

RAIN BIRD RM-1 ONE BUTTON SEQUENCER

INSTALLATION INSTRUCTIONS

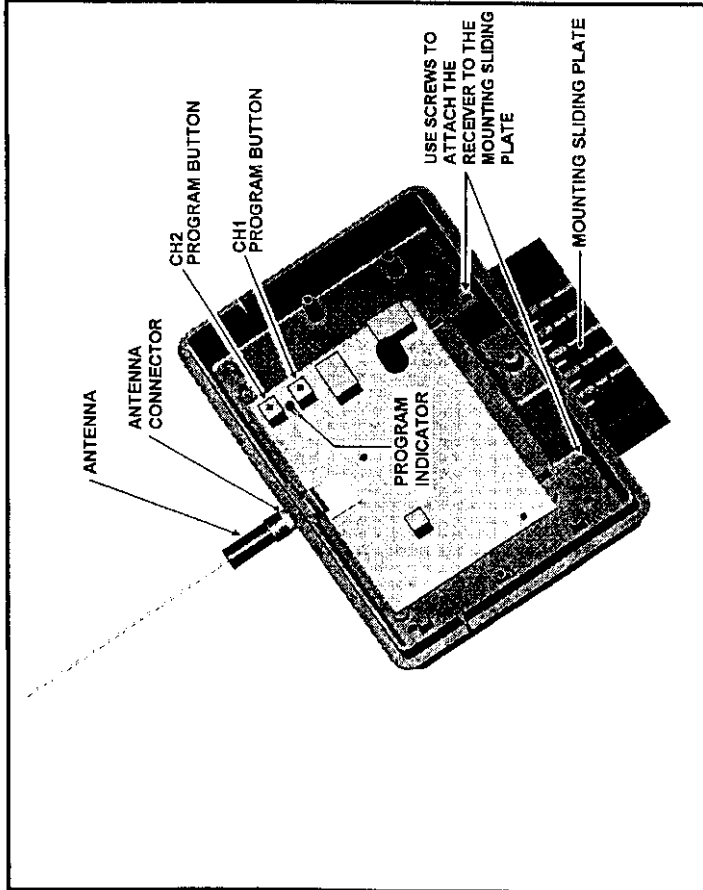
PRODUCT DESCRIPTION

The RM-1R is a two-channel digital receiver with two-isolated relay outputs. When the receiver detects a signal from a transmitter programmed into its memory, the appropriate relay output activates.

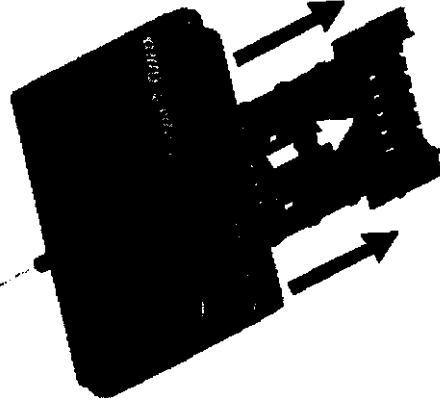
The digital code format features over a million possible codes. The transmitters are pre-coded at the factory to unique codes, so no field coding is required. Any transmitter can be programmed into any receiver channel. Each receiver must be programmed to the transmitter's code before system testing and operation.

A nine-inch wire whip antenna screws into the receiver's antenna connector. Optionally, a remote antenna (RAIN BIRD RM-1E) can be connected to the receiver for greater radio range. The red program indicator light during RF reception. The installer can verify that the signals are being sent from transmitters and diagnose interference problems by viewing indicator. The indicator also lights during memory programming and erasing.

RM-1R FEATURES

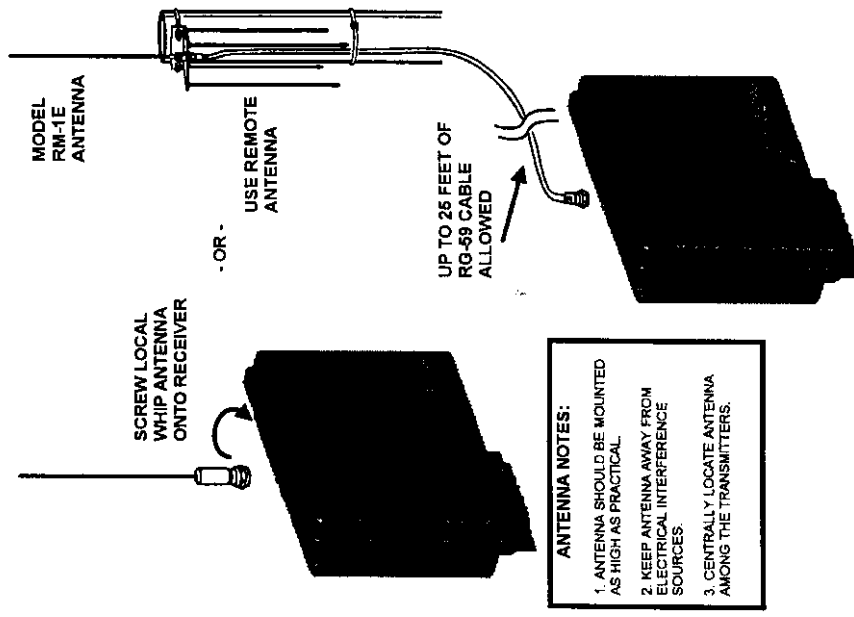


MOUNTING RECEIVER



USING THE GUIDES ON THE BACK OF THE UNIT, SLIDE IT ONTO THE MOUNTING PLATE ALL THE WAY UNTIL A CONNECTION IS MADE.

