operate paging with the versatility of one or five talk lines. Individuals can be paged from any station and two or more people can communicate simultaneously on any available talk line.

Guardian
Telecom Inc.

ISO 9001 Today's Quality Creates Our Future

FEATURES and BENEFITS

- One common amplifier unit compatible with both single line or five line Guardian Page/Talk, and Gai-Tronics Page/Party® stations
- Power supply 24 VDC or 24/120/240 VAC
- Black PVC cover on deskset
- 16 gauge steel zinc dichromate plated deskset base
- Corrosion protected and powder coated faceplate on power supply/amplifier
- Steel zinc dichromate plated enclosure on power supply/amplifier
- Internal speaker on deskset
- External speaker hook-up on power supply/amplifier
- Push to page switch on handset
- Noise canceling microphone
- Electronic hook switch provides maximum durability

CONTROLS

- Microphone gain, receiver volume, side tone and internal speaker volume on deskset
- External speaker (if used) volume on power supply/amplifier
- Optional ambient noise sensor adjusts speaker volume automatically

APPLICATIONS

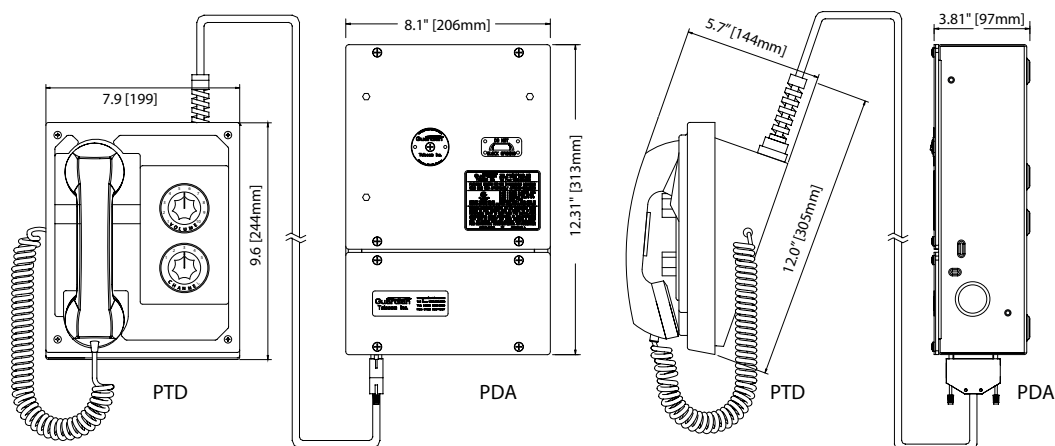
Guardian Telecom's Page/Talk series is designed to deliver safe, reliable, cost effective communications in an industrial environment. Page/Talk desk stations are available in single line or five line models. These stations provide quality paging and talk line functions in noisy harsh, humid and industrial areas, and Class I & II, Div. 2 hazardous areas.

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 Gai-Tronics Page/Party® stations. As part of an integrated system, the Guardian Page/Talk series 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



PTD / PDA Page/Talk Desk Station / Amplifier

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

DESKSET

Amplifier Gain	50 dB
Frequency Response	250 - 4000 Hz
Distortion	1.0% Maximum THD @ 1000 Hz

AMPLIFIER

Deskset Maximum Output Power	5 Watts RMS
Power Supply/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

PTD Desk Station

Body Construction	16 Ga Mild Steel
Faceplate	Fire Retardant Thermoplastic
Body Dimensions (H x W x D)	9.6" x 7.9" x 5.7" (244 x 199 x 144 mm)
Net Weight	6.6 lbs (3.0 kg)
Hand Set Construction	High Impact ABS
Connection to Power Supply	via DB25 Conn. & Extra Hard Usage Cable

PTA Power Supply/Amplifier

Body Construction	Steel Zinc Dichromate Plated and Powder Coated
Faceplate	Corrosion Protected & Powder Coated
Body Dimensions (H x W x D)	12.3" x 8.1" x 3.81" (313 x 206 x 97 mm)
Net Weight	10.0 lbs (4.6 kg)
Connection to System	Conduit or Cable Gland

ENVIRONMENTAL

PTD Desk Station	CSA Enclosure Type 2; Temp. Code T6
PDA Power Supply/Amplifier	CSA 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, Div. 2, Groups A, B, C and D; T6
 United States: Class I, Div. 2, Groups A, B, C and D; Class I Zone 2; T6

ORDERING INFORMATION

Warranty: One year parts and labor

PTD Page / Talk Desk Station

Order Number	Description		
	Ambient Noise Sensor	Single Line	Five Line
P5590	●	●	
P5591	●		●
P5592		●	
P5593			●

PDA Page / Talk Desk Station Amplifier

Order Number	Description
	Ambient Noise Sensor
P5580	●
P5581	

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



**Enhancing Communication
Through Innovation and
Expertise**

Qmax Group Pty Ltd.
Canning Vale, Western Australia
Ph (08) 9455-4671 Fax (08) 6210-1749
Email : info@qmax.net.au Internet : www.qmax.net.au