LynxNet Dispatcher   *Radio Audible Output Device*

The **LynxNet Dispatcher** allows any of the Lynx alarms to communicate to your existing radio system. Audible alerts for 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 Dispatcher 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 Dispatcher and played. Audio output level is digitally adjustable. The LynxNet Dispatcher will broadcast on the one channel and frequency on a hand held radio **supplied by the customer**. More than one LynxNetDispatcher may be used to cover multiple radio frequencies and channels. Example: security radios and maintenance radios

Front

Rear

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: 6.75"
Length: 17.50" (w/o antenna)
Height: 3.0"
Weight: 8.5 Lbs.
Power Supply:
    Input: 115-230 VAC
    Output: 7.5 VDC, 45W, 5.4 Amps
Supervision Interval: 5 minutes
Audio Level: Digital control via web interface
Radio Detect: Radio receiver audio is monitored to prevent Radio transmission collisions.

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-DISP-3   LynxNet Dispatcher Radio Interface
Customer Supplied Radio

Your Link to Duress and Mass Notification
Contact (972) 231-6874 Ext 129 Explore Your Possibilities WWW.LYNXGUIDE.COM

LynxNet Dispatcher Rev. A