LynxNet Dispatcher

SKU #950-LYNX-DISP-3

Lynx Systems®

The LynxNet Dispatcher is a network based device that allows any of the Lynx alarms to communicate to your existing radio system. The customer supplies one handheld Radio, that is installed in the LynxNet Dispatcher. Audio alerts from the LynxGuide server can be either pre-recorded audio message or Text to Speech generated audio message. The pre-recorded audio file 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 Dispatcher and played. The Text-to-Speech generated audio message 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 customer supplied hand held radio. Multiple LynxNet Dispatchers may be used to cover multiple radio frequencies or channels. For example, security and maintenance radios.

Features and Benefits

- Enables any alarm to be communicated over your existing radios
- Messages can be repeated
- Uses pre-recorded and text-to-speech audio messages

GENERAL SPECIFICATIONS:

Width: 6.75"
Length: 17.50" (w/o antenna)
Height: 3.0"
Weight: 8.5 Lbs.
Power: AC Power
PS Input Voltage: 115-230 VAC
PS Output Voltage: 7.5 VDC, 45W, 5.4 Amps
Supervision Interval: 5 Minutes

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NETWORK SPECIFICATIONS (Con't)

RS-232: For diagnostics and troubleshooting

USB: USB Male

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

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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.