

Messenger® MP3



Plays Standard
MP3 Files!

Message-On-Hold • Background Music Source • Presentations

Nel-Tech Labs Digital Messaging System

The Messenger® MP3 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 non-volatile removable flash media cards called Message Mates, and are available in capacities from the base 64-minutes to well over 8-hours of storage. The Messenger is capable of playback of MP3 files from 8Kbps all the way up to full CD-quality audio playback of 128Kbps/48KHz.

Message Mates can be programmed using the Messenger MP3+ 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, just like you

would with a digital camera card or any other type of removable media. No special software is required - just plug and go!

The Messenger MP3 features include:

- 64-minute removable media
- Continuous playback
- Plays standard MP3 files
- Support to 128Kbps/48KHz files
- Store single or multiple messages
- USB connection (Messenger MP3+ only)
- LED status indicator
- No special software needed
- Modern case design
- Exceptional dealer support
- 5-year parts and labor warranty
- Manufactured in the USA

Each Messenger MP3 is built to exacting quality standards using state-of-the-art assembly equipment for outstanding reliability and years of dependable service.



Specifications

Technical

Encoding	MPEG (.mp3)	Message capacity	Up to 250 messages
Frequency response	20Hz to 20KHz (depending on sample rate)	Message loading	Message Mate MP3
Bit Rate	8K to 128Kbps	Message playback	Continuous
Sample Rate	16KHz to 48KHz	Power supply	110VAC 60Hz to 12VDC @ 500mA
Signal to noise	>100dB	Audio output	Mono RCA jack
File Compression	6:1 to 96:1		Adjustable volume control
Memory type	High-density FLASH	Impedance	6V p-p @ 8Ω or 3V p-p @ 600Ω
Memory capacity	64 minutes @ 32Kbps (base) 8.53 hours @ 32Kbps (max)	Size	1.25" x 4.75" x 4.40" (H x W x D)
		Color	Translucent Blue
		Weight	1 pound (excluding power supply)

Memory Tables

The bit-rate of your .mp3 audio files determine audio quality and maximum storage time as shown in the table below.

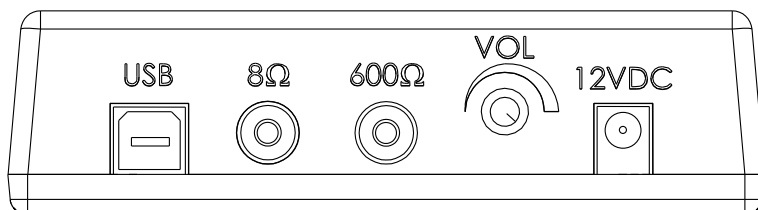
Bandwidth	Bit-rate	Compression	Message Time (Base)	Message Time (Max)
4KHz	8Kbps	96:1	4.27 Hours	34.16 Hours
4KHz	16Kbps	48:1	2.13 Hours	17.04 Hours
8KHz	24Kbps	32:1	1.33 Hours	10.64 Hours
8KHz	32Kbps	24:1	64 Minutes	8.53 Hours
11KHz	48Kbps	16:1	40 Minutes	5.33 Hours
11KHz	64Kbps	12:1	32 Minutes	4.26 Hours
15KHz	96Kbps	8:1	20 Minutes	2.66 Hours
15KHz	128Kbps	6:1	16 Minutes	2.13 Hours

Base message time calculated using a 16MB flash memory with a 32Kbps .mp3 file.

MarketingMessages®

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Back View



USB only available on the Messenger MP3+ version.



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