

KF340-3 RF Transmitter

Introduction. Model KF340-3 is a hand held, battery operated, Radio Frequency (RF) transmitter which operates in conjunction with RF receiver modules. The remote has momentary switches that upon activation provide relay contact closures on a receiver/control module. This enables the system to control individual circuits/functions.

Each KF340-3 remote is addressable so that the system can be operated in close proximity to other systems without interference or cross talk.

Channels:	1
Frequency:	340 MHz
Operating Temperature Range:	-20 Degrees C to 120 Degrees C
Power Source:	12-Volt DC Battery

Specifications subject to change without notice.

YOU DO NOT NEED AN FCC LICENSE TO OPERATE THIS DEVICE. HOWEVER, ANY CHANGES OR MODIFICATIONS TO THIS DEVICE WILL VOID THE USERS AUTHORITY TO OPERATE THE EQUIPMENT.

OPERATION OF THIS DEVICE IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

CAUTION

Batteries. All batteries can cause bodily injury such as burns and/or equipment damage if conductive material such as jewelry, keys or beaded chains touches the exposed terminals. These objects may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects.

Care and Safety. To clean the remote, wipe with a soft cloth dampened with water. Do not use cleaners or solvents on the remote, they can harm the body and leak inside, causing permanent damage. Battery contacts may be wiped with a dry, lint-free cloth.

If the remote gets wet, remove the battery immediately; dry battery compartment with a soft cloth to minimize potential damage. Leave housing cover off until the remote is completely dry. Do not use the remote until it is completely dry.

Installation. Perform the following steps to install the battery and set the unique address of the remote.

Battery Installation. Using a Phillips-tip screwdriver, remove the one screw from the remote. Carefully pry apart the front and back housing. Locate the battery compartment at the bottom of the remote. Install the battery with the negative side towards the spring. Put the front and back housings together and install the screw.

Code Learning Instructions. Perform the followings steps to program the remote for the particular receiver/control module.

1. Verify that the DC input power is connected to the receiver.
2. Depress and hold the “LEARN” pushbutton switch on the receiver. Verify that the “LEARN” LED illuminates, then release the switch.
3. Depress and hold any pushbutton switch on the remote. Verify that the LEARN LED flashes ON and OFF, and then stays ON, then release the switch on the remote. This verifies that the receiver has identified the remote being used.
4. After 5-seconds the LEARN LED will extinguish.
5. The system is ready for operation; depress any switch on the remote to verify the operation.

Operation. The range of the remote will vary depending upon ambient conditions but a typical range of 20-feet around the receiver can be expected. The remote should be held in an upright vertical position with the keypad towards the user. For the best possible reception the user should be facing towards the receiver. There are three switch positions that are activated by pressing the individual switch positions. As each switch position is pressed the corresponding relay on the receiver will transfer its contacts. Releasing the switch position will interrupt the transmission and return the relay of the receiver to the normal state. During operation, if the reception is intermittent the remote should be repositioned by moving it to the left or right, up or down, or by the user changing locations until the optimum reception is achieved.