

GENERAL INFORMATION

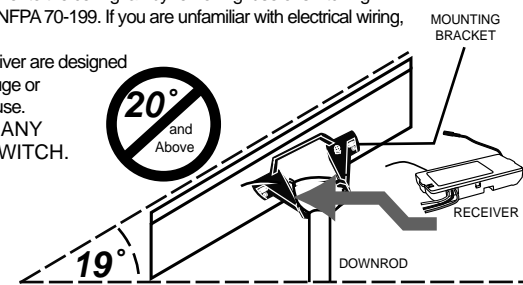
MODEL: RCBI-103L

This remote control is designed to separately control your ceiling fan speed and light brightness. There are four buttons to control the fan speed. The light dimmer button controls the light.

INSTALLATION AND OPERATING INSTRUCTIONS

I. SAFETY PRECAUTIONS

- A. **⚠ DANGER: 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 ANSI/NFPA 70-199. 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 into the mounting bracket (Figure 1).
- F. Using the wire connectors supplied, make wiring connections as follows: (Figure 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, 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.

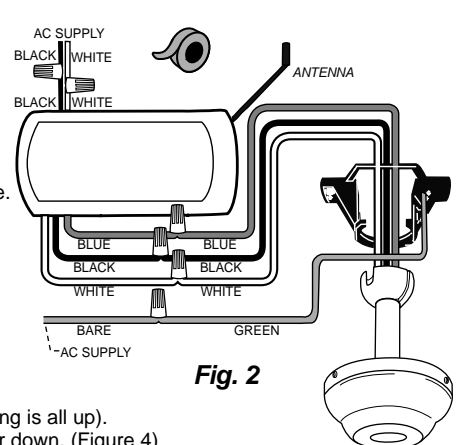
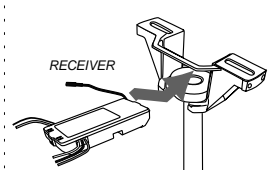


Fig. 2



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 / SETTING CODE

- A. Remove battery cover.
- B. Setting the code on the transmitter
Slide code switches 1 through 4 to your choice of up or down position. (Factory setting is all up). Do not use this position. Use a small screwdriver or ballpoint pen to slide firmly up or down. (Figure 4)
- C. Setting the dimmer switch
Locate the dimmer switch to the right of the code switches labeled with a "D" and an "X". Set dimmer switch to ON (D) position only if using incandescent bulbs. Set dimmer switch to OFF (X) position if using compact fluorescent bulbs. **NOTE:** Compact fluorescent bulbs are **NOT** compatible for use with dimmer controls.
- D. Install the 12-volt battery (included).
- E. Restore electrical power. Within 30 seconds of restoring electrical power, press the "O" button located on the transmitter for 3 seconds or until fan switches to MEDIUM speed. Test the light and fan functions to confirm the learning process is complete. (Figure 4)
CAUTION: The transmitter can be programmed to multiple receivers or fans. If this is **not** desired, turn power off to any other programmable receiver or fan.
- F. Replace battery cover on transmitter. (Figure 4)

IV. TRANSMITTER--CARE AND OPERATION

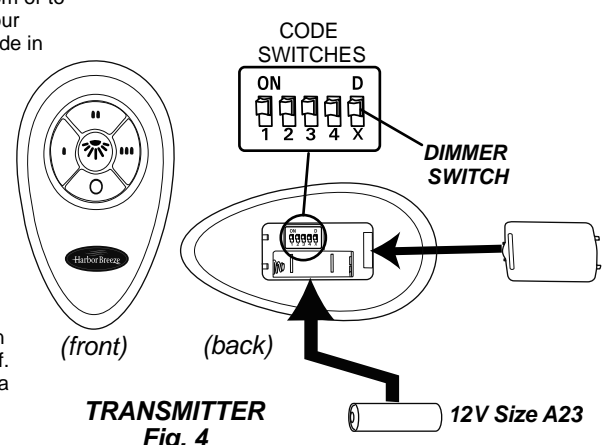
- A. This remote control unit is equipped with 16 code combinations to prevent possible interference from or to other remote units such as garage door openers, car alarms or security systems. If you find that your fan and light kit go on and off without using your remote control, simply change the combination code in your wall control. If you do change the combination code turn power off and repeat Steps E and F in Section III (Automated Learning Process) above.
- B. Store the transmitter away from excess heat or humidity.
- C. To prevent damage to transmitter, remove the battery if not used for long periods.
- D. Operation buttons on the panel of the transmitter:
 - button for fan high speed
 - button for fan medium speed
 - button for fan low speed
 - button for fan speed off
 - ☼ button for light brightness and off

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

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. Fails to operate:
 1. Power to the receiver?
 2. Receiver wired correctly?
 3. Manual speed control on fan in highest position?
 4. Light kit switch turned on?
 5. Good battery in the transmitter?
 6. Learning process between fan and transmitter may not have been successful. Turn power off, remove battery cover and repeat Steps E and F in Section III (Automated Learning Code) above.
- B. 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.



TRANSMITTER Fig. 4

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.

LITEX INDUSTRIES, LTD.
GRAND PRAIRIE, TX 75050
FOR CUSTOMER SERVICE CALL: 1-800-527-1292