

PSA In2iT SERIES

Speaker Amplifier Stations



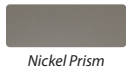
PSA Speaker Amplifier



PSA Speaker Amplifier with ambient noise sensor



Thermoplastic Resin Enclosure for Outdoor Applications



Nickel Prism

Faceplate finish
– TB Nickel Blush



Hammertone Grey

Housing finish
– Hammertone Grey

* Indoor Station Only



In2iT RANGE

The In2iT Range is Guardian Telecom's next generation In-Plant Communications platform with the latest technology and easy to use, rugged communication equipment to solve In-Plant Paging concerns while maximizing integration options and easing implementation costs.

PSA In2iT SERIES

Guardian's PSA SERIES Page/Talk Speaker Amplifier Station gives you the capability of adding extra speakers without the need for a paging station.

FEATURES and BENEFITS

- Compatible with the Guardian In2iT platform, legacy Page/Talk systems and other competitive products.
- Power supply 24 VDC or 24/120/230 VAC.
- Approved for Class I & II, Division 2 hazardous areas.
- Weather resistant and dust protected.
- Corrosion protected & powder coated faceplate.
- Powder coated 16 gauge aluminum enclosure.
- External speaker hook-up.
- Optional water/dust tight thermoplastic resin enclosure, Type 4X & IP66.
- Compatible with most other manufacturer's systems.

CONTROLS

- Speaker volume output (adjustable from front panel).

APPLICATIONS

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

- | | | |
|-----------------------|---|--------------------------|
| Mines | Chemical Plants | Food Processing Plants |
| Refineries | Sewage Plants | Pharmaceutical Plants |
| Cement Plants | Fertilizer Plants | Pulp & Paper Mills |
| Drilling Rigs | Construction Sites | Breweries & Distilleries |
| Bulk Loading Stations | Power Generation Facilities | |
| Defense Installations | Grain Processing and Similar Industries | |
- 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 the Guardian In2iT platform, legacy Page/Talk stations, and other competitive products. As part of an integrated system, the Guardian In2iT series also interfaces with existing detection alarm and process control equipment. With the addition of a Guardian telephone interface unit, Guardian In2iT equipment also connects to existing telephone networks. *

Guardian Telecom offers a wide selection of Hazardous and Non-Hazardous speaker options to give you the flexibility to set up your systems based on exactly what is needed.



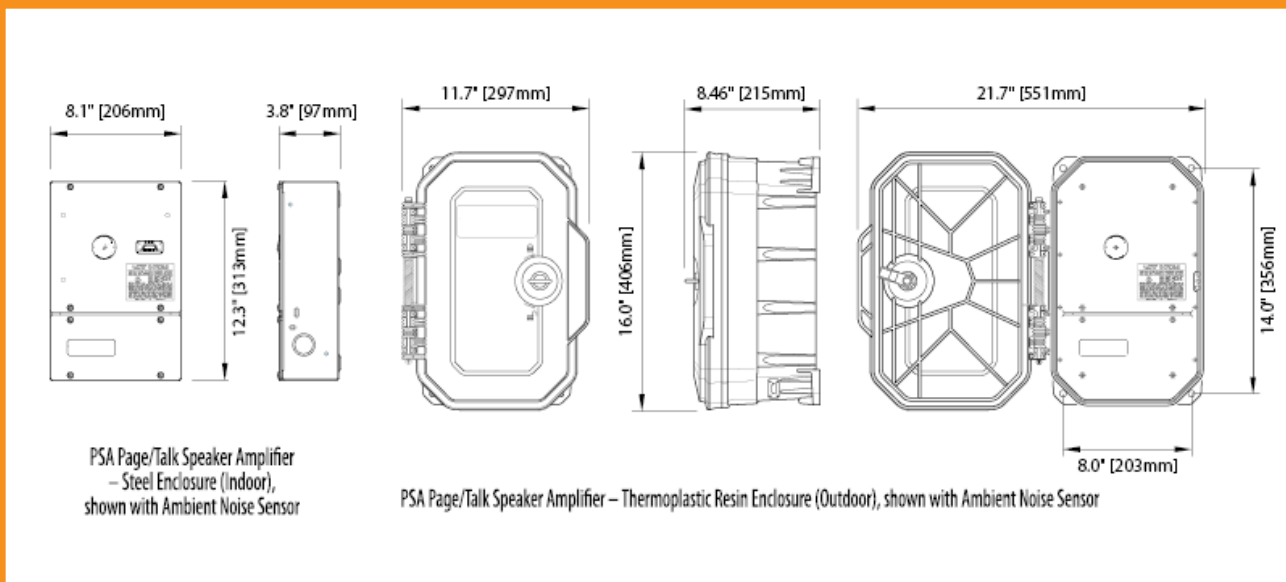
* Integrating requirements/capabilities may vary based on existing equipment.



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OVERALL DIMENSIONS



PSA Page/Talk Speaker Amplifier
– Steel Enclosure (Indoor),
shown with Ambient Noise Sensor

PSA Page/Talk Speaker Amplifier – Thermoplastic Resin Enclosure (Outdoor), shown with Ambient Noise Sensor

PSA - In2It Speaker Amplifier Stations

ENGINEERING SPECIFICATIONS


ELECTRICAL REQUIREMENTS

Input Voltage	90-250 VAC
Power Cycle	50/60 Hz
Fuse	0.25 Amp

AMPLIFIER REPLACEMENT

Maximum Output Power	30 Watts RMS
Amplifier Gain	50 dB
Frequency Response	250 - 4000 Hz
Distortion	1.0% Maximum THD @ 1000 Hz
Input Impedance	200k Ohms Nominal

COMPLIANCE (Hazardous Area)

IEC Ex	 Zone 1/2 (certification pending)
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THERMOPLASTIC RESIN ENCLOSURE – OUTDOOR

MECHANICAL SPECIFICATIONS

Body Construction	Thermoplastic Resin
Net Weight	13.3 lbs (6.0 kg)
Shipping Weight	15.1 lbs (6.9 kg)
Shipping Dimensions (L x W x D)	20.0" x 15.0" x 12.0" (508 x 381 x 305 mm)
Mounting	Vertical Wall

ENVIRONMENTAL

Water/Dust Tight Enclosure	Type 4X & IP66
Dust & Corrosion Resistant	Full Gasket Faceplate
Temperature	-40° to +140°F (-40° to +60°C)
Humidity	0 - 95% RH Non-Condensing

STEEL ENCLOSURE – INDOOR

MECHANICAL SPECIFICATIONS

Body Construction	Powder Coated 16 Ga Aluminum
Faceplate	Corrosion Protected & Powder Coated
Net Weight	10 lbs (4.6 kg)
Shipping Weight	12.0 lbs (5.5 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Mounting	Vertical Wall
Connection to System	Conduit or Cable Gland

ENVIRONMENTAL

Weather Proof Enclosure	CSA Type 3R
Dust & Corrosion Resistant	Full Gasket Faceplate
Temperature	-40° to +140°F (-40° to +60°C)
Humidity	0 - 95% RH Non-Condensing

ORDERING INFORMATION

Warranty: Five years parts and labor

Order No.	Description
P6724	Page Speaker Amplifier In2It Indoor Station
P6725	Page Speaker Amplifier In2It Outdoor Station
P5576	Page Speaker Amplifier In2It EX-Zone 1 Station

Options

Guardian offers a wide selection of Hazardous and Non-Hazardous speaker options to give you the flexibility to set up your system based on exactly what is needed.

Choice of enclosure colors*
Custom embossed logo or smooth face for label*

* (minimum quantity required) – consult with sales agent

Distributed by:



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