

Messenger® USB



Nel-Tech Labs Digital Messaging System

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



USB
Flash Drive
Included!

Message-On-Hold • Background Music Source

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

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

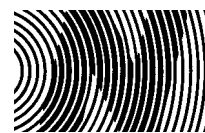
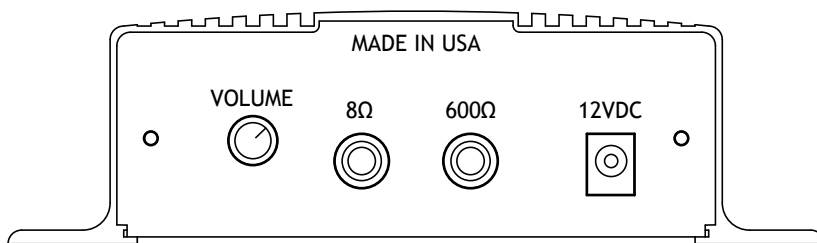
Decoding	MPEG (.mp3)	Message Playback	Continuous
Frequency Response ...	20Hz to 20KHz	Power	12VDC @ 500mA
Bit Rate	8Kbps to 128Kbps	Audio Output	Mono RCA jack
Sample Rate	16KHz to 48KHz		Adjustable volume control
Memory Type	USB Flash Drive	Impedance	6V p-p @ 8Ω or 3V p-p @ 600Ω
Memory Capacity	16MB to 4GB	Size	6.00" x 6.00" x 1.50" (H x W x D)
Message Capacity	Up to 1024 messages	Color	Black
Message Loading	Computer via USB Flash Drive	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



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