

## PRODUCT SHEET & SPECIFICATIONS

# n.FORM™

# OPERATING PLATFORM RACK MOUNT

## MODEL G7225



### OP SOUND SOURCE

The n.FORM Operating Platform Rack Mount delivers superior intelligible messaging, quadruples the number of speakers from one operating platform and has four times the number of channels, compared to the i.Net® OP – creating coverage up to 6 million square feet per system.

### A SMARTER SYSTEM

The Rack Mount Unit monitors its own internal temperature and can report the status of individual speakers. The unit meets the UL2572 and the UL 864 standard and therefore is accepted as part of a mass notification system.

Each OP includes:

- Multiple sound masking sources produce a sound that is random making it exceptionally comfortable.
- Independent equalizers provide unprecedented tuning where every channel of the system has a separate 1/3rd octave band equalizer or parametric equalizer.

The multidrop system and network is intelligent enough to bypass any failure to keep communicating throughout the entire network. Point-to-Point networks can not achieve this level of connectivity and diagnostic control.

### FLEXIBILITY

Groupings of sound sources and channels let you customize an almost limitless number of zones for masking, paging and music, while maintaining the advantages of complete networked operation and control.

### FEATURES AND CAPABILITIES

The OP displays information on its two integrated LCD screens, including the specific address of the respective enclosure and diagnostic information. The OP checks during a diagnostic test for system performance including Amplifier faults, Amplifier temperature, Speaker load faults and Internal temperature.

- + Meets the UL 2572 and UL 864 standard for Mass Notification Systems
- + Each channel on the OP functions independently, and provides 16 non-coherent random sound sources per OP. Each OP is incoherent from all other OPs. Up to eight speakers can be connected per channel for a total of 128 speakers.
- + An integral keypad for user input and setup, configuration and diagnostics
- + Removable rack mounting brackets
- + Each unit has 16 speaker channels with RJ45 connectors
- + 6 audio inputs can be routed to any channel
- + Temperature monitoring for amplifier
- + LED indicators for:
  - Power
  - DSP (Status)
  - Neuron Activity & Service Fault

### INTEGRATION OF SEPARATE PAGING AND MUSIC CHANNELS

Each channel can be digitally controlled for zone management and changed on the fly without any change in wiring.

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### ENCLOSURE

- + Powder Coated Aluminum
- + Dimensions – 3 R.U. height  
17 1/4" L x 5 1/4" H x 15 3/8" D
- + Weight – 14lbs

### SOUND GENERATOR

- + Octave bands – 25Hz to 20,000Hz
- + Parametric bands – 20Hz to 20,000Hz
- + Voltage – 120 VAC
- + Contour Adjustments
- + Spectrum Adjustment – Meets  
Acoustical Preferred Curve

### OUTPUT ADJUSTMENTS

- + 1/3 octave band EQ for entire spectrum  
(25Hz-20KHz).  
*Meets ANSI specification for bands*
- + Parametric EQ for entire spectrum (20Hz-20KHz)
- + Volume control for individual channels, groups/zones, or  
global for sound masking, paging and music
- + Contour control for individual channels, groups/  
zones or global for sound masking
- + EQ control for individual OP's or global for paging/music
- + EQ control for individual channels, groups/zones or global  
for sound masking
- + Programming of groups and zones

### SPECTRUM SHAPING

- + Units are able to be shaped with a full 1/3 band octave  
equalizer (30 bands)
- + Units are able to be shaped with a parametric equalizer
- + Equalizers cover the full spectrum to manipulate the entire  
spectrum from 20Hz to 20KHz

### WIRE REQUIREMENTS

- + Power – includes AC power cord
- + Audio & Data
- + Speakers – Cat 5e cable or equivalent, 4  
twisted pair, with standard RJ45 connectors

### PROGRAM MEMORY

- + Non-volatile for one year minimum, without power

### REMOTE INFRA-RED VOLUME/ CONTOUR CONTROL

- + Remote volume and contour control adjustments  
for masking, paging and music. Point the remote to a  
wall mounted, infrared receiver panel to make  
immediate adjustments

### PAGING EQUIPMENT

- + If paging option is required, see product sheet for  
Lencore's Headend Rack Unit

### AGENCY LISTINGS

- + UL 2572 / ULC-S576
- + UL 864
- + UL60065
- + CAN ICES-3A/ NMB-3A
- + This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired operation.
- + **CE**