

GENERAL INFORMATION

This remote control is designed to separately control your ceiling fan speed and light brightness. There is one button to control the fan speed and another button to control the light brightness and turn the light off. The screen on the transmitter will light up to indicate fan speed depending on how many times the fan icon is pressed. The screen also has an icon for the light which is pressed to turn the light(s) on or off and to control brightness.

INSTALLATION AND OPERATING INSTRUCTIONS

I. SAFETY PRECAUTIONS

- A. **⚠ WARNING: HIGH VOLTAGE!** Household electrical power can cause serious injury or death. Disconnect source of electrical power to the ceiling fan by removing fuse or switching off circuit breaker. Make sure all electrical connections comply with local codes, ordinances, the National Electrical Code, and ANSVNFP 70-1999. If you are unfamiliar with electrical wiring, please use a qualified and licensed electrician.
- B. **⚠ WARNING:** To reduce the risk of fire, electrical shock, or personal injury, wire connectors provided with the remote control receiver are designed to accept only one 12 gauge house wire and no more than two lead wires from the receiver. If your house wire is larger than 12 gauge or there is more than one house wire to connect to the two receiver wires, consult an electrician for the proper size wire connectors to use.
- C. **⚠ CAUTION:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THE FAN WITH ANY SOLID STATE SPEED CONTROL DEVICE OR CONTROL FAN SPEED WITH A FULL RANGE DIMMER SWITCH.
- D. Do **not** use this remote control with solid state ceiling fans. Electrical source and fan must be 115/120 volts, 60 Hz. Maximum fan motor amps: 1.25; Maximum light watts: 300 incandescent only.



CAUTION: FOR MOUNTING RECEIVER, CEILING ANGLE SHALL NOT EXCEED 19 DEGREES
RECEIVER MODEL: CFR-3D

Fig. 1

II. INSTALLATION OF RECEIVER (Please refer to Figure 1 before continuing.)

- A. Manually set fan speed control to HIGH via pull chain and set light to ON via pull chain. **IMPORTANT:** Fan speed and light control will not be activated by remote if pull chains for fan and light are not set to the HIGH and ON positions, respectively.
- B. Disconnect source of electrical power to the ceiling fan by removing fuse or switching off circuit breaker.
- C. Lower ceiling fan canopy from the mounting bracket.
- D. Disconnect existing wiring between ceiling fan and supply at electrical outlet box.
- E. Lay the black antenna wire on top of the receiver and slide the receiver (flat side up) into the mounting bracket (Figure 1).
- F. Using the wire connectors supplied, make wiring connections as follows (Figure 2):

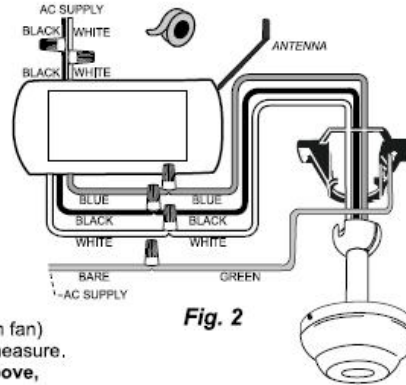


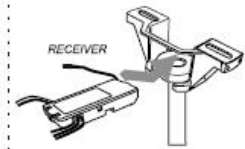
Fig. 2

CONNECT:	TO:
GREEN fan wire.....	BARE supply wire
BLACK receiver wire (AC IN L).....	BLACK supply wire
WHITE receiver wire (AC IN N).....	WHITE supply wire
WHITE receiver wire (TO MOTOR N).....	WHITE fan wire
BLACK receiver wire (TO MOTOR L).....	BLACK fan wire
BLUE receiver wire (FOR LIGHT).....	BLUE light wire (from fan)

Wrap each wire connector separately with electrical tape as an extra safety measure.

If other fan or supply wires are different colors than those mentioned above, have this unit installed by a qualified electrician.

- G. Push all connected wires up into outlet box. Make sure antenna rests *outside* of mounting bracket.
- H. Re-install the canopy on the mounting bracket.



