MDR-U
Universal MegaCode™ Receiver
For Garage Door Operator Remote Controls

Installation Instructions

PRODUCT DESCRIPTION

The Model MDR-U Universal MegaCode™ Receiver is designed for use as a replacement radio control receiver in garage door operator installations. The receiver is self-contained, not requiring an external transformer or power from the garage door operator. The receiver plugs directly into a 120 VAC outlet. A retaining screw is provided to secure the receiver to the outlet. Two screw terminals on the receiver are for connection to the garage operator’s pushbutton input. A dry contact, Form ‘A’, relay in the receiver will provide a 5-seconds closure across the terminals when the receiver activates. A flexible wire antenna extends from the receiver’s case to provide maximum radio reception. MegaCode™ receivers and transmitters do not contain a typical ‘coding switch’. Each transmitter is pre-set at the factory to a unique code. The receiver is programmed by sending a signal from the transmitter, storing the transmitter’s code into the receiver’s memory. The receiver will retain its memory, even without power. The receiver will activate only from these ‘memorized’ transmitters. Each MDR-U receiver can be programmed to activate from up to ten MegaCode™ transmitters. The learn button and learn indicator are used for entering and erasing the transmitters in the receiver’s memory. The learn indicator also displays signals being received and can be used for troubleshooting.

COMPONENT LOCATIONS

AC POWER TERMINALS
LEARN & SIGNAL INDICATOR
LEARN BUTTON
RECEIVING ANTENNA
RELAY OUTPUT TERMINAL
PLUG ON THE CEILING WILL GIVE THE BEST RADIO RECEPTION
PLUG CLOSE TO GROUND LEVEL WILL CAUSE POOR RADIO RECEPTION
RELAY OUTPUT TERMINAL 1 AMP @ 120 VAC MAXIMUM
NOTE: IT IS RECOMMENDED TO DISABLE THE OPERATOR’S RECEIVER TO PREVENT THE OLD REMOTES FROM ACTIVATING IT

CONNECT THE RECEIVER TO THE OPERATOR

CONNECT THE CONNECTOR WIRE TO THE RECEIVER RELAY OUTPUT TERMINALS
REMOVE THE OUTLET’S COVER PLATE SCREEN AND PLUG THE RECEIVER INTO THE 110 VAC OUTLET
NOTE: BE SURE THAT THE OUTLET IS NOT CONTROLLED BY A WALL SWITCH

INSTALL THE RECEIVER

ADJUST TRANSMITTERS
1. PRESS AND RELEASE THE LEARN BUTTON
2. THE LEARN INDICATOR WILL LIGHT IF THE RECEIVER IS MEMORY UP TO 10 TRANSMITTERS WILL FIT
3. ACTIVATE THE TRANSMITTER WHILE THE LEARN INDICATOR STAYS LIGHT (WITHIN 15 SECONDS)
4. INDICATOR FLASHS TO INDICATE STORING ADDITIONAL TRANSMITTERS

PROGRAM AND TEST THE RECEIVER

ADJUST RECEIVERS
1. PRESS AND HOLD DOWN THE LEARN BUTTON
2. THE LEARN INDICATOR WILL FLICK COUNTING THE NUMBER OF TRANSMITTERS IN MEMORY
3. CONTINUE HOLDING DOWN THE LEARN BUTTON UNTIL THE LEAN INDICATOR STOPS FLASHING SHOWING THE MEMORY IS FULL
4. RELEASE THE LEARN BUTTON, THE UNIT ENTERS LEARN MODE FOR 15 SECONDS

TEST RECEIVERS
ACTIVATE EACH TRANSMITTER AND VERIFY THAT THE RECEIVER AND DOOR OPERATOR ACTIVATES

Determine the best receiver location

A PLUG CLOSE TO GROUND LEVEL WILL GIVE THE BEST RADIO RECEPTION (UNLESS THE OPERATORS RECEIVER CAUSES SOME INTERFERENCE)
A PLUG ABOVE THE RECEPTACLE WILL PROVIDE LOW RADIO RECEPTION

Check for interference from other receivers

NOTE: IF THE LEARN INDICATOR IS FLASHING WITHOUT ACTIVATING ANY TRANSMITTERS, INTERFERENCE May BE COMING FROM A NEARBY OPERATORS RECEIVER

Linear Limited Warranty

This Linear product is warranted against defects in material and workmanship for twelve (12) months. The Warranty Expiration Date is labeled on the product. Consumers should inquire from their selling dealer as to the nature of the dealer’s warranty, if any. There are no obligations or liabilities on the part of Linear Corporation for consequential damages arising out of or in connection with the use or performance of this product, including, but not limited to, personal injuries or property damage, loss of revenue, profit, or cost of removal, instalation, or replacement. All implied warranties, including those of merchantability and fitness for a particular purpose, are limited in duration to the above warranty period. This Linear Corporation Warranty is in lieu of all other warranties express or implied. This warranty extends only to whole customers who buy direct from Linear or through Linear’s normal distribution channels. Linear does not warrant this product to consumers. Consumers should consult their selling dealer as to the nature of the dealer’s warranty, if any. In the event of a product defect, send the product, freight prepaid, to Linear’s Service Department. Linear will repair or replace the product, at its option, without charge. It is recommended that you return your sales receipt, if available, with your warranty claim. No warranty claim will be considered without a receipt.

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