

Sonorous® v2.0



Updated Version

- Redesigned Case
- Better Indicator Placement
- Improved Built-In Speaker
- Vista CD Burning Support
- Lower Cost Shipping



Message-On-Hold • Background Music Source

Nel-Tech Labs Digital Messaging System

The **Sonorous® v2.0** 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 base storage capacity of 16MB of flash memory which can be used for message-on-hold or shorter message applications. If longer memory capacities are required, the Sonorous is available with 512MB of flash memory storage.

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 Model 1 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 48KHz
- 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

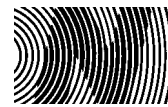
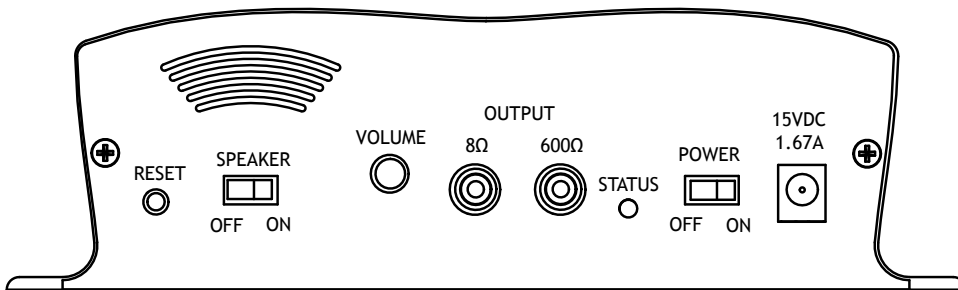
Encoding MPEG (.mp3)	Message Playback Continuous or shuffle (optional)
Frequency Response ... 20Hz to 20KHz	Power Supply 15VDC @ 1.67A
Bit Rate 8K to 128Kbps	Audio Output Mono RCA jack
Sample Rate 16KHz to 48KHz	Adjustable volume control
Memory Type High-density FLASH	Impedance 6V p-p @ 8Ω or 3V p-p @ 600Ω
Memory Capacity 16MB or 512MB	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)	Message Time (512MB)
32Kbps	Analog Telephone	64 Minutes	34.13 Hours
48Kbps	↓	40 Minutes	21.33 Hours
64Kbps		32 Minutes	17.06 Hours
96Kbps		20 Minutes	10.67 Hours
128Kbps	CD	16 Minutes	8.53 Hours

Back View



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