Sonorous®

Nel-Tech Labs
Digital Messaging System

Message-On-Hold • Background Music Source

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 underline 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.
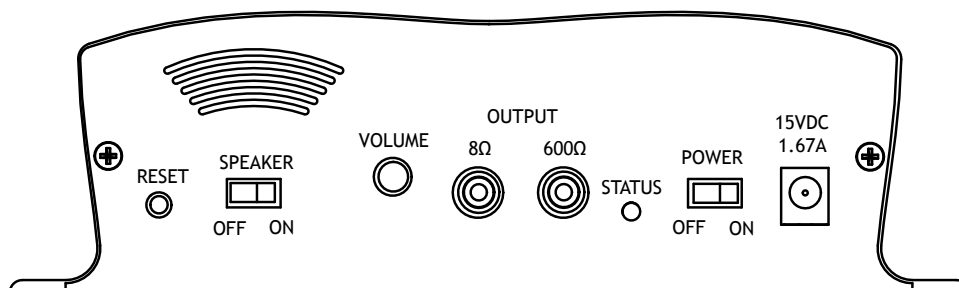
Made in New Hampshire • Made in USA

Specifications

Technical

Decoding .... MPEG (.mp3)
Frequency Response ... 20Hz to 20KHz
Bit Rate .... Up to 128Kbps
Sample Rate .... Up to 44KHz
Memory Type .... High-density FLASH
Memory Capacity 16MB
Message Capacity ..... Up to 500 files
Message Loading .... CD using built-in CD-ROM

Message Playback ...... Continuous or shuffle (optional)
Power Supply .... 15VDC @ 1.67A
Audio Output .... Mono RCA jack
Adjustable volume control
Impedance .... 6V p-p @ 8Ω or 3V p-p @ 600Ω
Size .... 2.25" x 7.50" x 8.75" (H x W x D)
Color .... Black
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

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