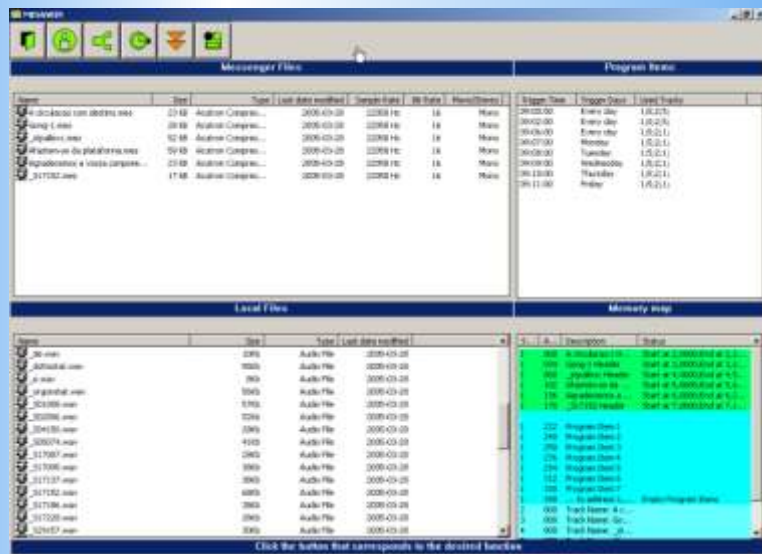


MESSENGER

Digital Non-Volatile Memory
Message Recorder



DESCRIPTION

The MESSENGER digital recorder is a device capable of storing up to 17 minutes of audio in a non-volatile memory, with infinite retention of contents and settings.

APPLICATIONS

- Where a small quantity of mono messages must be stored and played, not justifying resorting to brute-force personal computer methods.
- In emergency evacuation systems.

FEATURES

Basic:

- Capable of storing up to 62 messages in FLASH memory, corresponding to 17 minutes of recording time at a 16kHz sample rate, which provides 6.5kHz bandwidth.
- Fully RF filtered.
- DSP-driven.
- Configuration kept in EEPROM non-volatile memory.
- Parallel printer port for dumps
- Selectable analog inputs for both microphone level and line level.
- Parallel interface for remote control and message dispatching.
- 24-bit converters
- Fully EN55103 compliant according to 89/336/EMC
- Internal anti-aliasing and anti-imaging filters.
- LCD display and keyboard for local programming
- High-speed 4:1 compression algorithm.

And in conjunction with the optional Windows™ Mess-Win software:

- Software allows total device control by means of its graphic interface.
- Recordings may be transferred inside the unit in WAV format

- Messages may be time-sequences, with weekly or daily repeating, maximum number of programmable events is 160.
- Volume of each message in the sequence is programmable
- Content backups are possible

SPECIFICATIONS

Nominal output level	0dBu/0dBFS
Gate threshold	Mic-25dBu at 12dB gain
Maximum Input	Mic-9dBu Line+3dBu
Conversion Resolution	24-bit 16-bit
Frequency response	100Hz-6.5kHz ±1.5dB (16kHz sampling rate)
Sample rates	16, 22.05, 32, 44.1KHz
Capacity	17, 12, 8.5, 6 minutes (At the above rates)
Baud rate (V.11, V.28)	115kBaud maximum
CMRR	>40dB, 20Hz-20kHz
THD+N	<0.04% 1kHz
Noise	<-70dBu
Analog Overload level	+10 dBu
Terminal interface	V.28, V.11
Physical	19" rack, 1U 200mm depth
Weight	3.0 Kg
Power supply	230VA @ 5VA
Operating temp.	0-40°C

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Specifications may change without prior notice
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Windows is a trademark of Microsoft Corp.

Messenger Files				
Name	Size	Type	Last date modified	
Foi suprimido.mes	23 kB	Acutron Compressed Audio	2005-03-29	
_531252.mes	28 kB	Acutron Compressed Audio	2005-03-29	
Descarrilament.mes	45 kB	Acutron Compressed Audio	2005-03-29	
Gong-1.		Acutron Compressed Audio	2005-03-29	
Obrigad		Acutron Compressed Audio	2005-03-30	
_dsttost		Acutron Compressed Audio	2005-03-29	

Update To Messenger
Decompress
Compress
Play From Messenger

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