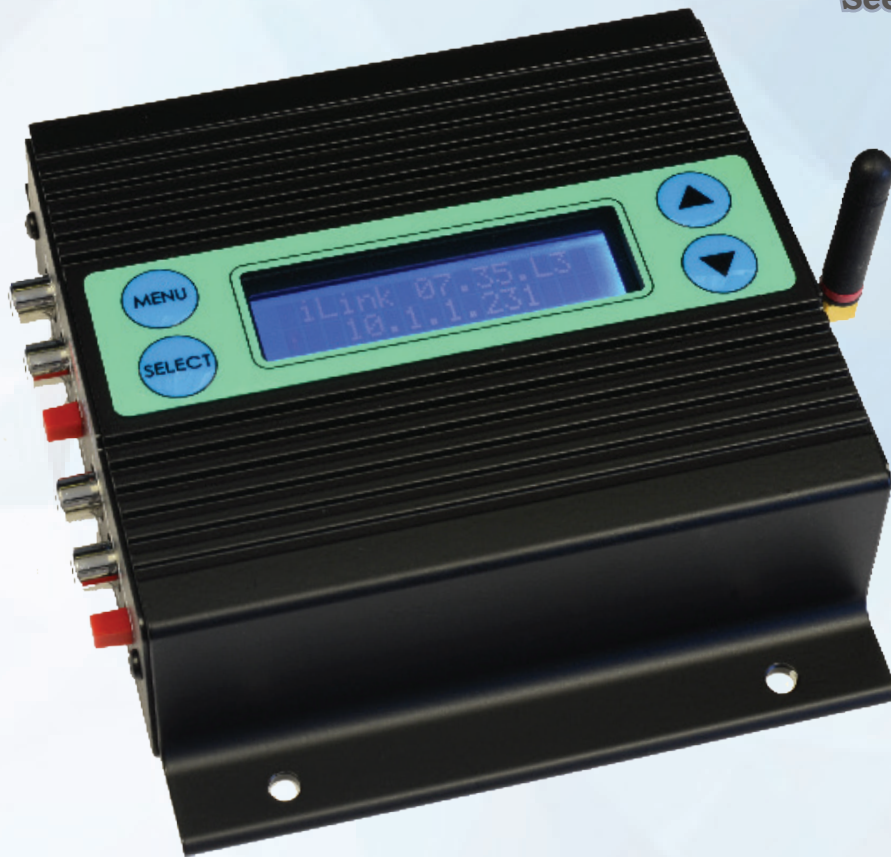


2019 Product Catalog

Digital Messaging & Smart Scenting Solutions

Wireless iLink LCD
See Page 5



“Our products speak for themselves”



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Designed, Developed and Manufactured in the USA

iLink LCD

Internet Loadable Messaging System

Now with Digital Streaming Output!



Available Wireless Option

- ▶ **802.11 b/g network standard**
- ▶ **WPA, WPA2, WEP security infrastructure**
- ▶ **Included high-gain 2.4GHz antenna**
- ▶ **Wireless configuration via web browser**

The iLink is a two-channel Internet downloadable messaging system utilizing MP3 compression to achieve near-CD quality audio playback. Units come with 2GB or 4GB of built-in flash memory to handle any audio application. The new backlit LCD screen and membrane touch keys control volume and mode settings as well as allowing local configuration of the unit's IP. Also included is an internal monitor speaker for checking playback status.

The iLink connects to the Internet through its built-in 10/100 LAN jack. All unit management and audio file downloads are performed by the authorized supporting dealer over the Internet using our secure i-Connect Studio software suite. The integrated two-way (push or pull) feature combined with the ability for changes to be initiated on demand or be scheduled from minutes to weeks in advance provide unlimited flexibility and convenience.

The iLink provides a solid platform for all applications ranging from simple message-on-hold with seamless single message playback to complex scheduled tasks requiring background music with fade and message mixing. The dual independent outputs also make the iLink a "one-box-solution" in multi-zone installations.



