

# Remote controller

## GENERAL INFORMATION

This remote controller is designed to separately control your ceiling fan speed and light brightness. There are four buttons (SP+, SP-, REV, OFF) to control the speed of the fan and off. The light dimmer button will control the light brightness dimmer and off. The blue indicator on the transmitter will light when one of the six buttons is pressed.

### INSTRUCTION OF INSTALLATION AND OPERATION

#### 1. SETTING THE CODES

This unit has code combinations. To set the codes, perform the following steps:

##### A. Setting the codes on the receiver:

The Learn Key must be pressed within 30 seconds, after pressing the Power button.

If not, please press the Power button to restart.

Keep pressing the button learn key in excess of 3 seconds; it becomes an ON/OFF+LIGHT status.

The receiver can remember the last codes status. The light flashes two times.

#### 2. INSTALLING RECEIVER IN CEILING FAN

##### A. Safety precautions:

**WARNING: HIGH VOLTAGE!** Disconnect power by removing fuse or switching off circuit breaker.

Do not use with solid state fans.

Electrical wire must meet all local and national electrical code requirements.

Supply for fan must be 110/120 volt, 60Hz. Maximum fan motor amps: 1.0, Maximum light watts: 60 incandescent or ballast.

Otherwise power can cause serious injury or death.

##### B. Installing receiver in fan:

a. Remove power from the circuit.

b. Remove ceiling fan canopy from the mounting bracket.

c. Disconnect existing wiring between ceiling fan and supply in electrical junction box.

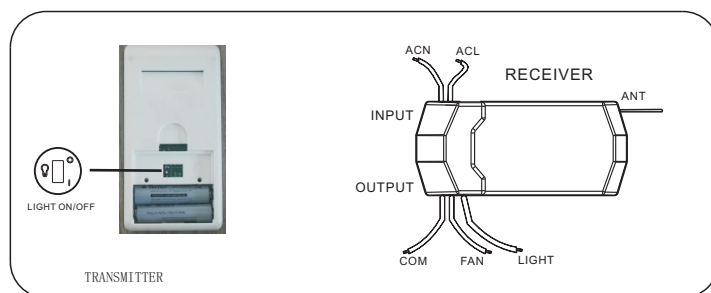
d. Make connections as follows, using the wire nuts supplied: If other fans or supply wires are different color, have this unit installed by qualified licensed electrician.

e. Push all connected wires up into junction box.

f. Lay the brown antenna wire on top of the receiver, and put the receiver into the mounting bracket.

g. Reinstall the canopy on the mounting bracket.

h. Restore power.



**CAUTION: Ceiling Angle Shall Not Exceed 30 Degrees, For Mounting Controller, Model AC8**

##### CONNECT TO

Green fan wire ... Bare supply wire

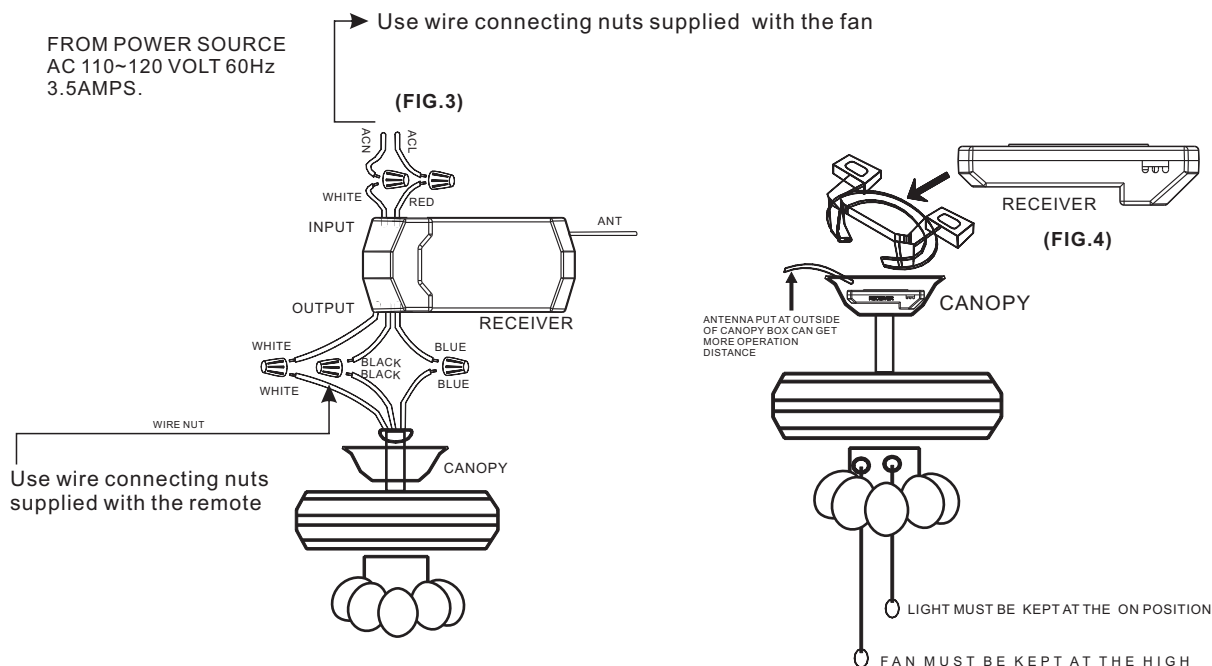
Red or Black receiver wire (AC IN L) ... Black supply wire

