

## GENERAL INFORMATION

MODEL: RCE-103LW

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 70-1999. 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. Electrical source and fan must be 115/120 volts, 60 Hz.  
Maximum fan motor amps: 1.25; Maximum light watts: 300 incandescent only.

### 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 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. Match up wire colors from outlet box with wires on receiver and then insert wires from outlet box into the corresponding quick connect clips.

**IMPORTANT:** Wire colors must match before making connections. Use wire connectors supplied when making connections between receiver and fan.

Make wiring connections as follows: (Figure 2)

#### CONNECT:

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

Pull on each wire to make sure they have been inserted correctly in the quick connect clips. Wrap each quick connect clip and 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.

### 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 battery cover.
- B. Install the 12-volt battery (included). **\*Important:** If there is plastic on the battery, remove plastic from battery before installing the battery.
- C. Restore electrical power. Within 30 seconds of restoring electrical power, press the "LEARN" button located in the battery compartment 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)
- D. Locate dimmer switch behind the "LEARN" button in the 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 compact fluorescent bulbs. **NOTE:** Most compact fluorescent bulbs are not compatible for use with dimmer controls.
- E. Replace battery cover 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 battery if not used for long periods.
- C. Operation buttons on the panel of the transmitter:

- III button for fan high speed
- II button for fan medium speed
- I button for fan low speed
- O 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 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.

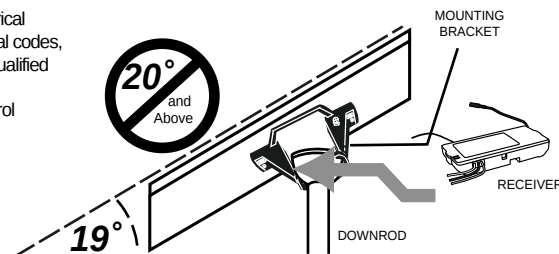
### V. TROUBLESHOOTING GUIDE

- A. Fails to operate:

1. Make sure there is power to the receiver.
2. Make sure receiver is wired correctly.
3. Make sure that the fan is set on the highest speed via pull chain.
4. Make sure light kit switch is turned on.
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 battery cover and repeat Step C in Part III (Automated Learning Code) above.

- 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:** FOR MOUNTING RECEIVER, CEILING ANGLE SHALL NOT EXCEED 19 DEGREES  
RECEIVER MODEL: MR76T

Fig. 1

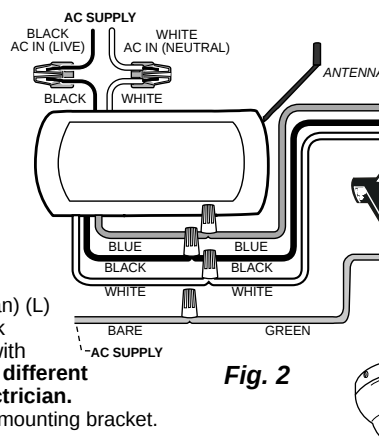
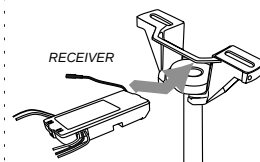
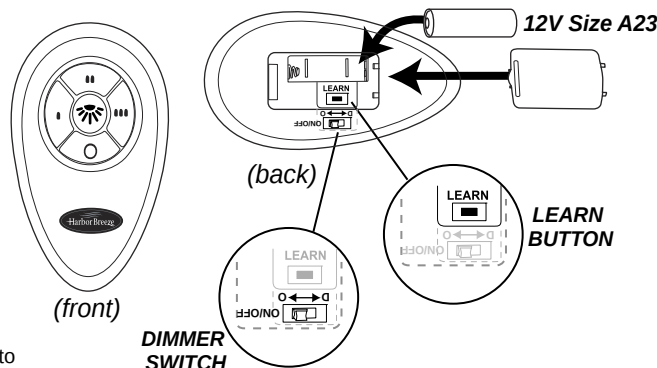


Fig. 2



**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



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.