



MegaCode Universal Receiver Model MDR/U

- Makes any garage door operator compatible with MegaCode transmitters.
- Simple plug-in design.
- Easy to install — one connection using two-conductor wire.
- Learn mode with 10-transmitter capacity.
- Normally open contact activates for 0.5 seconds.

The MDR/U is a versatile (universal) receiver that makes it very easy to equip nearly any garage door operator for use with Linear's popular MegaCode format transmitters. MegaCode uses a frequency of 318 MHz and features over one million radio codes to all but eliminate any possibility of code duplication. It offers simplified programming via the receiver's learn mode.

Previously, when installers wanted to add MegaCode capability to a garage door operator that did not come already outfitted with a MegaCode receiver, they had to use Linear's MDR receiver in combination with a power transformer. The MDR/U replaces the MDR and plugs directly into any electrical outlet. All that is required is running a single two-conductor wire from the MDR/U to the operator's push-button input.

The MDR/U has one normally open contact output. It can be used to send a remote control signal from up to 10 MegaCode transmitters. A learn mode dramatically simplifies programming to just a button press.



General Specifications

OUTPUTS

Relay: one normally open relay rated at 1 amp @ 32 VAC or VDC

Radio LED: provides visual indication of RF activity and learn mode functions

INPUTS

RF: integral 318 MHz super regenerative receiver @ -95 dBm sensitivity (nominal); receives MegaCode transmitters

Learn Button: press for 1-2 seconds to initiate learn mode; press for 2-5 seconds to show number of transmitters in memory; press and hold 5 seconds or longer to erase all transmitters from memory

Screw Terminals: 2 position screw terminals accept 20 - 24 AWG wire

POWER

110 VAC +/- 10%, 60 Hz

OPERATING TEMPERATURE

-4°F to +140°F (-20°C to +60°C)

DIMENSIONS

2.52 in W x 2.50 in H x 1.61 in D (64 x 63.5 x 40.9 mm)
excluding mounting screw terminal and screw

STANDARD EQUIPMENT

MDR/U; supports 10 MegaCode transmitters

REGULATORY

FCC Part 15

UL 244A — Solid-State Controls for Appliances

The logo for Linear Corporation, featuring the word "Linear" in a bold, blue, sans-serif font with a registered trademark symbol (®) to the upper right of the letter 'r'.

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