

Keystone Heddolf Model ER294-KB

Universal Receiver

Installation Instructions

The Keystone Heddolf Model ER294-KB universal receiver was designed to have several selectable options not found on other radio controls. By properly selecting these options with the convenient slide switches and wiring harness, the Model ER294-KB eliminates the requirement to stock several receivers.

Selectable options

1. Wires:

Red-Positive Power input

Black-Negative power input

Orange-Normal Close of relay output

Yellow-Normal Open of relay output

White-Common of relay output

Green-Antenna

2. Selector

Voltage selector-12 or 24V

Output selector-Pulsed or continuous

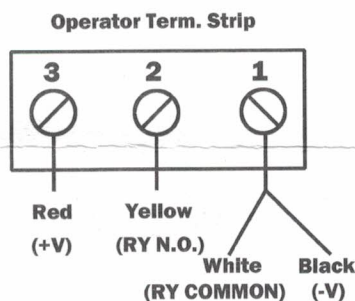
Pulsed duration trimmer-0.8 to 2 sec.

The Pulsed duration trimmer is located on back of receiver and it only works when the receiver works on pulsed operation.

Model ER294-KB Mounting & Connecting Instructions

For Most Garage Door Operators

1. Disconnect the power to the operator.
2. Remove access cover of receiver to gain access to the coding switch and the programming switches.
3. Place the voltage selector slide switch in either the 12V or 24V position depending upon the control voltage of the operator.
4. Place the output selector slide switch in either the CONT or PULSED position depending upon the operator being used. In most cases either position will work properly.
5. Set the 10 pole, 2 position coding switch under the access cover to match the transmitter coding switch. Any switch position will work as long as the transmitter coding switch and the receiver coding switch are exactly matched.
6. Mount receiver near the operator so that the wires from the receiver will reach the terminal strip on the operator.
7. Connect the black wire (-V) and the white wire (COMMON) to terminal #1 of the operator.
8. Connect the Red wire to terminal #3 of the operator.
9. If the operator requires a normally open contact to activate the operator, connect the yellow wire (NO) to terminal #2 of the operator. Cut off the orange wire.
10. If the operator requires a normally closed contact to activate the operator, connect the orange wire (NC) and cut off the yellow wire.
11. Reconnect the power to the operator and test the system.



- This Keystone Heddolf ER294-KB radio receiver has an isolated form "C" relay.

If the distance isn't adequate, reposition the antenna for optimum results.

- For newer Commercial Operators please consult manufacturer

WARNING!

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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