CAUTION: DO NOT USE FAN SPEED CONTROL IN CANOPIES WHERE THE MOUNTING IS NOT AS SHOWN IN FIGURE 3 OF THE INSTALLATION INSTRUCTIONS

Fig. 3

III. AUTOMATED LEARNING PROCESS/ACTIVATING CODE

⚠ CAUTION: The transmitter can be programmed to multiple receivers or fans. If this is **not** desired, turn wall switch off to any other programmable receiver or fan.

- A. Remove plastic that is wrapped around the batteries and then remove *both* battery covers (one from either end) from back side of transmitter.
 - B. Install one 1.5-volt (AAA) battery in *each* battery compartment.
 - C. Restore electrical power. Within 30 seconds of restoring electrical power, press the "LEARN" button in the lower battery compartment for 5 seconds or until fan switches to MEDIUM speed. Test the light and fan functions to confirm the learning process is complete. (Figure 4)
 - D. Locate dimmer switch to the left of the "LEARN" button in the lower battery compartment. (Figure 4) Set dimmer switch to the "ON" (D) position only if using incandescent bulbs. Set dimmer switch to "OFF" (O) position if using LED or compact fluorescent bulbs.
- NOTE:** Most LED and compact fluorescent bulbs are not compatible for use with dimmer controls.
- E. Replace battery covers on transmitter. (Figure 4)

IV. TRANSMITTER—CARE AND OPERATION

- A. Store the transmitter away from excess heat or humidity.
- B. To prevent damage to transmitter, remove the batteries if not used for long periods of time.
- C. Operation buttons on the front panel of the transmitter:

- to control **FAN** speed
- to control **LIGHT** brightness and to turn light OFF

Each time the icon is pressed, the screen will light up as the fan cycles through each **FAN SPEED** to indicate the speed as follows:

3 lights ON		HI
2 lights ON		MED
1 light ON		LOW
Middle light ON		FAN OFF

The **LIGHT FUNCTION** is controlled by pressing the icon. Hold the icon down to increase or decrease light. Tap icon quickly to turn light off or on. If you press the icon in excess of 0.7 seconds it becomes a dimmer. The light varies cyclically in 0.8 seconds. The light icon has autoresume, so the light will stay at the same brightness as the last time it was turned off.

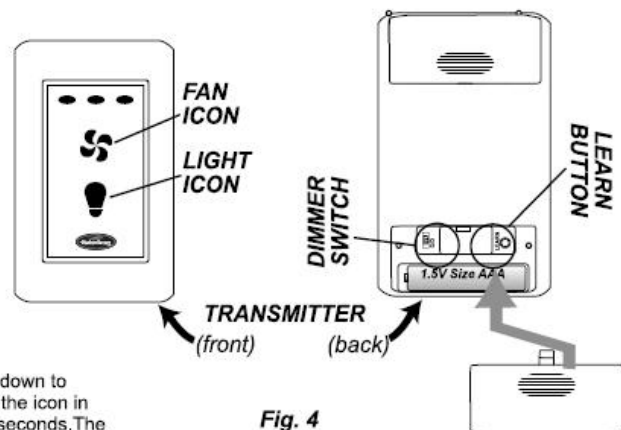


Fig. 4

IMPORTANT: Make sure that fan has been turned off at wall switch and then allow blades to come to a **complete stop** before *manually* activating the reverse switch on the fan.

V. TROUBLESHOOTING GUIDE

- A. Remote control fails to operate:
 1. Make sure there is power to the receiver.
 2. Make sure the receiver is wired correctly.
 3. Make sure that the fan is set on the highest speed via pull chain.
 4. Make sure the light kit is turned on via pull chain.
 5. Make sure the battery in the transmitter is good.
 6. The learning process between fan and transmitter may not have been successful. Turn power off, remove lower battery cover and repeat Step C in Part III (Automated Learning Process) above. *Replace battery cover when done.*
- B. Transmitter won't operate at distance:

If transmitter operates fan and light kit when up close but not at 40 feet away, try placing the black antenna wire higher and make sure the black antenna wire is visible.

CAUTION:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THE FAN WITH ANY SOLID STATE SPEED CONTROL DEVICE OR CONTROL FAN SPEED WITH A FULL RANGE DIMMER SWITCH.

**FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT**

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 and receiver.
- Connect 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.

CAUTION:

To assure continued FCC compliance:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC ID : KUJCE9909

This device complies with Part 15 of the FCC Rules. Operation 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 undesired operation.