

iLink™



Nel-Tech Labs Digital Messaging System

Message-On-Hold • Background Music • In-Store Messaging

The iLink™ is an Internet downloadable messaging system utilizing state-of-the-art MPEG compression to achieve truly stunning near-CD quality audio storage and playback. Base units include 2GB of flash memory and can be expanded to 16GB or more for longer message applications such as in-store messaging and background music. The iLink connects through your local network to the internet using its built-in 10/100 Ethernet jack. Every iLink unit includes our new Complex Scheduling/Day Parting technology administered by the NTL Studio™ controller software. This innovative feature allows multiple playlists to be scheduled on a time/day basis.

All unit management and audio downloads are done by the dealer over the internet using our NTL Studio software suite. When an update is needed NTL Studio opens a dedicated “socket” using your high-speed internet connection and locates the remote iLink by IP address. It then digitally transfers the MP3 audio files and configuration settings you need. The iLink’s integrated two-way (push or pull) ConnectBack™ feature combined with NTL Studio’s powerful scheduling abilities provide unlimited flexibility

and convenience. Changes can be initiated on demand, be scheduled from minutes to weeks, or the iLink can be instructed to connect automatically and load new audio.

iLink’s features include:

- Base memory of 2GB or larger
- Storage for up to 1000 total files
- Supported MP3 bit-rates up to 128Kbps
- LED status indicators
- Local and remote volume control
- Automatic firmware updates
- Dual independent channels w/BGM throughput
- Hyperbit® technology
- Complex Scheduling/Day Parting
- BGM music input, adjustable fader, & timer
- 5-year parts and labor warranty
- Designed and manufactured in the U.S.A.

Each iLink is built to exacting quality standards using state-of-the-art assembly equipment for outstanding reliability and years of dependable service.



Specifications

iLink Technical Specifications

iLink model choices:

- 2GB or larger

Audio Quality:

- Standard MP3 files
- Up to 128Kbps bit-rate
- Up to 48KHz sample-rate

Playback Options:

- Music w/Messages (MOH)
- Messages mixed BGM (In-Store Messaging)
- Music only (BGM source)
- Continuous, shuffle, interval, or real time

Initial Installation

- Plug-and-Play – device pulls directly from NTL Studio
- No on-site programming required
- Optional manual PUSH/PULL initiates immediate download from server

Network Connectivity

- RJ-45 Ethernet connector
- Up to 4 ConnectBack™ IP addresses
- Auto resume from disconnect point
- Hyperbit® Technology - uninterrupted audio playback
- Self-health check - auto connect or restart

Output Power

- 8Ω - 6 volts peak-to-peak
- 1KΩ - 12 volts peak-to-peak

Power

- 12VDC @ 500mA

Physical

- Size: 1.50" x 8.25" x 9.00" (H x W x D)
- Shipping weight: 3¾ lbs.
- Wall mountable
- Black plastic

NTL Studio Controller Software Specifications

Software Features

- Four ConnectBack™ IP addresses protects against loss of connectivity to the server and database
- True client/server software platform retains control with no special IT infrastructure
- Stable Windows® XP/Vista software application verses an *over the Internet* web application
- Multi-threaded application
- Adjustable fader control

Administration and Downloads

- PULL: iLink initiates updates
- PUSH : NTL Studio sends audio to iLink
- Complex Scheduling – allows multiple playlists with unique start and stop times, including scheduling days or months in advance
- Download up to 1000 files per iLink
- Up to 1024 simultaneous incoming/outgoing channels

Audio Controls

- NTL Studio can remotely control iLink output volume
- Lock-out local manual volume control feature

System Reporting

- NTL Studio reporting includes iLink location & status
- E-mail notification with each successful download

System Requirements (minimum)

- Computer: IBM PC or 100% compatible
- Operating system: Windows® XP Professional
- CPU: Intel Pentium 4 (or AMD equivalent)
- Memory: 512MB system memory (2GB recommended)
- Graphics: 32MB video memory
- Sound card: 16-bit sound card (On-board or plug-in)
- Hard drive: 1GB plus storage for audio files
- Input device: Keyboard and mouse
- Network card: 10/100 Ethernet



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