Thermostatic Ceiling Fan Remote Control

IMPORTANT SAFETY PRECAUTIONS

WARNING: To avoid electrical shock, be sure that electricity has been turned off at the circuit breaker or fuse box before wiring.

ALL wiring must be in accordance with the National Electrical Code and local electrical codes. A qualified electrician should perform electrical installation.

DO NOT use water or detergents to clean the remote transmitting unit. A dry dust cloth will be suitable for most cleaning.

DO NOT install or use remote control if any part is damaged or missing.

ONLY the remote control unit should change the fan speeds. **Do not use the pull chain** to change fan speeds after installation, as damage could result to your remote control or ceiling fan.

DO NOT use the reverse switch when the ceiling fan is operating. This could result in damage to your wall control or ceiling fan.

WARNING: To avoid electrical shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done by a qualified electrician.

40 **SAVE THESE INSTRUCTIONS**

INSTALLATION AND WIRING

WARNING: To avoid electrical shock, be sure that electricity has been turned off at the circuit breaker or fuse box before wiring.

IMPORTANT: Follow these steps to insure proper installation and operation

1. Install your ceiling fan by the wiring diagram provided with the fan without the receiver in place.

2. Turn on electrical power at the circuit breaker or fuse box.

3. Turn wall switch "ON".

4. Set your ceiling fan to HIGH speed with its pull chain control. Do not adjust the ceiling fan pull chain after this step.

5. Turn on light kit (if present).

FIG. 1

6. Turn wall switch "OFF".

Turn off electrical power at the circuit breaker or fuse box.

Connecting the Receiver

1. Disconnect the wires from the ceiling to the fan.

2. Install the receiver to the ceiling fan according to your mounting type (Figure 1). Be sure the antenna is positioned so it is exposed when canopy is attached. Do not modify or damage the antenna wire as control performance may be reduced.

3. Use the two larger wire nuts supplied to connect the receiver and house wiring; then use the three small wire nuts supplied to connect the receiver and ceiling fan wiring. See Wiring Diagram in Figure 2.

   RED "AC in L" to HOT (Black) wire in ceiling.

   RED "AC in N" to NEUTRAL (White) from ceiling.

   WHITE(TO MOTOR N) to WHITE wire from fan.

   BLUE(FOR LIGHT) to BLUE wire from fan.

   BLACK(TO MOTOR L) to BLACK wire from fan.

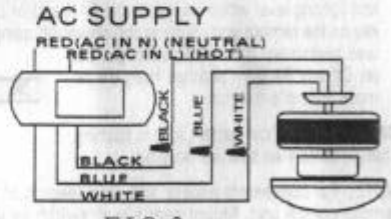


FIG 2

4. Complete ceiling fan installation and assembly according to its provided instructions.

TRANSMITTER PREPARATION

Setting Automatic Frequency Code

1. Install four AAA batteries in the hand transmitter unit. Check to see that the LCD panel's SET TEMP and ROOM TEMP are displayed.

NOTE: DO NOT have any other functions or settings activated.

2. Turn on electrical power at the circuit breaker or fuse box.

3. Turn wall switch "ON".

4. When the receiver first detects power, it will sound a two second long beep tone followed immediately by short chirp tones.

5. WHILE the chirp tones are sounding, point your hand remote toward the ceiling fan and press the FAN key and/or LIGHT key on the hand transmitter (remote control) to automatically lock the frequency code of the transmitter to the receiver.

NOTE: Press the LIGHT key and/or FAN key on the hand transmitter to automatically lock the frequency code to the receiver.

NOTE: The chirp tones will not end until FAN or LIGHT key is pressed.

6. When the receiver has set its new code, it will respond with a series of confirming chirp tones and the ceiling fan will begin to operate.

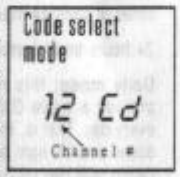
7. Your fan remote and receiver are now set to the same frequency for operation.

NOTE: If you do not get beeps or confirming chirp tones, refer to TROUBLESHOOTING section.

Resetting Frequency Code.

Change the security code:

If the ceiling fan remote controller is interference by another remote applied or interference to another remote applied you may change the security code. To change the security code by pressing THERMO and DELAY off key at the same time. By using UP/DOWN key to change the code you want. After security is changed, please ref to code changing segment to set the new code in receiver side.



Installing Mutiple Ceiling Fans on The Same Circuit.

Using One Transmitter To Control Mutiple Fans.

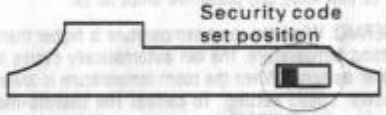
1. Follow the procedure as previously described in the INSTALLATION AND WIRING section for each fan.
2. Follow the procedure as previously described in TRANSMITTER PREPARATION using one transmitter set to control multiple fans.

Using Mutiple Transmitters to Control Separately Mutiple Fans

1. For the first ceiling fan, follow the procedure as previously described in the INSTALLATION AND WIRING section.
2. Follow the procedure as previously described in TRANSMITTER PREPARATION using the transmitter provided with the ceiling fan.
3. For the second ceiling fan, follow the procedure as previously described in the INSTALLATION AND WIRING section.

