

# Digital Audio Recorder Model DAR-050



## Features

- Single Message
- Up to 1 minute 50 seconds
- On-Site Recordable / Re-recordable
- Nonvolatile FLASH Memory
- Incredible Fidelity
- 6 Watt Speaker Output
- Built-In PowerSaver Features
- 5 Year 'Gold Seal' Warranty

## Applications

- Exhibits / Kiosks / Dioramas
- Interactive Multimedia
- Interpretive Tours / Announcements
- Multiple Languages
- Background Ambience / Soundscapes

The **Digital Audio Recorder Model DAR-050** from Stop and Listen digitally records, stores, and plays back one message of up to 110 seconds duration. The message can be changed in moments with no special training or equipment required - just hook up a source, press record, and your message is loaded into maintenance-free digital memory. You can record from CD's, tape decks, from your PC: almost anything with an audio output.

Playback is started with any contact closure, whether it's a visitor push-button, motion sensor, or almost any other triggering device. Messages can also be set for continuous play mode, making the DAR-050 an ideal choice for background music and ambient soundscapes. It's compact size fits anywhere, it's solar compatible and suitable for both indoors and out.

The DAR-050 is packed with all the right features to make your exhibit a success, including our 5 year 'Gold Seal' warranty. Every unit comes fully loaded with memory, built-in amplifier, a 12 volt power supply and a full set of audio patch cords. Just add a speaker and a button and it's ready to roll!

Available options include: output speakers, pushbuttons, motion sensors, Podium, handsets, etc.

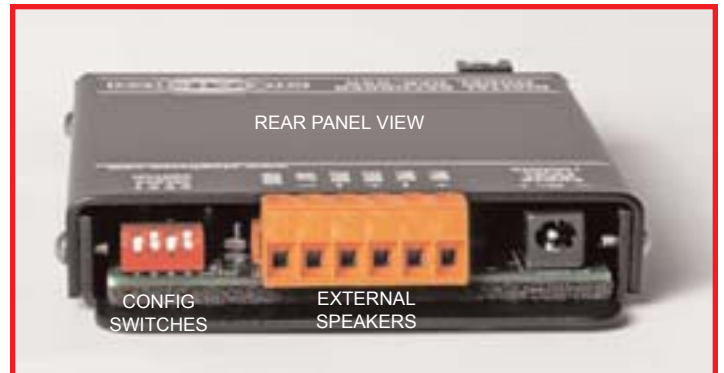
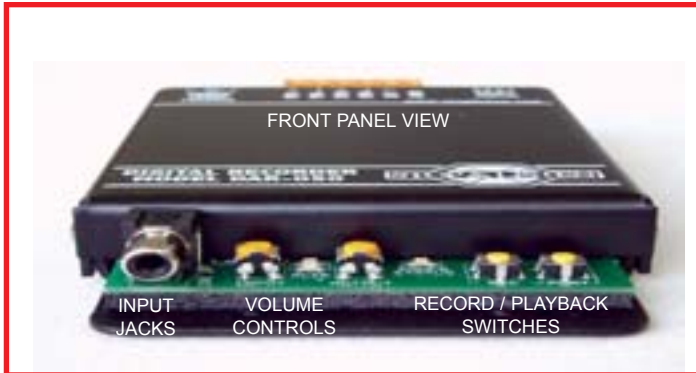
**MAKING AUDIO EASY...**

**STOP & LISTEN**

DETAILED SPECIFICATIONS ON REVERSE

# Digital Audio Recorder Model DAR-050

## Technical Specifications



## Specifications: Digital Audio Recorder DAR-050

Max Recording Time	1 minute 50 seconds (110 seconds)
Digital Sampling Rate	39.06 kHz (kilohertz), fixed
Digital Compression	None, not required
Frequency Response	50-14.5kHz (@nom input, +/-3dB) fixed
Message Capability	single message
Audio Inputs -Line Level	230mV p-p (-20dBm) sensitivity, 10k impedance, adjustable
Audio Processing	On-board variable slope analog compression/expansion
Audio/ Anti-Alias Filters	8th order Butterworth-type, Burton Implementation
Dynamic Range	>70+ dB
Audio Output -SPKR	6 watt nom / 2.2 watt true RMS speaker level, bridged, adjustable volume, user-configurable to 200mV Line Level output
Controls	Input Volume, Speaker Volume, local start, local record
Memory Type	32mbit / 4MB non-volatile NAND Flash EEPROM
Memory Backup	NOT REQUIRED, non-volatile
A/D Conversion	Companded 8 Bit Linear, real time streaming
Indicators	VU Level on Rec/PB, PowerSaver Status, Play Status, Record Status
Start Input	Momentary dry contact closure for single play, sustained for continuous play Input is configurable for interruptible/non-interruptible mode, or N.C. contacts
PowerSaver Capability	selectable on/off, proprietary auto-standby mode for remote power systems
Power Consumption	60mA @ 12 VDC (typical, average), 290 microamps standby in PowerSaver mode
Power Supply (supplied)	12 VDC output nominal @ 800 mA, 120 VAC source
Approvals	Class II Device, CSA, UL, FCC CLASS A Compliant
Construction Standard	Industrial/Commercial, carbon steel enclosure, polyester finish
Operating Temp/Humid.	-20°F to +130°F (-30°C to +55°C), non-condensing
Dimensions, Weight	3.5"w x 6.0"d x 0.75"h, 1.8 lbs (89mm x 152mm x 19mm, 0.7 kg)
Warranty	5 year 'Gold Seal' manufacturer direct

*Includes 12VDC Power Supply, Set of Audio Patch Cords, Detailed Operating Instructions*

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**Stop and Listen**  
**[www.stoplisten.com](http://www.stoplisten.com)**  
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