i.Net
MUSIC PAGE INTERFACE LOCAL RACK UNIT (MPI-2)

MODEL G1505

FUNCTION

Lencore's Music Page Interface (MPI) Rack Unit replaces all the bulky headend equipment that that is associated with music and paging systems. With the MPI, there is no need for additional cable home runs, amplifiers, separate equalizers, special switching equipment or matching vendors for compatible product interfaces. The MPI's technology is so sophisticated that it can allow zone additions, modifications, deletions and other changes to the paging system on the fly, without rewiring. This eliminates the need for running multiple home runs back to the electrical closet or through building risers to create separate or additional zones. The MPI allows the ability to use up to 99 individual zones for paging using standard DTMF tones through a POTS telephone line. When the MPI is connected to the i.Net's web appliance, programming can be set for up to 1.5 million square feet of space through a single device.

FEATURES AND CAPABILITIES

+ Ability to play background music, break tones, pre-recorded messages and doorbell chimes.
+ One direct mic input and a second line-level mic input for paging.
+ Front panel LEDs. Various front panel LEDs indicate various functions and activity of the unit.
+ Analog phone input.
+ Built-in speaker for testing/troubleshooting.
+ Audio Test button. The Audio Test button is used to play pre-recorded music for testing/troubleshooting the paging lines.
+ Single turn pot to adjust the paging and music input signals levels.
+ Ability to connect a Global MPI.

DIMENSIONS

+ 19"L x 7"D X 1.75"H

ELECTRICAL SPECIFICATIONS

+ Input Voltage - 100-240 VAC, 50/60 Hz

AGENCY LISTINGS (PENDING)

+ UL 6500 or ANSI/UL 60065: Approved for use as audio/video equipment. US and Canada

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COMFORT. PRIVACY. PRODUCTIVITY.

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INPUTS

+ Power input.
+ Analog phone line input (RJ11)
+ Ground 2-pos terminal block (screw terminals)
+ Microphone inputs (individual wires and RCA)
+ Music inputs (RCA)
+ Global MPI (RJ45)
+ Data from the head-end (RJ45)
+ Break tones 4-pos terminal block (screw terminals)
+ Doorbell 4-pos terminal block (screw terminals)
+ Message Triggers 6-pos terminal block (screw terminals)

OUTPUT

+ Data output to OPs (RJ45) with two audio sources

LEDS

+ Power – solid when the unit is powered
+ Status – Solid when paging and when an IR remote button is pressed
+ Page On – solid during an active page
+ Audio input level – two sets of three LEDs for paging and music input level detection:

  Yellow = low or no input
  Blue = good audio level
  Red = audio input too high.
+ Activity:

  Rx – blinks when Neuron is receiving data
  Tx – blinks when Neuron is transmitting data.

STEREO MUSIC

+ Left channel, 10k ohm input impedance, unbalanced, single ended RCA jack (phono connector)
+ Right channel, 10k ohm input impedance, unbalanced, single ended RCA jack
+ Input impedance is 10K ohms

  Note: Left and right channels are combined to form one music input. All music inputs using the RCA jacks are single ended inputs

PAGE
POTS line telephone input. RJ11 connector

1. 2 wire (tip and ring) analog appearance
2. Configured to be loop start
3. Battery voltage is 48 volts
4. Loop current is 23 milli amps
5. Must have DTMF signaling capability
6. Must have hang-up (winking) supervision

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