



# i.Net<sup>®</sup>

Engineered System Solutions for Sound  
Masking, Paging, & Audio



## The Intelligent Network

Lencore is committed to providing solutions, products and services that transform environments and change people's lives by creating more privacy, greater comfort and improved productivity. The Lencore i.Net system is designed to promote collaboration and encourage creativity while delivering acoustical comfort.

The leading choice of innovators and companies throughout the world, i.Net's intelligent network is the most sophisticated sound masking and paging system in the industry. Our superior sound quality, unmatched speaker design and built-in sound frequency controls is unrivaled by market competitors. i.Net also meets the UL 2572 Standard. This standard allows the Lencore system to interface with a Fire Alarm Control Panel and conforms with the National Fire Protection Association Code 72: Fire Alarm and Signaling.

With the most advanced technology and by offering more choices with proven results, i.Net is in the position to meet the challenges and demands that impact your facility.

## About Our Engineered System Solutions

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The i.Net Engineered System Solution uniquely addresses the proper requirements for sound masking, paging and audio for today's facilities. Each system successfully masks intrusive speech, creates privacy and delivers intelligible paging and audio solutions to ensure intended audiences are well informed and comfortable in their environments.

The system offers virtually limitless zoning capabilities, plug and play speaker options as well as a revolutionary intuitive Graphic User Interface (GUI) for central system controls. The i.Net System is also capable of local, remote and Infrared (IR) controls.

Floor-to-floor, building-to-building, across the campus or around the world, i.Net provides innovative and flexible solutions to enhance the workplace environment. Whether you are an established industry leader or an innovative organization poised for growth, we believe it is our responsibility to help you create a comfortable and productive work environment.

## i.Net<sup>®</sup> Features

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- + Superior sound quality and uniformity that provides speech privacy and comfort
- + Single point of control for complete system access, viewing and reporting
- + Control options via PC, touch pad, remote control and tablet applications
- + Infrared audio channel controls are used in-plenum, on the wall or with a keypad
- + Open platform system design that easily integrates with building systems
- + Equalization for sound masking, music, and paging
- + Zone control with overlap capabilities
- + Sound introduced gradually or outside of working hours for occupant acclimation
- + Scheduler to change sound masking levels based on working hours or occupancy

## i.Net Advantages

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- + Unrivaled sound quality and speaker design
- + Requires no proprietary software or cabling
- + Local, global, and prioritized paging
- + Ease of use, installation and tuning
- + Simple integration through the REST app to connect with building management systems
- + UL Listed for air-handling spaces and use in the plenum
- + Detailed diagnostics & reporting
- + 10 Year Full Warranty
- + Meets ACUM for comfort



# Scalable. Intuitive. Intelligent.

## WITH LENCORE, IT'S ALL IN THE BOX

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For ease of installation and use, Lencore's i.Net® is offered as a completely packaged solution. Shipped in a rack mount version that meets the UL 2572 standard, the system's entire headend equipment is expertly assembled, pre-wired and ready for on-site installation.



**Sound Masking Headend**

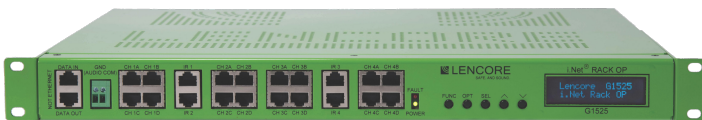
- With 1 IP Address, the system's web server controls the masking and provides flexibility to access the system, monitor settings, manage zones and make other changes from virtually anywhere – on-site, off-site, or around the world.
- Achieves the UL 2572 standard in order to connect to a fire alarm control panel and mute masking and music.
- The standard for sound masking

## Key Criteria: Privacy & Comfort

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A quality sound masking system must simultaneously provide both privacy and comfort throughout any facility. For privacy, a system must meet a variety of industry tests, parameters and measurements to ensure speech unintelligibility. Measurements for comfort, previously considered subjective, are now defined and measured by the following five qualities: audio distribution range, uniformity of sound throughout a space, wrap-around of generated sound, target decibel (dB) level and the achieved privacy measurements. Not only does i.Net let you customize an environment like no other available system, it outperforms competitive systems on every point that matter for speech privacy and comfort.

The primary sound source of the i.Net system is the Operating Platform that produces, equalizes and distributes the sound.



**Quad OP**







- 4 i.Net OP's in 1U rack.
- 128 speakers per unit.
- Capability to daisy chain multiple units.
- Front panel LCD and switches for adjusting the system and diagnostic information.
- Optional in-plenum single OP also available (not shown)

# Speakers

Lencore offers the highest quality speakers in the sound masking industry with the widest dispersion that perfectly reproduces the finest masking sound. Our superior sound quality outperforms competitive systems to deliver more privacy, greater comfort and improved productivity.

I.Net offers in-plenum and direct fired speakers to suit all ceiling applications and types. RJ45-style connectors are integrated into each speaker and OP, eliminating the need to strip and connect wires, reducing installation time.