- ▶ **Complete unit management via Internet**
- ▶ **Dealer customizable backlit LCD screen**
- ▶ **Full menu-driven local control**
- ▶ **Playback quality up to 128Kbps**
- ▶ **Fully configurable playback options**
- ▶ **BGM input with fader and mixer**
- ▶ **Dual independent output channels**
- ▶ **Internal monitor speaker**
- ▶ **LED status indicators**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Playback	MP3
Freq. Response	20Hz to 20KHz
Bit/Sample Rate	Up to 128Kbps/48KHz
Loading Type	Internet
Memory Type	Flash
Memory Capacity	2GB or 8GB
Message Capacity	Up to 1000
Message Playback	Fully configurable
Power	12VDC @ 500mA
Audio Output	Dual - 8Ω or 600Ω RCA
Size (H x W x D)	6.00" x 6.00" x 1.50"
Color	Black
Shipping Weight	3 pounds

Messenger USB

USB Flash Drive Messaging System

**MP3 & WAV File
Playback Support!**



The Messenger USB is a state-of-the-art digital audio playback device designed to provide a continuous play audio source for message-on-hold, background music or any other audio application where high-quality audio playback is required.

Messages are stored in MP3 or WAV format on any standard USB flash drive with no special software or drivers needed. The Messenger USB is capable of high-quality audio file playback of up to 128Kbps MP3 files and 16-bit PCM 16 WAV.

Audio content is easily managed by plugging the USB flash drive into a PC or MAC computer's USB port and "dragging and dropping" MP3 or WAV file to and from the drive. Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving the added expense of additional USB flash drives and the related mailing and tracking costs.

Along with optional message triggering, the Messenger USB is also available with the next generation encryption software called Sonocrypt Level 3. This version of Sonocrypt encrypts the file itself making the MP3 or WAV file unplayable anywhere except on the Messenger USB. This makes the distribution of your audio content safe and secure while eliminating unauthorized playback.

- ▶ **Plays MP3 & WAV files from USB drive**
- ▶ **No drivers or special software needed**
- ▶ **Playback quality up to 128Kbps MP3**
- ▶ **Playback quality of 16-bit PCM 16 WAV**
- ▶ **Continuous playback**
- ▶ **Message triggering option**
- ▶ **Built-in monitor speaker**
- ▶ **Sonocrypt™ encryption (optional)**
- ▶ **LED status indicator**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Playback	MP3 or WAV
Freq. Response	20Hz to 20KHz
Bit/Sample Rate	Up to 128Kbps/48KHz MP3
	Up to 16-bit PCM 16 WAV
Loading Type	USB flash drive
Memory Type	Flash
Memory Capacity	USB drive dependent
Message Capacity	Up to 1024
Message Playback	Continuous or shuffle
Power	12VDC @ 500mA
Audio Output	8Ω or 600Ω RCA
Size (H x W x D)	6.00" x 6.00" x 1.50"
Color	Black
Shipping Weight	3 pounds

Messenger USBi

USB Flash Drive Messaging System

**MP3 & WAV File
Playback Support!**



The Messenger USBi is a state-of-the-art digital audio playback device designed to provide a continuous-play audio source for message-on-hold, background music, or any other audio application where high-quality audio playback is required.

Messages are loaded from a standard USB flash drive to the unit's internal memory. To load new audio simply plug in a USB drive containing the new MP3 or WAV file and the Messenger USBi automatically loads the new program to memory, with no reset needed.

Audio content is easily managed by plugging the USB flash drive into a PC or MAC computer's USB port and "dragging and dropping" MP3 or WAV file to and from the drive. Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves, saving the added expense of additional USB flash drives and the related mailing and tracking costs.

The Messenger USBi is also available with Sonocrypt Level 3, which encrypts the file itself making the MP3 or WAV file only playable on the Messenger USBi. This makes the distribution of music and messaging secure, ensuring against unauthorized playback.

