

# Messenger® USB

Available  
Mid-Summer  
2006!



Sold by:

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## Nel-Tech Labs Digital Messaging System

*Message-On-Hold • Background Music Source*

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 on industry standard USB flash drives from 16MB up to 4GB. The Messenger USB is capable of MP3 file playback from 8Kbps all the way up to full CD-quality audio playback of 128Kbps.

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 files to and from the drive. Your customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving you the expense of additional USB flash drives and the related mailing and tracking costs.

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 file unplayable anywhere except on the Messenger USB. This makes the distribution of music and messaging safe, secure, and ensures against unauthorized playback.

The Messenger USB features include:

- Plays MP3 files from USB Flash Drive
- Up to 4GB Flash drives supported
- No drivers or special software needed
- Playback quality up to 128Kbps
- Store up to 1024 messages
- Continuous playback
- Built-in monitor speaker
- Sonocrypt Level 3 encryption (optional)
- LED status indicator
- Exceptional dealer support
- 5-year parts and labor warranty



64MB  
Flash Drive  
Included!

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



# Specifications



## Technical

Decoding ..... MPEG (.mp3)  
Frequency Response ... 20Hz to 20KHz  
Bit Rate ..... 8Kbps to 128Kbps  
Sample Rate ..... 16KHz to 48KHz  
Memory Type ..... USB Flash Drive  
Memory Capacity ..... 16MB to 4GB  
Message Capacity ..... Up to 1024 messages  
Message Loading ..... Computer via USB Flash Drive

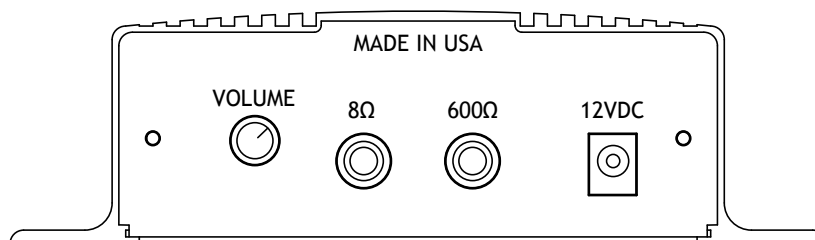
Message Playback ..... Continuous  
Power Supply ..... 110VAC 60Hz to 12VDC @ 500mA  
Audio Output ..... Mono RCA jack  
Adjustable volume control  
Impedance ..... 6V p-p @ 8Ω or 3V p-p @ 600Ω  
Size ..... 6.00" x 6.00" x 1.50" (H x W x D)  
Color ..... Black  
Shipping Weight ..... 3 pounds

## Memory Tables

The bit-rate of your MP3 file will determine memory capacity.

64MB Flash Drive Capacity Table		
Bit-rate	Quality	Message Time (64MB)
32Kbps	Analog Telephone	4.25 Hours
48Kbps	↓	2.66 Hours
64Kbps		2.13 Hours
96Kbps		1.33 Hours
128Kbps	CD	64 Minutes

## Back View



**Nel-Tech Labs, Inc.**  
4 Ash Street Extension • Derry, NH 03038  
800.344.4685 • 603.425.1096  
www.nel-techlabs.com  
sales@nel-techlabs.com