ANTENNA INSTALLATION



INSTALLING THE RM-1

1. Choose a mounting location, preferably outdoors and as high above earth level as possible. For indoors place the RM-1 close to the controller as possible.
2. Holding down the mounting bracket to the wall or other mounting surface mark with a pencil, the location for screws at the top of the narrow slot(s). If the RM-1 is being mounted on a narrow post or exposed wall stud, use the keyholes in the middle of the sliding plate.
Remove the sliding plate and drive the screws to the wall where you made the marks. Hang the sliding plate on the screws by the upper slots. Tighten or loosen the screws for a snug fit.

CABLE CONNECTION TO CONTROLLER

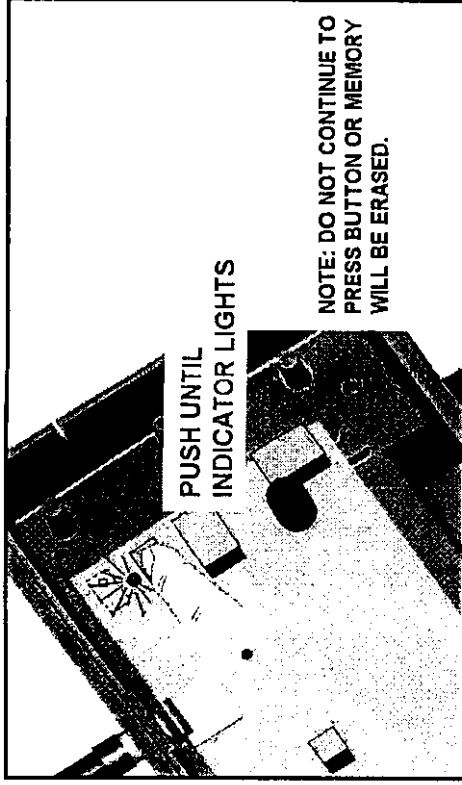
1. Remove the controller's lower face panel by gently prying out the panel at the slots on the left and right sides.
2. Connect the single row connector side of the cable to the controller's right angle connector, located at the lower left corner, near the battery drawer.
3. Install the face panel back on the unit.

BUTTON AND INDICATOR FUNCTIONS

FUNCTION	PROGRAM BUTTONS	PROGRAM INDICATOR
NORMAL OPERATION		
PROGRAMMING MEMORY	PRESS AND RELEASE FOR CHANNEL 1 OR 2	LIGHTS FOR 3 SECONDS FOR PROGRAMMING
CHECK MEMORY	PRESS FOR CHANNEL 1 OR 2 UNTIL BLINK AND RELEASE	BLINKS THE NUMBER OF TRANSMITTERS IN CHANNEL MEMORY
ERASING MEMORY	FOR CHANNEL 1 OR 2, PRESS AND HOLD THROUGH THE COUNT THEN HOLD FOR 5 SECONDS MORE	AFTER BLINKING COUNT, A PAUSE THEN A SINGLE BLINK AS MEMORY IS ERASED (DOUBLE BLINK ON CHANNEL 2)

CHECKING MEMORY

1. Press program button for the desire channel and hold for about two seconds until indicator lights then release.
2. Count the number of indicator blinks, this is the total number of transmitters programmed into that channel.



PROGRAMMING MEMORY

1. Press and release program button for the desire channel.
2. Program indicator will light for 3 seconds.
3. Within 3 seconds, send signal from transmitter, program indicator will flicker as signal is received.
4. Repeat the above three steps for each additional transmitter.
NOTE: THE RECEIVER CAN MEMORIZE A TRANSMITTER MORE THAN ONCE. TO PREVENT DUPLICATE ENTRIES, PROGRAM EACH TRANSMITTER INTO RECEIVER ONLY ONCE.

SYSTEM TESTING

1. Activate each transmitter one at a time.
2. Listen for relay click in the receiver.
3. Verify that the device connected to the receiver responds and that the channel activates.
4. Test Portable transmitter in various locations to determine system performance.

ERASING MEMORY

1. Press the program button for the channel to erase and continue to hold it through the count of the transmitter.
2. Continue to hold the button after the count until the indicator blinks once for channel one.
3. All transmitters programmed into that channel will be erased.

