MACKENZIE

minimac 2

NEXT GENERATION COMPACT AUDIO MESSAGE REPEATER

Features:

- On board recording capability
- Up to 15kHz bandwidth
- Crystal clear 16 bit MP3 audio quality
- Digital Transfer via USB memory key
- Record via Line level/Microphone inputs
- Line level output
- Speaker output (4 watts, 10 watt option)
- Playing relay (Form C)
- Multi-message(4) sequencing capability
- Over 16 Hours of audio storage capacity
- Non-Volatile SD Card memory
- Compact size, just 6.5L x 4.5W x 1.25H
- Rugged enclosure



At last, a small, easy to use, high quality and affordable digital audio message repeater – Minimac2.

Anywhere or anytime, Minimac2 is a reliable way to get an audio announcement where you need it when you need it. Minimac2 allows the user to record hours of crystal clear audio. Once recorded, the unit may be triggered to playback via a contact closure from a user supplied pushbutton, motion sensor or other control device.

Small size allows Minimac2 to be put almost anywhere. Non-volatile flash memory means the Minimac2 will retain its message even during a power outage. Built-in amplifier allows the unit to drive a speaker directly in close proximity applications.

Minimac2 is also able to store up to 4 individual messages. Sequencing mode allows each trigger to it will play the next message until it reaches the last, then it will start from the beginning. Standard mode allows Minimac2 to play the same message location each time the unit is triggered.

Models: MMD-USB: 4 watt speaker output, 12VDC MMD-USB/10W: 10 watt speaker output, 15VDC

Unique Applications:

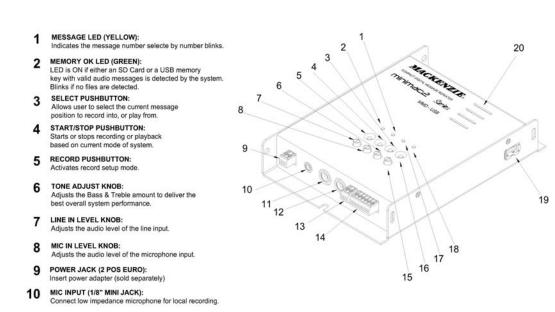
Safety instructions for family entertainment center rides Add voice to a theme park characters costume under battery power Nature trail information under solar power Public area (schools, work yard, etc.) warning messages (tornado, earthquake, etc.) Sightseeing tour commentary

minimac is back, and better than ever

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COMPACT AUDIO MESSAGE REPEATER

MODEL: MMD-USB COMPACT AUDIO MESSAGE REPEATER



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- 11 LINE INPUT (RCA JACK):
- Connect line level audio input for local recording. LINE OUTPUT (RCA JACK):
- 12 LINE OUTPUT (RCA JACK): Audio output level of up to +3dB into 600 Ω, this is a standard level for most applications.
- 13 SPEAKER OUTPUT (2 POS EURO): Audio output level of up to 2.5W into 8 Ohm. Use this output if more drive is needed to reach a more comfortable listening level.
- 14 REMOTE I/O (6 POS EURO) : Provides remote access to Minimac's start and stop control and play relay output.
- 15 OUTPUT LEVEL KNOB: Adjusts the volume to the both line level and speaker audio outputs.
- 16 SPEAKER PUSHBUTTON: Turns local Monitor speaker ON/OFF.
- 17 RECORD LED (RED): Used to display recording mode. Red light ON, indicates message (s) is being copied from USB memory key to SD Card.
 18 PLAYING LED (GREEN):
- 18 PLAYING LED (GREEN): This green LED is ON when the system is playing Pre-Recorded messages.
- 19 USB MEMORY KEY CONNECTOR: Audio files can be copied directly from a USB memory key, to the system's internal memory.
- 20 MONITOR SPEAKER: Allows user to preview message play back.

Audio Coding:		Power Requirement:	
Method:	16 bit WAV	Input Voltage(STD)	: 12VDC, 1A (Speaker Out) or
Sample Rate:	44.1kHz		250mA (Line Out)
Audio Quality:		Connection:	2 pin Pluggable terminal
DynamicRange:	80dB, Typical	Manual Control & Status:	
Signal to Noise:	80dB, Typical	Pushbuttons:	Record, Start/Stop, Select, Speaker
Frequency Resp.:	100Hz to 15kHz	Status Indicators:	Memory OK, Message, Record,
Audio Input:			Play LED's
Line:	10k ohm, RCA	Remote Control I/O:	
Level:	+3dBm max., potentiometer adjust	Control Inputs:	Start, Stop
Mic:	1.5k ohm, 1/8" mini jack	Status Outputs:	Playing Relay
Level:	-30dBm max., potentiometer adjust	Output Type:	Dry relay contact (Form C),
Audio Output:			1A @24VDC non-inductive load
Line:	600 ohm (+3dBm max.), RCA jack	Connection:	6 pin Pluggable terminal
Amplified:	4 watts into 4 ohm(Standard),	Mechanical:	
	10 watts into 4 ohm(Optional),	Package:	Wall or table mount chassis
	2 Pin Pluggable terminal	Material:	18 gauge cold rolled steel; red
Level, Tone:	Potentiometer adjust		paint, white silkscreen
Internal:	For monitor purposes, fixed level	Rack mount(option)	•
Audio Memory:		Regulatory Agency Approvals:	
Type:	SD Card	FCC, Part 15, Class A; UL/CSA approval on external	
Capacity:	1GB Min, providing 16+ hr playback	power pack(sold separately)	
Digital Transfer:	USB Memory Key, High Speed		
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Specifications and Pricing are subject to change without notice