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



### 3. OPERATING TRANSMITTER:

- A. Install 3 volt battery(not included). (To prevent damage to transmitter, remove the battery if not used for a long time).
  - B. Store the transmitter away from excessive heat or humidity.
  - C. Operating the buttons on the panel of the transmitter.
    - SP+ key -for fan speed +.
    - SP- key-for fan speed -.
    - FWD/REV key-for fan REV.
    - ON/OFF key-for fan on/off.
    - LIGHT key-for light brightness and off.
- ★ The light function is controlled by pressing the LIGHT key down to increase or decrease light.  
Tap  key quickly to turn light off or on.  
Keep pressing the button in excess of 0.7 second and it becomes a dimmer, the light varies cyclically in 0.8 second.
- ★ The receiver can remember the last status of the light brightness when the light was switched, so that it can resume to adjust the light brightness.

#### FCC Statement:

1. 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.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital, 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 the 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.

### YOUR REMOTE NOW HAS FULL CONTROL OF THE FAN AND LIGHT.

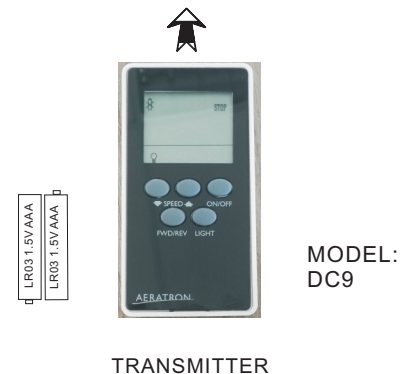
#### Optional Wall Mounting for Transmitter Holder"

Place in accessible area of your home, and screw the transmitter holder into wall using the two screws provided, slide hand unit into holder.

### 4. TROUBLE SHOOTING GUIDE

1. Fails to operate
  - a. Power to receiver ?
  - b. Receiver wired correctly ?
  - c. Fan manual speed control in highest position ?
  - d. Light kit switch turned on ?
  - e. Good battery in the transmitter ?
  - f. Code set at exact same positions in both transmitter and receiver ?
2. Won' t operate at distance
  - If transmitter operates fan/light kit when up close, but not at 20 feet away.
  - Try placing the brown antenna wire higher, up through ceiling/outside the junction box.

OPERATION DISTANCE 20 FEET



#### NOTICE !

Your ceiling fan and light kit assembly must meet the following requirements:

1. Do not use with solid state fans.
2. Electrical rating: 120v 60Hz
  - MAX. Motor amps: 1.0
  - MAX. Light watts: 60-(incandescent or ballast)

#### WARNING

TO REDUCE THE RISK OF SHOCK, THIS FAN MUST BE INSTALLED WITH A WALL CONTROL/SWITCH.  
NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER' S AUTHORITY TO OPERATE THE EQUIPMENT.