

LynxNet PA

SKU #950-LYNX-PA-3



The LynxNet PA is a network based device that provides an audio output for sound files or dynamic Text to Speech from the LynxGuide Server. The LynxNet PA allows direct connection to new or existing Public Address systems allowing audio messages to be instantly announced. Audible alerts from the LynxGuide server can be either pre-recorded audio messages or Text-to-Speech generated audio messages. The pre-recorded audio messages is stored on the server and associated with an alarm. When the alarm is activated the pre-recorded audio message is sent to the LynxNet PA and played. The Text-to-Speech generated audio messages are created when the alarm is activated, allowing for different messages to be created with dynamic data. The Text-to-Speech function only takes seconds, then the audio message is sent to the LynxNet PA and played. Audio output level is digitally adjustable using the webpage interface, and connects to the audio input of existing or new PA systems. A Push-to-Talk (PTT) relay output allows the LynxNet PA to activate the PA's Push-to-Talk (PTT), if needed. The PTT time is programmable for adapting to a variety of audio equipment.

Features and Benefits

- Enables any alarm to be communicated over your new or existing PA system
- Uses pre-recorded and text-to-speech audio messages
- Supervised by the LynxGuide Server

GENERAL SPECIFICATIONS:

Width: 5"

Length: 5.25"

Height: 1.75"

Weight: 1.8 Lbs.

Power: DC Power or PoE

PS Input Voltage: 100-240 VAC

PS Output Voltage: 12 VDC, 1.0 amp

POE: Class 2, 6.5W Max

Supervision Interval: 5 Minutes

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NETWORK SPECIFICATIONS (Con't)

RS-232: For diagnostics and troubleshooting

USB: For diagnostics and troubleshooting

Link LED: Indicates network traffic

LAN LED: Indicates network speed

Status LED: Indicates activity to and from the LynxGuide server

Test Button: Sends a test message to the LynxGuide server

Power LED:

SOLID RED: Not connected to the LynxGuide server

FLASHING RED: Communication lost to LynxGuide server

FLASHING GREEN: Connected to the LynxGuide server

RJ-45 Network Connector: 100 MB for initial network configuration and network connection

Communication Protocol: The LynxNet hardware and Lynx Client software achieves bidirectional communication through a client-initiated, persistent socket session to the LynxGuide server on ports 10117-10121. No network ingress connections are required. All server communications are TLS encrypted. In addition to providing security, this method is ideal if the hardware is behind a gateway, as no NAT rules are required to achieve connectivity.