- ▶ **Loads MP3 files from USB drive**
- ▶ **No drivers or special software needed**
- ▶ **Playback quality up to 128Kbps**
- ▶ **Playback quality of 16-bit PCM 16 WAV**
- ▶ **Continuous playback**
- ▶ **Message trigger option**
- ▶ **Built-in monitor speaker**
- ▶ **Sonocrypt™ encryption (optional)**
- ▶ **LED status indicator**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Playback	MP3 or WAV
Freq. Response	20Hz to 20KHz
Bit/Sample Rate	Up to 128Kbps/48KHz MP3 Up to 16-bit PCM 16 WAV
Loading Type	USB to on-board flash
Memory Type	Flash
Memory Capacity	USB drive/unit dependent
Message Capacity	Up to 1024
Message Playback	Continuous or shuffle
Power	12VDC @ 500mA
Audio Output	8Ω or 600Ω RCA
Size (H x W x D)	6.00" x 6.00" x 1.50"
Color	Black
Shipping Weight	3 pounds

Multi-Messenger USB

Multi-Message USB Flash Drive Messaging System



The Multi-Messenger USB is a state-of-the-art digital message repeater that installs easily into any messaging application that requires triggered or timed message play.

Messages are stored in MP3 format on any standard USB drive with no special software or drivers needed. The Multi-Messenger USB is capable of high quality audio file playback of up to 128Kbps.

Messages are triggered either by the eight contact inputs on the rear of the unit or utilizing the built-in interval timer circuit. A wide variety of features such as an active output can be connected to LEDs or relays for activation when a message is playing or a stop trigger to terminate message play.

A built-in 12VDC auxiliary output allows motion detectors or heat sensors to be powered from the unit. All incoming triggers can be configured for normally-open or normally-closed triggering, as well as play once or play continuous. A rotate feature can be activated on the unit allowing for a different message to be played each time the main trigger is activated.

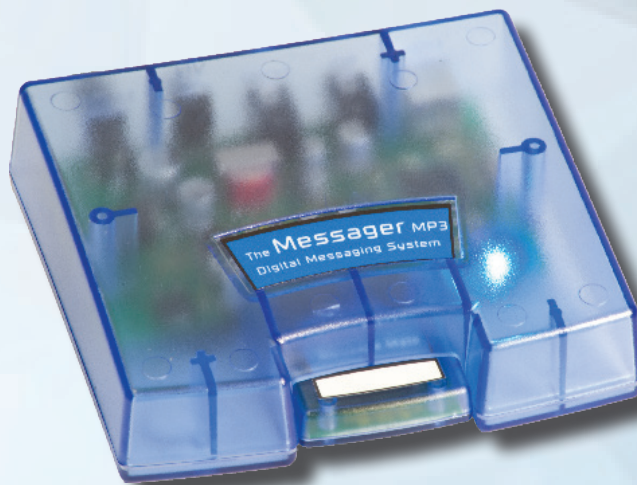
- ▶ **Plays MP3 files from USB drive**
- ▶ **No drivers or special software needed**
- ▶ **Playback quality up to 128Kbps**
- ▶ **Playback up to 99 audio files**
- ▶ **Continuous, interval and triggered play**
- ▶ **Stop message play trigger**
- ▶ **12VDC output for wiring sensors**
- ▶ **Built-in monitor speaker**
- ▶ **Exceptional dealer support**
- ▶ **LED status indicator**
- ▶ **1-year parts and labor warranty**

Specifications:

Playback	MP3
Freq. Response	20Hz to 20KHz
Bit/Sample Rate	Up to 128Kbps/48KHz
Loading Type	USB flash drive
Memory Type	Flash
Memory Capacity	USB drive dependent
Message Capacity	Up to 99 messages
Message Playback	Fully configurable
Power	12VDC @ 500mA
Audio Output	8Ω or 600Ω terminal strip
Size (H x W x D)	6.00" x 6.00" x 1.50"
Color	Black
Shipping Weight	3 pounds

Messenger MP3

Digital Messaging System



The Messenger MP3 is a state-of-the-art digital audio playback device designed to provide a continuous audio source for message-on-hold, background music or any other audio application where high-quality audio playback is required.

Messages are stored in MP3 format on non-volatile removable flash media cards called Message Mates. The Messenger MP3 is capable of high-quality audio file playback of up to 128Kbps.

