

i.Net

MUSIC PAGE INTERFACE (MPI) RACK SHELF

MODEL G623505



FUNCTION

Lencore's Music Page Interface (MPI) replaces all the bulky headend equipment that is associated with music and paging systems. With the MPI there is no need for additional cable homeruns, amplifiers, separate equalizers, special switching equipment or matching vendors for compatible product interfaces. The MPI is capable of paging to 99 individual zones using standard DTMF tones through a POTS telephone line. The system is also programmed for all-call broadcast paging. The system's easy to use full one octave band equalizer can be adjusted to either individual zones or all zones and provides exceptional fine tuning capabilities. When the MPI is connected to the i.Net's web interface, programming can be set for up to 1.5 million square feet of space through a single device. The creation, modification, addition and deletion of zones or groups for paging and masking can be easily controlled through the web browser using Lencore's System Manager included with the Head-End offering tremendous adjustment and control capabilities with unprecedented flexibility. No proprietary software needs to be installed on the client's side, eliminating security and migration issues.

The MPI unit typically installs in the Telephone or IT closet. The MPI accepts a POTS line for all-call and zoned telephone paging. In addition, there are left and right audio inputs for music, all-call page, microphone input and testing input.

PRODUCT SHEET & SPECIFICATIONS

i.Net MUSIC PAGE INTERFACE RACK SHELF

MODEL G623505

PAGING VOLUME ADJUSTMENTS

(via System Manager)

- + Individual channels
- + Attenuation range – 48 dB, in 1 dB steps, plus a mute setting.

PAGING ZONES Setup

(via System Manager)

- + Individual channel, groups or global paging zones

PAGE TEST SETTINGS

- + Page On/Off Button - starts and stops an all-call page
Used for testing the page lines.
- + Service Button - sends test audio over page lines

LED GUIDES FOR VOLTAGE INPUTS

On the top of the MPI unit there are two potentiometer to adjust audio inputs for both paging and music. The LED displays on the front of the unit provides visual confirmation that the audio signal is in range.

- + Page LEDs -
 - Yellow light: Audio input too low
 - Blue Light: Good
 - Red Light: Clipping

- + Music LED's -
 - Yellow light: Audio input too low
 - Blue Light: Good
 - Red Light: Clipping

MUSIC VOLUME ADJUSTMENTS

(via System Manager)

Attenuation range – 48 dB, in 1 dB steps, plus a mute setting

PAGING BROADCAST/MUSIC ZONES

- + Individual channel, groups or global music zones

PAGING/MUSIC OCTAVE EQUALIZER

(via System Manager)

- + One page/music equalizer for all channels
- + 10 bands, 31 Hz to 16 kHz, each user adjustable by ± 5 dB in 1 dB steps

DIMENSIONS

- + 2RU
- + 19"L X 15"D

ELECTRICAL SPECIFICATIONS

- + Input voltage – 100-240 VAC, 50/60 Hz
- + Power usage – 2.5 Watts
- + Heat Dissipation: 8.53 BTU

TELEPHONE PAGE USAGE

- + Lift telephone receiver
- + Dial extension of MPI
- + Wait for short dial tone
- + Dial two digit paging zone number and the # key or
(Dial 00# for all call page_
- + Wait for short beep
- + Issue page
- + Hang up

INPUTS

- + LonWorks® network. Connects to InternetServer using two screw terminals.
- + Page input - Page input allows a microphone with a mic pre-amp to be used - Dry contact switch input sends all-call page to all OP's (overrides telephone input).
- + Music - Line-level Audio
- + Phone - POTS appearance line
- + Music - Line Level Audio
- + Phone - POTS appearance line

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PAGING REQUIREMENTS

POTS appearance 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

STEREO/MUSIC

- + Left channel, 10k ohm input impedance, unbalanced, single ended RCA jack.
- + Right channel, 10k ohm input impedance, unbalanced, single ended RCA jack.

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



OUTPUT

+ Cat5e data cable, RJ45 connector. Connects to OP's:

- Page output, pins 4 and 5 of RJ45 is a balanced output
- Music output, pins 7 and 8 of RJ45 is a balanced output
- Two ground (common) screw terminal blocks. Connects to (-), ground of first OP