

Sonorous®



Message-On-Hold • Background Music Source

Nel-Tech Labs Digital Messaging System

The **Sonorous®** is a state-of-the-art digital audio recording and 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. The audio program is loaded from a CD burned as a DATA CD with standard MP3 files onto high-density flash memory using a pure digital-to-digital file transfer. After loading audio, the CD can be removed and audio plays from the 8Ω or 600Ω RCA output jack.

The Sonorous has a storage capacity of 16MB of flash memory which can be used for message-on-hold or shorter message applications.

The Sonorous supports CD media that has been burned as a DATA CD using many 3rd party programs that are available today. For ease of use the Sonorous also supports the Windows XP and Windows Vista burning applications that are included as a standard part of the OS.

The Sonorous is also available with the optional Sonocrypt® Level 3 encryption technology. This technology enables dealers to protect customers units against unauthorized loading of MP3 files. The Sonorous features include:

- 16MB base memory
- CD autoloads standard MP3 files
- Playback of single or multiple MP3 files
- Supported bit-rates up to 128Kbps
- Supported sample rates up to 44KHz
- Industry standard CD-ROM drive
- LED status indicator
- Sonocrypt® Level 3 encryption available
- Extruded aluminum construction
- Exceptional dealer support
- 5-year parts and labor warranty

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



Specifications

Technical

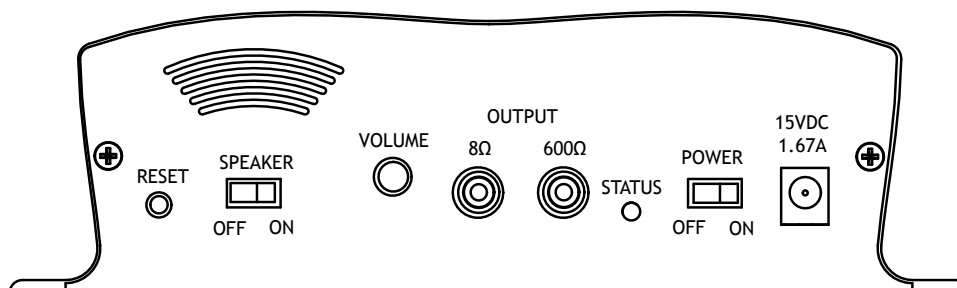
Decoding	MPEG (.mp3)	Message Playback	Continuous or shuffle (optional)
Frequency Response ...	20Hz to 20KHz	Power Supply	15VDC @ 1.67A
Bit Rate	Up to 128Kbps	Audio Output	Mono RCA jack
Sample Rate	Up to 44KHz		Adjustable volume control
Memory Type	High-density FLASH	Impedance	6V p-p @ 8Ω or 3V p-p @ 600Ω
Memory Capacity	16MB	Size	2.25" x 7.50" x 8.75" (H x W x D)
Message Capacity	Up to 500 files	Color	Black
Message Loading	CD using built-in CD-ROM	Shipping Weight	5 pounds

Memory Tables

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

Bit-rate	Quality	Message Time (16MB)
32Kbps	Analog Telephone	64 Minutes
64Kbps	↓	32 Minutes
128Kbps	CD	16 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