Message Mates can be programmed using the Messenger and a standard PC running Windows XP® or above. Simply plug a USB cable from the Messenger into an available USB port on your computer and the Message Mate plugged into the Messenger will show up as a removable drive. Once connected, files can be added or removed by a simple drag-and-drop. No special software is required - just plug and go!

Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving the added expense of additional Message Mate drives and the related mailing and tracking costs.

- ▶ **Plays MP3 files from custom cartridge**
- ▶ **No drivers or special software needed**
- ▶ **Playback quality up to 128Kbps**
- ▶ **Playback up to 250 audio files**
- ▶ **Continuous playback**
- ▶ **Change audio via PC/USB or cartridge**
- ▶ **Small space saving footprint**
- ▶ **LED status indicator**
- ▶ **Exceptional dealer support**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Playback MP3
Freq. Response 20Hz to 20KHz
Bit/Sample Rate Up to 128Kbps/48KHz
Loading Type Flash cartridge or PC/USB
Memory Type Flash
Memory Capacity 16MB
Message Capacity Up to 250
Message Playback Continuous
Power 12VDC @ 500mA
Audio Output 8Ω or 600Ω RCA
Size (H x W x D) 1.25" x 4.75" x 4.40"
Color Translucent blue
Shipping Weight 2 pounds

TELink 700

Telephone Loadable Messaging System



The TELink is a professional quality telephone loadable digital audio playback device designed to provide a continuous play audio source for message-on-hold applications.

The TELink comes standard with 32 minutes of non-volatile high-density flash memory and offers a wealth of standard features including fax-line sharing, voice-line sharing and distinctive ring compatibility. Also standard is a night answer mode to answer the phone after business hours and play a separate night message for callers. This updated model adds a high quality internal monitor speaker and is packaged in an industrial aluminum case that is smaller and easier to wall mount.

All remote unit management and audio downloads are accomplished by authorized supporting dealers using the i-Connect Studio software suite.

The TELink provides a solid platform that allows easy deployment from the smallest single location install to large multi-store rollouts. Loads to units can be initiated on demand, scheduled for a specific date and time, or remote units can be scheduled to call the controller at a future date and time and automatically load new audio.

- ▶ **32 minutes of flash memory**
- ▶ **Sample rates up to 92Kbps**
- ▶ **Fax-Share capability**
- ▶ **Internal monitor speaker**
- ▶ **Industrial aluminum case, easy to mount**
- ▶ **Separate 8Ω and 600Ω RCA outputs**
- ▶ **LED status indicator**
- ▶ **Night Answer feature**
- ▶ **Exceptional dealer support**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Playback uLaw
Freq. Response 300Hz to 3.5KHz
Bit/Sample Rate Up to 92Kbps
Loading Type Telephone line
Memory Type Flash
Memory Capacity Up to 32 minutes
Message Capacity 1 day, 1 night
Message Playback Continuous
Power 12VDC @ 500mA
Audio Output 8Ω or 600Ω RCA
Size (H x W x D) 6.00" x 6.00" x 1.50"
Color Black
Shipping Weight 3 pounds

iScent Radius

Intelligent Scenting System

Patented Oil Level Sensing & Remote Management Technology



Available Wireless Option

- ▶ **802.11 b/g network standard**
- ▶ **WPA, WPA2, WEP security infrastructure**
- ▶ **Included high-gain 2.4GHz antenna**
- ▶ **Wireless configuration via web browser**

The iScent Radius is an intelligent easy-to-use scenting system utilizing advanced microprocessor controlled fragrance oil level, pump & atomizing diffuser technology. This system can be used in a wide range of environments such as airports, amusement parks, car dealerships, corporate offices, cruise ships, grocery stores, gyms & spas, homes & condos, hospital & healthcare, hotels, & casinos, restaurants & bars, retail stores & malls, theaters & venues, and waste management.

The iScent Radius can be used as a stand alone system using an intuitive 2 x 16 LCD display and keypad for programming. For advanced capability and remote unit management, including real-time fragrance oil level sensing, the system can be connected to the Internet through its wired or wireless LAN options.

All remote unit management is performed by the authorized supporting dealer over the Internet using our secure iScentral software suite. The integrated two-way (push or pull) feature combined with the ability for remote schedule changes and feedback of fragrance oil level provide unlimited flexibility and control for mutli-location installations.



