

PPA

PPA with Ambient Noise Sensor on Faceplate



PPR with Ambient Noise Sensor on Faceplate



PPR with Adapter Harness

Replacement Modules for Third-Party Page Stations

PPA – Amplifier Replacement PPR – Handset Amplifier Replacement

“A Value Added Alternative for Maintaining Existing Communication Systems”

FEATURES and BENEFITS

PPA & PPR Modules

- One common model compatible with both single or multi-line third-party page stations
- Power supply 24 VDC or 24/120/230 VAC
- Corrosion protected and powder coated faceplate
- Captive screws for ease of installation
- 16 or 24 pin adapter harness
- Ambient noise sensor, monitors and adjusts speaker volume automatically (models P5512, P5514 & P5515)

PPR Modules with Handset

- Push-to-Page button on handset
- Noise canceling microphone
- Magnetic hook switch provides maximum durability
- Ambient noise sensor kit for outdoor enclosure (models P5009 & P5011)
- Ease of installation with 16 or 24 pin AMPHENOL connector kit
- Off-hook status LED indicator

CONTROLS

PPA & PPR Modules

- Speaker volume output (adjustable from front panel)
- Ambient noise level sensor (optional)

PPR Modules with Handset

- Microphone gain
- Receiver level adjustment
- Side tone adjustment

APPLICATIONS

Guardian Telecom's PPA and PPR Replacement Modules are uniquely designed for easy, seamless, retrofitting into existing third-party page stations and other unitized audio systems.

PPA/PPR SERIES

Guardian Telecom's PPA Amplifier Replacement Modules and PPR Handset Amplifier Replacement Modules are designed to deliver a safe, reliable, and cost effective solution for industries that require additions, repairs or replacements to their existing third-party paging and communication systems.

INSTALLATION and CONNECTABILITY

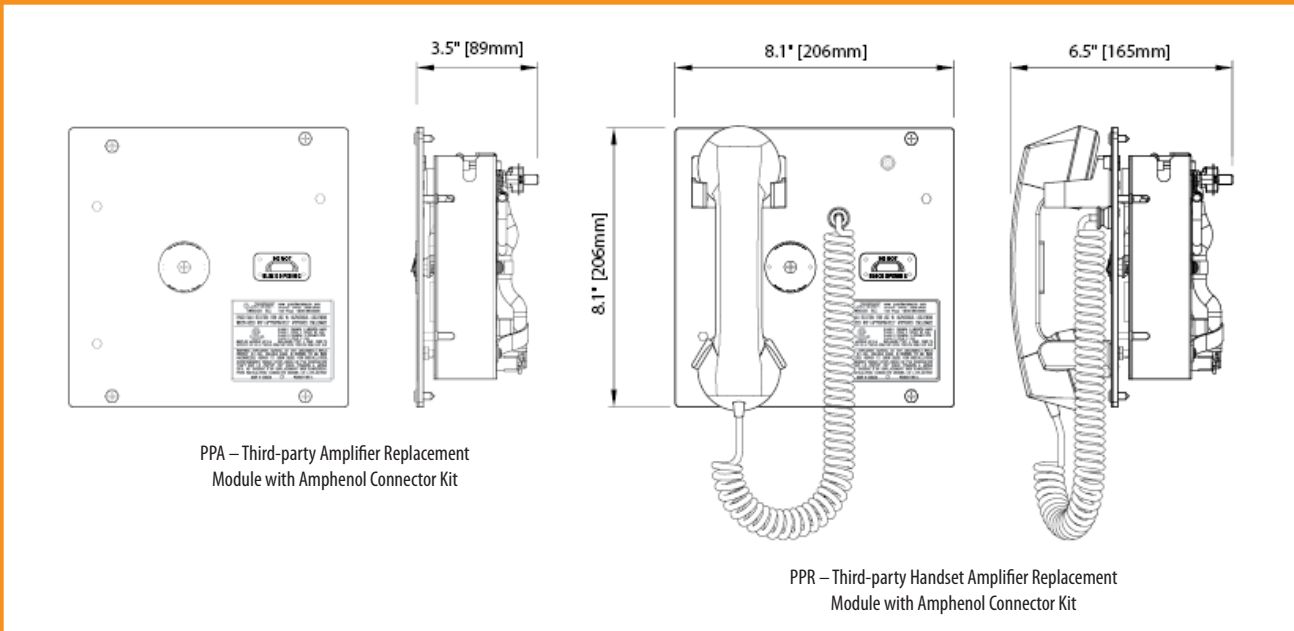
Guardian's Amplifier Replacement Module allows for easy installation into third-party page stations, available in 16 pin or 24 pin Amphenol Connector configurations.



tough. trusted. true.



OVERALL DIMENSIONS



PPA Third-party Page Station Amplifier Replacement Module - PPR Third-party Page Station Handset Amplifier Replacement Module

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

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	Thermoplastic Resin
Faceplate	Corrosion Protected & Powder Coated
Net Weight	14.5 lbs (6.6 kg)
Shipping Weight	16.5 lbs (7.5 kg)
Shipping Dimensions (L x W x D)	12.0" x 12.0" x 12.0" (305 x 305 x 305 mm)
Standard Mounting	Quick Connect Faceplate for Indoor / Outdoor
Hand Set Construction	High Impact Polycarbonate
Connection to System	Conduit or Cable Gland

ENVIRONMENTAL

Water/Dust Tight Enclosure	Type 4X & IP66
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

PPA – Third Party Page Station Amplifier Replacement Modules¹

Order No.	Description	Ambient Noise Sensor on Faceplate	Reed Switch Kit	Desk Connector Harness	16 PIN Harness	24 PIN Harness
P5512		●			●	
P5513					●	
P5514		●				●
P5515		●	●			●
P5516				●		●
P5517			●	●		●

¹Modules include Adapter Harness

PPR – Third Party Page Station Handset Amplifier Replacement Modules²

Order No.	Description	Ambient Noise Sensor on Faceplate	Ambient Noise Sensor Kit For Outdoor Enclosure	Headset Receptacle ³
P5506		●		
P5507		●		●
P5508				
P5509			●	
P5510				●
P5511			●	●

²Modules include Adapter Harness – specify 16 or 24 PIN AMPHENOL Connector

³Not for use in Hazardous Areas

WHEN PLACING AN ORDER SPECIFY

- Power Supply 24 VDC or 24/120/230 VAC
- Accessories – PPR
- P5540 Push to Page Headset for PPR (models P5507, P5010 & P5011)

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