## i.Net® Speaker options include:

	
Upward & Downward Firing	Ceiling Plate
	
Tangent	Decorative Wall Mounted
	
Decorative Pendant	SolidDrive

# It's All About Control Digital, App Based, Remote & IR System Access

I.Net can be controlled and adjusted in a variety of ways to offer clients multiple access, tuning and system configuration options. Real time system controls are made on-site or off-site and are also available digitally through a web interface. In addition, other building control systems can be integrated. The system also offers adjustable control settings at any IR port or wall plate location.

## USER INTERFACE

The zoning and programming flexibility of the i.Net System is unprecedented. To simplify control, system setting adjustments, tuning and reporting can all be made through Lencore's user interface.

## NO COSTLY REWIRING

Since each sound masking channel can be digitally controlled for sound and zone management, there is no need for rewiring. Zones can be reassigned without the need to go back into the ceiling.

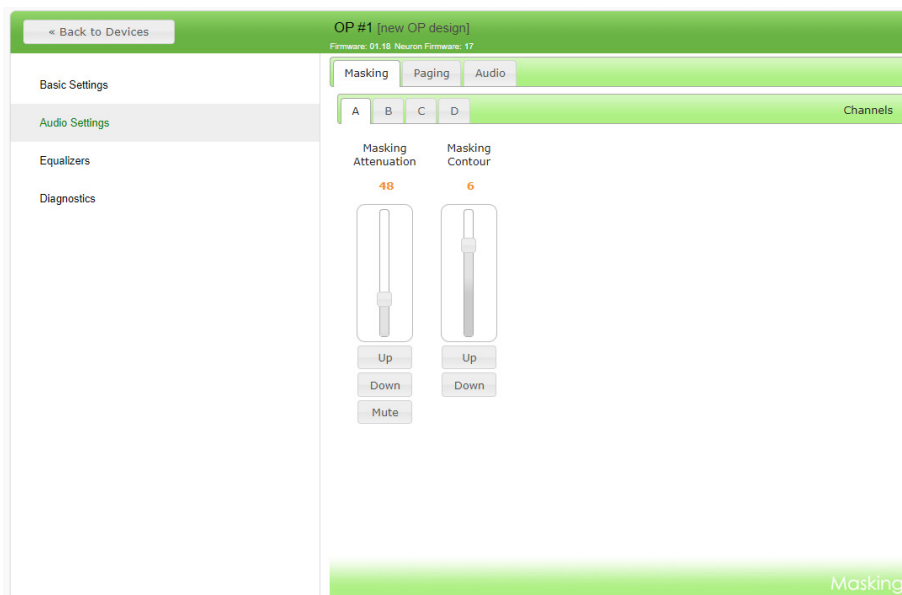
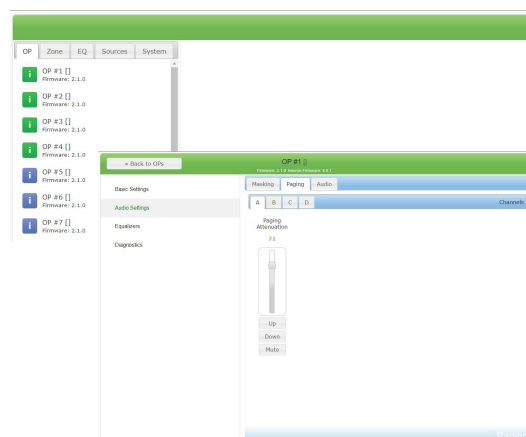
**On-site, off-site or around the world, i.Net® offers unprecedented system access, zoning and control while providing superior sound quality for sound masking, paging and audio systems.**

## Dashboard system access for real time adjustments through the System Manager

System Manager is included with every i.Net System and is designed to easily adjust volume and contour, create zones, and manage diagnostics for sound masking, paging and audio - all independently. The friendly graphic user interface is housed on the i.Net web server and can be accessed either locally through direct connection via a PC or, if the user chooses to place the system on their network, remotely through a password protected portal. Multiple locations can be managed remotely through the use of FieldPoP - a cloud-based system directory.

### Use the System Manager to:

- + Tune the sound masking system for volume, contour, and equalization
- + Create groups of channels for masking zones, paging zones, and music zones
- + Control volume and equalization for paging and music
- + Reset system to factory-set commands
- + Reset system to last saved settings







## Features of the i.Net® System

i.Net® System Meets UL 2572  
/ ULC S576 Standard

Lencore manufactures system solutions for Sound Masking, Paging and Audio with applications in a variety of industries, delivering speech privacy and productivity, with exceptional comfort.

Founded in 1990, Lencore has installed sound masking, paging and audio systems for thousands of companies in over hundreds of millions of square feet across the United States and around the world.

With the most advanced technology and by offering more choices with proven results, Lencore is in the position to meet the challenges and demands that affect your facility.

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