- ▶ **Easy-to-use local unit programming**
- ▶ **Optional wired or wireless connectivity**
- ▶ **Customizable backlit LCD screen**
- ▶ **Local & remote fragrance oil level sensor**
- ▶ **Tactile feel membrane overlay keys**
- ▶ **High-Impact Chemical Resistant Plastic**
- ▶ **1 year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Diffusion Method	Cold Air Micro-Mist
Area Coverage	2,000 to 30,000 cubic feet
Fragrance Capacity	500mL
Internet Connection	Wired & Wireless
Wireless Standards	802.11 b/g
Wireless Security	WPA, WPA2 & WEP
Unit Construction	High-Impact Plastic
Power	15VDC @ 1.67A
Size (D x H)	4.50" Dia. x" x 11.25"
Color	White or Black
Shipping Weight	4 pounds

iScent

Intelligent Modular Scenting System

Expanded Stock Scent Pack Offerings!



The iScent is a state-of-the-art scenting unit that allows for fragrance disbursement in industrial and commercial applications. Each unit has the ability to run a 24 hours-a-day duty cycle or can be set to be cycled on and off with the built in timer. Units are built with low power high quality ball bearing fans that are virtually silent allowing units to be used in a multitude of environments.

Users who require more advanced control can pair the iScent unit with an iLink LCD digital message repeater from Nel-Tech Labs to create a powerful synchronized scenting and audio platform. Units can be paired with the two-zone audio output of the iLink to allow for separate scenting zones as well as pre and post-scenting scheduling capabilities. Because of the advanced optically isolated circuitry, units can be hundreds of feet from the main control unit or daisy chained for increased scenting coverage.

The iScent units use specially created iScent Packs designed by Air Essentials that take full advantage of the air flow dynamics engineered into every unit. Air Essentials has many off the shelf scents but can create a compelling scent program to drive the sales of your product or services.

- ▶ **Scenting up to 450 sq. ft. area**
- ▶ **Virtually silent fan operation**
- ▶ **Scent & iLink message synchronization**
- ▶ **Built-in on-off cycle timer**
- ▶ **24-hour continuous operation duty cycle**
- ▶ **Industrial aluminum case construction**
- ▶ **Optically isolated trigger inputs**
- ▶ **Low power energy efficient design**
- ▶ **Laser engraved cover option**
- ▶ **1-year parts and labor warranty**
- ▶ **Designed and manufactured in the USA**

Specifications:

Scenting Area	450 sq. ft.
Scenting Method	Forced Air
Scent Pack Type	iScent Pack by Air Essentials
Scent Pack Life	30 Days (average) @ 12.5 hours per day
Expansion	Optically Isolated with 500 ft. range
Power	12VDC @ 150mA
Size (H x W x D)	6.00" x 6.00" x 1.50"
Color	Black
Shipping Weight	3 pounds
Part Number	ISCENT-TYPE1

i-Connect Studio

Remote Unit Management Software Suite

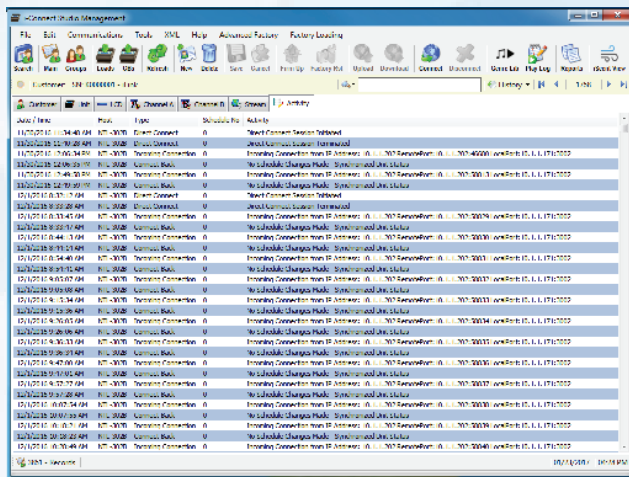
I-CONNECT STUDIO™ IS A POWERFUL MICROSOFT SQL DATABASE DRIVEN SOFTWARE PACKAGE USED TO CONTROL AND MANAGE ILink, TELINK & ISCENT RADIUS UNITS IN THE FIELD.

