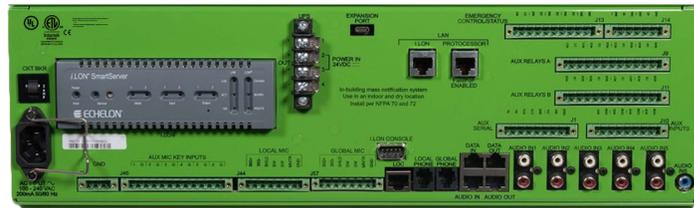# i.Net
HEADEND RACK UNIT

MODEL G8225

FUNCTION

Lencore's i.Net Headend Rack unit replaces all the bulky headend equipment associated with sound masking, paging & background music. The i.Net Headend Rack Unit meets the UL2572 and UL 864 standard, and therefore is accepted to interface with a fire alarm control panel (FACP) with the intent to shutdown the masking and reinforce the emergency communications in the event of an emergency.

The i.Net headend is complete with network, telephone, audio, serial and digital inputs. The headend system controller is the standard in the industry for configurator controls used to manage the system. The system manager is used to control sound masking devices and zones for volume, contours, EQ's, and diagnostics. The system manager is also used to control devices for audio and paging for volume, EQ's, zones and diagnostics. The included system manager has many features, such as unique users with passwords, log books, timers, address books for multiple building sites and much more.

With the i.Net Headend Rack and Operating Platform unit, there is no need for separate amplifiers, or equalizers, or special switching equipment. The equipment is perfectly matched to work as an engineered system.. This technology is so sophisticated that it can create zone additions, modifications, deletions and other changes to the sound masking and paging system on the fly, without rewiring. This unique feature eliminates the need for running multiple home runs back to the electrical closet or through the building risers to create separate or additional zones. The i.Net Headend is the culmination of robustness and simplification.

FEATURES

+ An integral keypad for user input and setup.
+ Integrated LCD screen for displaying information.
+ Service port.
+ Up to 3 Pre-Recorded messages can be triggered via phone or digital input.
+ 3 push buttons for quick triggering of pre-recorded messages.
+ Paging zone override push buttons for microphone paging.
+ Hand-held CB-MIC for paging and testing.
+ LED indicators for: Power, audio input levels, fault status, processors status, relays status.
+ Internal speaker for audio output feed monitoring.
+ Limited FieldPop.
+ Reset push button to reset the headend unit.
+ Integral i.LON SmartServer for control of OP configurations.
+ i.LON console connection.
+ External DC UPS Port.
+ Integral Global MPI for global telephone paging capabilities.
+ Local and Global MIC inputs.
+ Local and Global phone inputs.
+ Meets UL2572 and UL 864 standards for Fire Alarm Control Panel (FACP) interface.
+ Data cable connections to connect to OPs.
+ Removable rack mounting brackets.

LENCORE
COMFORT. PRIVACY. INTELLIGIBILITY.

i.Net HEADEND RACK UNIT
MODEL G8225

PAGING ZONES
+ Individual channels and groups
+ Each channel can carry 10 programmable zones

ENCLOSURE
+ Powder coated aluminum
+ Dimensions: 3RU height 17-1/4"L x 15-3/8"D x 5-1/4"H

ELECTRICAL SPECIFICATIONS
+ Input voltage – 100-240 VAC, 50-60Hz,
   IEC power cord included

INPUTS
+ Network connection
+ Microphone input allows stationary mic to be
   used for Headend Rack Unit input
+ 1 (All Call) Page trigger zone inputs -
   Sends All Call microphone page
+ Power input
+ POTS line input (RJ11)

PAGE
+ POTS line telephone input. RJ11 connector
+ POTS appearance phone line from PBX
+ Right channel single RCA mono, unbalanced, single
   ended RCA jack.

MUSIC
+ Left and right channel dual RCA mono, 10k ohm input
   impedance, unbalanced RCA jack (phone connector)

WIRING AND CABLE CONNECTORS
+ Cat5e data cable, RJ45 connector. Connects to OP's
+ Page output, pins 4 and 5 of RJ45 is a balanced
   output (data cable)
+ Music output, pins 7 and 8 of RJ45 is a balanced
   output (data cable)
+ Screw terminal block. Connects to (-), audio common
   of first OP

POWER REQUIREMENT
+ 100-240 VAC

AGENCY LISTINGS
+ UL 2572
+ ULCS576
+ UL 864

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