(Receiver side code setting)

4. Locate the FREQUENCY CODE SET SWITCH on the receiver

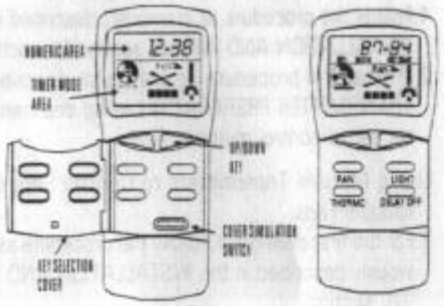


5. Slide the switch to the opposite side.
6. Turn on electrical power
7. Turn the wall switch "ON".
8. The same chirp and series of beeps will follow as described in Setting the Automatic Frequency Code section.
9. While the chirp tones are sounding, press FAN and/or LIGHT key to lock frequency code.
10. Proceed using same procedure to install and set each additional ceiling fan.

IMPORTANT: For multiple fans controlled by multiple transmitters, be sure to set frequency on one ceiling fan at a time.

Trnasmitter

All the keys will a multiple functions. This transmitter with



a Key select cover, when the cover is closed. Fan, Light, THERMO & DELAY OFF can be selected. When open the cover, T.MODE, TIME, SET, C/F will be selected. If the cover is broken, you can use the cover simulation slide switch to replace cover function.

Temperature Setting: Use the up and down TEMP button to set the temper-ature to affect the fan speed in only the fan auto(THERMO.) mode.

Fan Key: This key changes the fan manually to fixed speeds. Press once for HI (high), press twice for MD (medium), press three times for LO (low), press four times for LL (low-low), and press five times for off.

THERMO: When the room temperature is higher than he setting temperature, the fan automatically cycles to a higher setting. When the room temperature is lower to a lower speed setting. **To cancel the thermo-mode by pressing THERMO key again or FAN key.**

Automatic Fan Speeds

If the room temperature is 3°F higher than the remote set temperature, the fan automatically adjusts to HI speed.

If the room temperature is 1°F to 3°F higher than the remote set temperature, the fan automatically adjusts to MD speed.

If the room temperature is 1°F higher to 1°F lower than the remote set temperature, the fan automatically adjusts to LO speed.

If the room temperature is 1°F lower than the remote set temperature, the fan automatically adjusts to LL speed.

NOTE: In the Fan Auto setting, the speeds are automatically controlled. You cannot manually control the speeds until you disable the Fan Auto.

LIGHT OPERATION

Light Key: This key allows you to dim the lighting output through six brightness levels incicator, with a 31 light brightness level. Press and holding the key will take the light through its entire cycle. A quick press of the key and the light will turn off.

DELAY OFF: to set the fan in delay off mode. Active this function will make the fan and light to automatically turn off after 3 minutes. The LCD will show the last time to turn off. Cancel the delay off mode by pressing the LIGHT key. Press the DELAY OFF key again will resume the countdown timer.

At the cover is close press the UP/DOWN key can only change the setting temperature.

When opening the key cover there are other functions on it.

C/F to change the temperature unit.

How to change the time: press the TIME key, the LCD will shown the current time and hour or minute will be flashing. As then press the UP/DOWN key to change the setting time. Press the TIME key again will flip setting from hour to minute or hour. Finished it by press SET key.

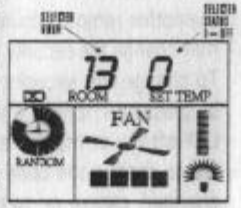
Timer mode:

There three timer mode will build in the this unit. There are Timer, Daily, random.

Timer mode: this mode is for a long time countdown timer. It permits maximum to

24 hours timer setting.

Daily mode: this mode provide a cycle ON/OFF every day. That is, the fan speed and the light power rating will run on by the LCD display setting.



Random: this function is similar to the daily mode but light power rating is regardless to LCD setting. It can is running a random processing. In other word, when in the active interval the light power rating will change automatically by randomly.

Timer mode key setting: when the time numeric display area is still to press the T.MODE key can select on of timer mode that you want.

To change the setting period of timers value:

First pressing the TIME key to let the time numeric area flashing and then press the T.mode key. Select one of each mode by pressing the T.MODE key.

Random and Daily: press UP/DOWN to select which hour segment, in the mean while, the selected hour will flashing, press SET key to change the On/OFF state. (the real hour and on/off will be showed on numeric display area, right digit is for 1=on, 0=off, left digits for setted hour segment.) By hours and hours setting, end the setting processing by press time key.

Timer set =7 hour after it system will shut down

TIMER: the same as random and daily functions, 1.opening the cover, let the display go to time mode. 2. Press TIME key to let time numeric digits flashing. 3. Press T.MODE key to go to timer mode. After it, the numeric digit will show the setting last hour, press UP/DOWN to set timer's hour. To end it by press SET key.

PRESET FUNCTION

If you use the wall switch to turn off the fan, the fan speed and lighting level that you previously set will remain in the remote control's memory. The next time electricity is turned on, fan operation will resume at the same speed and lighting level when you press the FAN and/or LIGHT key on the remote unit. Turning the power off using the wall switch will clear Auto settings, Delay Off and Random settings from the remote control's memory.

CAUTION: If the low battery icon is flashing, change battery as soon as possible.

NOTE: For convenient access and safe keeping of your remote control unit. Mount near a wall switch by using the bracket provided.