**NEW FEATURES NOW WITH GENRE MODE!
CLOUD VERSION COMING SOON!**

i-Connect Studio allows for easy management of Nel-Tech Labs/PICA Product Development manufactured digital messaging and scenting hardware using easy to use tabs, toolbars, sliders, progress bars and buttons. Creation of audio libraries, playlist and schedules are done with a simple drag-and-drop style interface and built in “quick-play” features. Global unit changes are also streamlined with the newly updated and optimized group creation wizard.

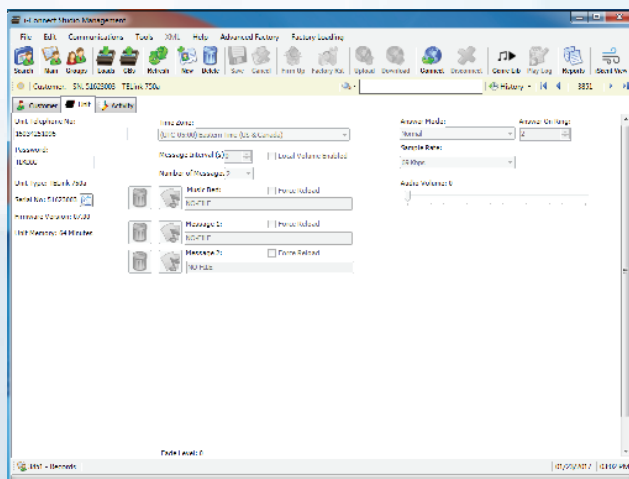
i-Connect Studio Distribution allows for fully automated updates of iLink, TELink & iScent Radius hardware. Updates can be done instantly or scheduled for a future date and time. The updated Distribution engine allows for an unlimited number of iLink & iScent Radius unit connections and is only limited by the bandwidth you have available.

The SQL database engine and memory management technology make creating groups, moving through records and adding or deleting information fluid with virtually no lag between mouse clicks.

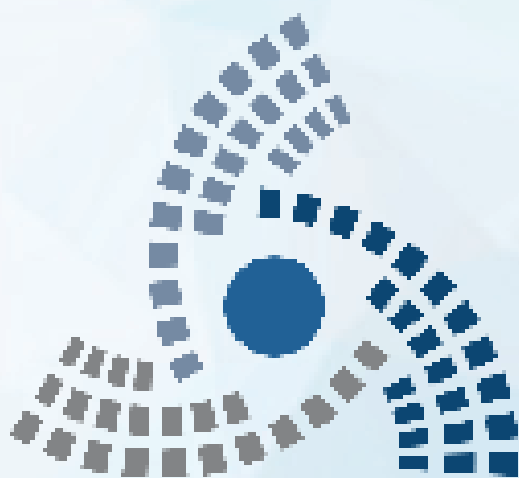


SOFTWARE FEATURES

- **Contact manager type interface**
- **iLink, TELink & iScent Radius hardware support**
- **Microsoft Windows & Mac compatible***
- **Microsoft SQL database engine**
- **Client/server topography capable**
- **User-friendly tabs, toolbars, visual aids, sliders, progress bars and buttons**
- **Simple to use drag-and-drop library, playlist and schedule creation GUI**
- **Responsive record-to-record access**
- **Simultaneous unit updates via i-Connect Studio Distribution application**
- **Instant or scheduled unit changes**
- **Update units via push or pull**
- **Expanded searching capabilities**
- **Detailed unit activity & connectivity logs**
- **Port 80 and proxy server support**
- **Customizable reporting capability**
- **OEM customizing available**
- **FREE software updates****
- **USA based support**



* Currently supporting Windows Vista, Windows 7 & Windows 8, Windows 10, Mac running OSX and VMware Fusion 5+
** Updates and support are for active Nel-Tech Labs/PICA Product Development dealers - Software is not available to the end-user



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