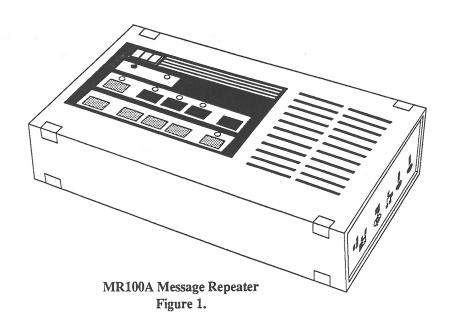


MR100A Message Repeater

OPERATING INSTRUCTIONS

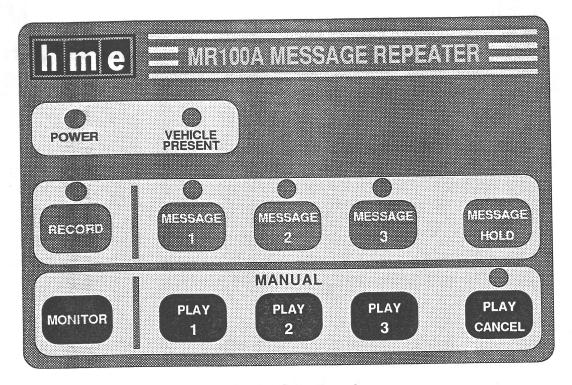
The MR100A is a digital audio device used for recording, storing and repeating high-quality voice messages. It was designed for use with a drive-thru audio system to greet customers, give directions or promote menu items, and for other industrial applications. The MR100A requires no tape, and can record and repeat up to three sixteen-second messages. Its electronic memory retains the messages whether the unit is on or off. Message repeating can be triggered manually or automatically, by any standard vehicle detector. The MR100A features also an auto-repeat mode switch for continuously repeating a message, and a day/night mode switch to lower the volume of the outside speaker for night operation. Messages can be recorded three different ways with the MR100A, either through the internal microphone, through an external microphone/headset or through the auxiliary input.

The MR100A has no on/off switch. When its AC electrical adapter is plugged into an electrical power outlet, the red POWER light should be lit, indicating the unit is on. Do not unplug the AC adapter. The adapter should remain plugged in, so the unit is on at all times. To operate the MR100A, follow the instructions below to record and repeat messages.



Equipment Included

MR100A Message Repeater Unit AC Adapter Mounting Hardware Kit Mounting Template Cable, 50 ft. (15 meter)



MR100A Control panel Figure 2.

OPERATING THE MR100A

I. Recording Messages

- To record a message from the internal microphone; set the MIC select switch on the right side panel of the MR100A control unit to the INT position. Press and hold the red RECORD button and one of the gray, numbered MESSAGE buttons. Speak in a normal voice toward the control unit, approximately 18 inches (400mm) from the unit. Release the RECORD button immediately after speaking.
- To record a message from the external microphone; set the MIC select switch on the right side panel of the MR100A control unit to the EXT position. Connect a standard HME headset to the MIC/AUX INPUT connector. Press and hold the red RECORD button and one of the gray, numbered MESSAGE buttons. Speak in a normal voice toward the headset microphone. Release the RECORD button immediately after speaking.
- To record a message from the auxiliary input (from a tape player with a pre-recorded message); set the MIC select switch on the right side panel of the MR100A control unit to the EXT position. Connect the auxiliary output of the tape player to the connector on the control unit with an HME interface cable (optional). Press and hold the red RECORD button and one of the gray, numbered MESSAGE buttons. Set the tape player on play. Release the RECORD button immediately after the recorded message has ended.
- □ To listen to a recorded message; press and hold the blue MONITOR button and one of the blue, numbered PLAY button that correspond to the recorded message you want to hear. The recorded message will play through the speaker in the MR100A unit, but will not be heard at the outside speaker.

II. Repeating Messages Automatically (for use with any vehicle detector)

□ To activate the automatic repeating of a recorded message; press the gray, numbered MESSAGE button corresponding to the desired message. The MESSAGE light will come on, indicating that message is selected, and will remain on until another message is selected or the MESSAGE HOLD button is pressed. The selecter message will automatically be repeated at the outside speaker each time a vehicle enters the drive-thru area.

If a message is still repeating when the vehicle leaves the drive-thru area, the message will stop and the repeater will be reset for the next vehicle's arrival. Each time a message is repeated, the PLAY light will come on and remain on until the message is completed.

To change to another recorded message; press another gray, numbered MESSAGE button corresponding to the desired message. The previously selected MESSAGE light will go off and the newly selected MESSAGE light will come on and remain on until another message is selected or the MESSAGE HOLD button is pressed. The newly selected message will automatically be repeated at the outside speaker each time a vehicle enters the drive-thru area.
To deactivate all the recorded messages; press the MESSAGE HOLD button. All MESSAGE lights will go off. No messages will be repeated at the outside speaker until a message is selected again. This cancels automatic message selections.

