UNP: Paging Relay

Bi-Directional Paging Relay

> A paging relay that integrates analog systems with the UNP (Unified Notification Platform).

The UNP Bi-Directional Paging Relay from Syn-Apps® is a small PoE network appliance providing many features including unicast-to-multicast conversion that can eliminate bandwidth-intensive unicast streams across WAN connections. The Paging Relay enables fire alarm control panels, analog PA systems, analog security systems, physical contacts, and more to integrate seamlessly with the Honeywell® UNP.

PAGING RELAY OPERATION

This patented product allows UNP notifications sent in multicast format to be converted to unicast for multi-site, WAN-connected voice networks. The Paging Relay converts incoming streams back to multicast at the destination site used for delivery to the following appropriate end-points:

- IP phones
- IP speakers
- Traditional PA Systems-via analog audio via RCA or 600 ohm interfaces

The Paging Relay is small enough to hold in one hand and features plug-n-play technology, making installation as simple as connecting an Ethernet cable.

UNP Paging Relay

FEATURES AND BENEFITS

- Easily integrates fire alarm control panels with Honeywell UNP to activate notifications
- Unicast-to-multicast conversion
- Auto registration to Honeywell UNP via DHCP
- Up to 8MB on-board storage used for audio files or stored announcements
- 600 ohm and RCA line-out ports for overhead paging and analog systems
- Provides RCA analog audio input used for Background Music and Music On-Hold (MOH)
- Contains a SIP interface that allows SRST/CME failover support for the enhanced redundancy

- Sends trigger notifications when activated via the Sense-In port
- Contains a Web-based interface for customization and software upgrades
- Relay and Sensor Contact Closure functionality - Automatically plays audio files, control door and window entries, activates sirens/strobes, and more.
- Accepts commands from 3rd party systems to activate locally stored audio to play, reducing bandwidth consumption in WAN deployments
- Gain control for integration with external audio input devices (V4 units)

- Stream analog audio to IP Multicast for background music when integrated with Honeywell UNP "
- Automatic Gating
- Zone Paging*
- Supports up to 10 simultaneous broadcasts
- Local authentication services
- Night Ringer Functionality
- Direct Cisco® ICM integration
- Offers Standalone Paging Integration to 500 Cisco IP Phones*

Requires Firmware 7.0 and above.

Honeywell

TECHNICAL SPECIFICATIONS AND ORDERING INFORMATION

Figure 1. Illustrates the connections of the Bi-Directional Paging Relay device.

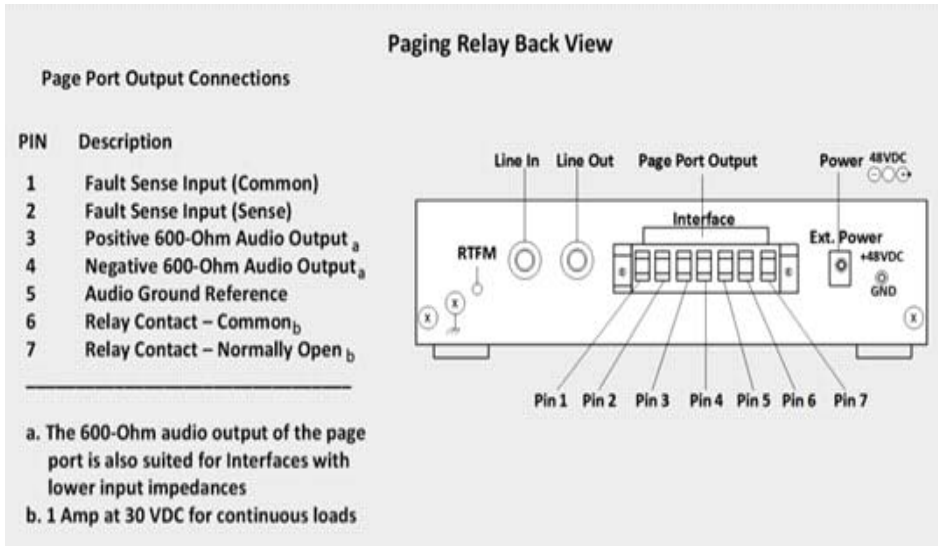*Figure 1. UNP Bi-Directional Paging Relay Device*

Cisco® is a registered trademark of Cisco Inc.

Syn-Apps® is a registered trademark of Syn-Apps LLC.

UL® is a registered trademark of Underwriter's Laboratories Inc.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Country of Origin: U.S.A.

TECHNICAL SPECIFICATIONS

Electrical Specifications:

Ethernet I/F: 10/100 Mbps
Power Input PoE: (802.3af) or 48VDC (Power supply not included)
Operating Temperature: -30° to 55° C (-22° to 131° F)
Dual Speed: 10/100 Mbps
G.711 u-Law, A-Law

Mechanical Specifications:

Dimensions: 6.11"L x 4.05"W x 1.15"H

ORDERING INFORMATION

011145F: UNP Bi-Directional Paging Relay

For more information on this product, visit: www.hwll.co/notification.com.

STANDARDS

The UNP is designed to comply with the FCC and UL standards.

Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

FCC : Class A
UL: 60950. CE

THE
FUTURE
IS
WHAT
WE
MAKE IT
—

Honeywell