

# LynxNet PA

# Audible Output Device



Front



Rear

The **LynxNet PA** is a network based device that provides an audio output for audible or voice alerts from the LynxGuide Server. The LynxNet PA allows direct connection to new or existing Public Address systems allowing audible alert messages to be instantly announced. Audible alerts from the Lynxguide server can be either pre-recorded wave files or Text to Speech generated wave files. The pre-recorded audible file is stored on the server and associated with an alarm. When the alarm is activated the pre-recorded audible file is sent to the LynxNet PA and played. The Text-to-Speech generated files 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 voice message is sent to the LynxNet PA and played. Audio output level is digitally adjustable using the webpage, 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, if needed. The PTT time is programmable for adapting to a variety of audio equipment.

- RS-232:** for diagnostics and troubleshooting
- USB:** for diagnostics and troubleshooting
- LINK LED:** indicates network traffic
- LAN LED:** indicates network speed
- STAT 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 Ethernet Connector:** for initial network configuration and network connection.

**Specifications:**

- Width:** 5.00"
- Length:** 5.25"
- Height:** 1.75"
- Weight:** 1.8 Lbs.
- Power Supply:** 100-240 VAC, 12 VDC, 1.0 amp
- Supervision Interval:** 5 minutes
- Audio Level:** Digital control via web interface
- AUDIO OUT:** 1/8" mono output connection
- Include audio cable:** 6 foot, 1/8" mono to RCA

### Communication Protocol

In legacy mode, the LynxNet hardware devices and the LynxGuide server communicate by sending HTTP requests on port 80.

In secure mode, the LynxNet hardware 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 1.2 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.

Developed, Manufactured and Supported in the USA 



LYNX-PA-3

LynxNet PA Interface

Your Link to Duress and Mass Notification

Contact (972) 231-6874 Ext 129 Explore Your Possibilities [WWW.LYNXGUIDE.COM](http://WWW.LYNXGUIDE.COM)