□ To stop/discontinue a message that is playing; press the PLAY CANCEL button. The PLAY light, above the PLAY CANCEL button, will be on while a message is playing, but will go off when the PLAY CANCEL button is pressed and the message stops. This cancels the current message only. It does not cancel automatically repeating messages; they will repeat again at the next drive-thru customer's arrival.

NOTE:

- If the message does not repeat when a vehicle arrives at the outside speaker, or
- If the message repeats when a vehicle drives away from the speaker, or
- If the vehicle present light remains on when no vehicle is present in the vehicle detector area:

For MR100As with *internal* vehicle detectors, push the VEH DETECT RESET switch on the right side of the MR100A control unit. (See Figure 3, below.)

For MR100As with *external* vehicle detectors, push the vehicle detector reset switch on the external vehicle detector unit.

III. Repeating Messages Manually

To manually activate the one-time-only playing of a recorded message; press the PLAY button corresponding to the desired message. The manually activated message will play at the outside speaker one time only. While the message is playing, the PLAY light will be on, and will remain on until the message has finished playing.

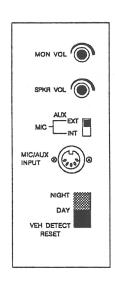
If no other message is playing at the time the PLAY button is pushed, the manually activated message will play immediately.

If a PLAY button is pushed while another message is playing, it will not interrupt the ongoing message. The PLAY button will have to be pushed again after the message has finished.

If another message has been selected for automatic repeating, and a PLAY button is pushed before it begins, the manually selected message will play one time only.

IV. Adjusting Speaker Volume

- ☐ To raise or lower the volume of the MR100A control unit internal speaker/monitor; adjust the monitor volume control (MON VOL) on the right side panel of the MR100A control unit. (See Figure 3.)
- ☐ To raise or lower the volume of the outside speaker; set the DAY/NIGHT switch on the right side panel of the MR100A to the DAY position, and adjust the outside speaker volume control (SPKR VOL). To lower the volume for evening operation, set the switch to the NIGHT position. (See Figure 3.)

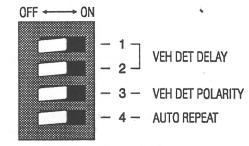


MR100A right side panel Figure 3.

V. Setting the Mode Switch

Locate the four mode switches, 1 & 2 = VEH DET DELAY, 3 = VEH DET POLARITY and 4 = AUTO REPEAT, on the left side of the MR100A control unit. The switches should be set for their various functions as follows. Be certain the functions of the mode switches are clearly understood by all personnel.

NOTE: Do not change the setting of mode switch 3. It was set correctly by the MR100A installer.



MR100A Mode Switch Figure 4.

☐ Message Delay Setting

The MR100A has the ability of delaying message repeating up to three seconds after a vehicle is detected. Set mode **switches 1 and 2** according to the table below for the desired delay.

	O Seconds	1 Second	2 Seconds	3 Seconds
Switch 1	ON	ON	OFF	OFF
Switch 2	ON	OFF	ON	OFF

□ Automatic Repeat Setting

Mode **switch 4** provides an ON/OFF setting for continuously repeating a message. When the switch is set in the OFF position, the selected message will repeat only once. When the switch is set in the ON position, the selected message will repeat continuously until the vehicle drives away. To cancel a message when the AUTO REPEAT setting is ON, press and hold the PLAY CANCEL button until the play light goes off.

LIMITED WARRANTY

SECTION 1

HM Electronics, Inc. (HME) warrants its products against manufacturing defects for one (1) year from the date of purchase from HME, except as set forth in section 2. Other aspects of the warranty apply as stated herein. During the warranty period, the product will be repaired without charge for parts and labor. Simply return it with your sales slip as proof of the date of purchase.

This warranty does not cover transportation costs. The equipment must not have been tampered with, modified or abused. Service by anyone other than HME employees or authorized HME service representatives voids the warranty. The serial numbers must be intact. Warranty is voided if equipment is installed by other than HME authorized agencies.

THIS WARRANTY COVERS HME PRODUCTS, AND IS NOT EXTENDED TO ASSOCIATED NON-HME EQUIPMENT OR ACCESSORIES. IN NO EVENT WILL HME BE LIABLE TO YOU FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PROFITS ARISING FROM THE USE OF OR INABILITY TO USE SUCH PRODUCTS, OR FROM ACCIDENTS OR ACTS OF GOD.

HME MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitations of exclusions may not apply.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SECTION 2

The one (1) year warranty period stated in Section 1 is changed for the following products.

WARRANTY PERIOD IS 90 DAYS FOR:

WARRANTY PERIOD IS 730 DAYS (2 years) FOR:

HS4 Headset with DIN connector HS4 Headset with XLR connector

COM2000 COMMUNICATOR®s (Black, less headset and battery) after 9-1-93

System 2500 Base Stations

All sales are final. No returns are accepted unless factory authorized within 90 days of invoice. A 15% restocking fee will be charged. Returns must be preauthorized by HME personnel. A return authorization number must be obtained and written on the shipping box. Returns without both a preauthorization and a return authorization number on the box will be refused and returned to the sender. Returns must be freight prepaid. Collect shipments will be refused and returned to the sender.

