

Messenger® MP3



Plays Standard
MP3 Files!

Message-On-Hold • Background Music Source

Audio Messaging Solutions, LLC

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 that are available in capacities from the 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.

Unlike 3rd party consumer media, Message Mates are manufactured by Nel-Tech Labs. This means that you will never have to worry about uncontrollable 3rd party media issues: this includes periodic driver/firmware updates, special software, employee theft, or long term availability. 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!

The Messenger MP3 features include:

- 64 minute removable media (32Kbps)
- Continuous playback of standard MP3 files
- Change audio via PC/USB or flash card
- Plays single or multiple MP3 files
- Playback quality up to 128Kbps/48KHz
- No driver updates or special software needed
- Space saving footprint (20 in²)
- LED status indicator
- Exceptional dealer support

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 Loading Message Mate card or PC/USB
Frequency Response ... 20Hz to 20KHz	Message Playback Continuous
Bit Rate 8 to 128Kbps	Power Supply 110VAC 60Hz to 12VDC @ 500mA
Sample Rate 16KHz to 48KHz	Audio Output Mono RCA jack
Signal-to-Noise >100dB	Adjustable volume control
File Compression 6:1 to 96:1	Impedance 6V p-p @ 8Ω or 3V p-p @ 600Ω
Memory Type High-density FLASH	Size 1.25" x 4.75" x 4.40" (H x W x D)
Memory Capacity 64 minutes @ 32Kbps (base)	Color Translucent Blue
Message Capacity Up to 250 messages	Shipping Weight 1½ pounds

Memory Tables

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

Bit-rate	Quality	Message Time (Base)	Message Time (Max)
32Kbps	Analog Telephone	64 Minutes	8.53 Hours
48Kbps		40 Minutes	5.33 Hours
64Kbps		32 Minutes	4.26 Hours
96Kbps	↓	20 Minutes	2.66 Hours
128Kbps	CD	16 Minutes	2.13 Hours

Base message time calculated using a 16MB flash memory with a 32Kbps .mp3 file. Bit rates of 32Kbps or greater are recommended for quality playback.

Back View




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