

This information guide will help you with converting the electronics on the Comfort-Touch to Inteli-Touch technology. Within this guide you will find step by step instruction on how to convert the fan, installation and operation of the W-32 Inteli-Touch wall control.



*Comfort-Touch
(W-21 Wall Control)
And
(PC Board)*



*Inteli-Touch
(W-32 Wall Control)
And
(PC Board)*

The information within this guide will be helpful when converting any Comfort-Touch fan to Inteli-Touch. The PC Board replacement and conversion instructions are the same for any Comfort-Touch to Inteli-Touch electronics replacement.

INFORMATION ONLY
READ AND SAVE THESE INSTRUCTIONS
SAFETY FIRST

CAUTION: To avoid possible electrical shock, make certain that the electricity is turned off at the circuit breaker or fuse box before attempting any de-installing or reinstalling procedure.

BEFORE YOU START

- All wiring must be in accordance with the National Electric Code ANSI/NFPA 70-1993 and the appropriate local electrical codes. The National Electric Code requires proper grounding as a precaution against electrical shock. A qualified electrician should be consulted if you are unsure.
- This fan is designed to be installed on an existing electrical outlet box. The outlet box must be UL Listed for ceiling fan installations, if it is not, a new box must be installed. Casablanca extension poles are available for sloped or high ceiling installations.
- This ceiling fan requires a grounded electrical supply of 120 VAC, 60 Hz and a minimum 15 amp circuit. The maximum current requirement for the fan with light fixture is 3.8 amps. The fan uses about 1 amp or 100 watts. Maximum light current is 2.8 amps or 340 watts of lighting.
- Where wire nuts are employed, be sure all bare wires are within the connectors. When installing the canopy hatch, make sure all wires are within the canopy and that no wires are being pinched.

For best performance and for your warranty to be valid,
 use only genuine Casablanca blades, light fixtures, and accessories.

FAN PREPARATION

Note: For more information on how to remove your fan from the ceiling, go to www.casablancafانrepair.com and look for (Do- It Yourself Repair), then Fan Removal or Fan Installation..

PARTS NEEDED FOR CONVERSION



**Inteli-Touch
PC Board**
Part # 9901120
or
Part # 9901160
(Short Shroud)



**Inteli-Touch
W32 Complete
Wall Control**



Tie Wraps



**Inteli-Touch
Wiring Harness**
Part # 7801430



**Inteli-Touch
Conversion and Operating
Instructions**

INTELI•TOUCH © PC BOARD REMOVAL

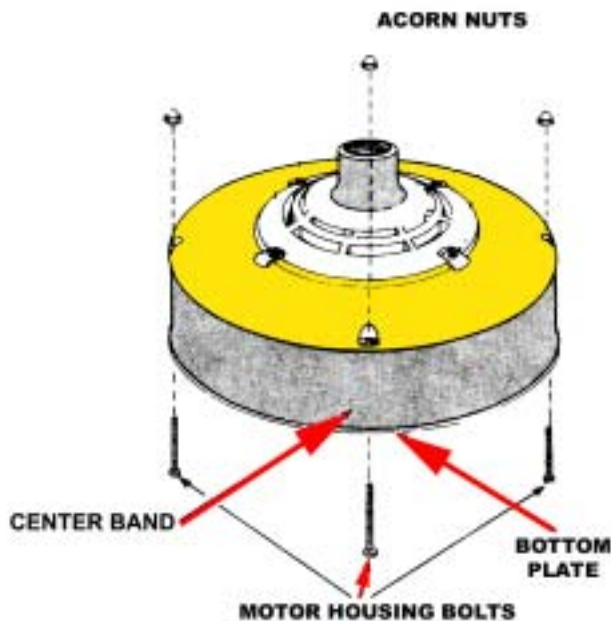


Step1.

Note: For more information on how to remove your fan from the ceiling, go to www.casablancafانrepair.com and look for (Do- It Yourself Repair), then Fan Removal.

Step2.

Locate the four (4) Acorn Nuts as shown and remove the Acorn Nuts and four (4) lock washer from the fan as shown.



Step 3.

With your ceiling fan removed from the ceiling and all the covers removed as shown, it is time to get started.



Step 4.

Locate the BFR Plug and Motor Plug on the PC Board as shown.

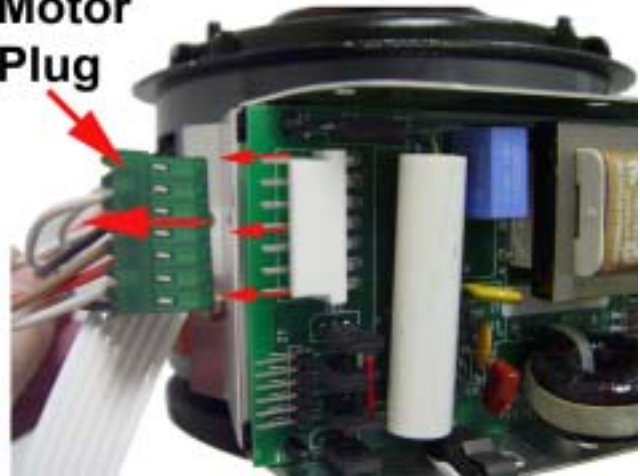


Step 5.

Locate the BFR Plug on the motor and unplug it as shown.



**Unplug
Motor
Plug**



Step 6.

Locate the MOTOR CONNECTOR PLUG as shown and unplug it from the PC Board.

Step 7.

Locate the ANTENNA and ANTENNA PLUG as shown, then unplug it from the PC Board and remove the ANTENNA from the motor.

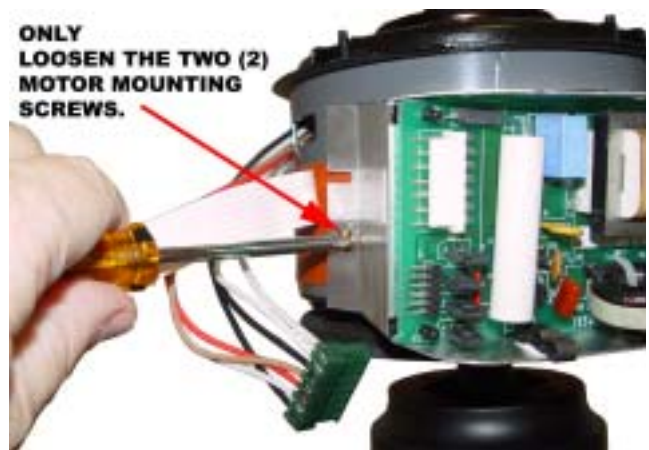
UNPLUG AND REMOVE ANTENNA



Step 8.

Locate the two (2) screws, one (1) on each side of the PC Board as shown. Loosen enough so that the tabs on the shroud of the PC Board can be removed from under the screws and then remove the PC Board.

Note: Do Not remove the screws from the motor.



Step 9.

With the PC Board removed from the motor as shown, you are ready to start the conversion to Intelli-Touch.



INTELI•TOUCH © PC BOARD INSTALLATION

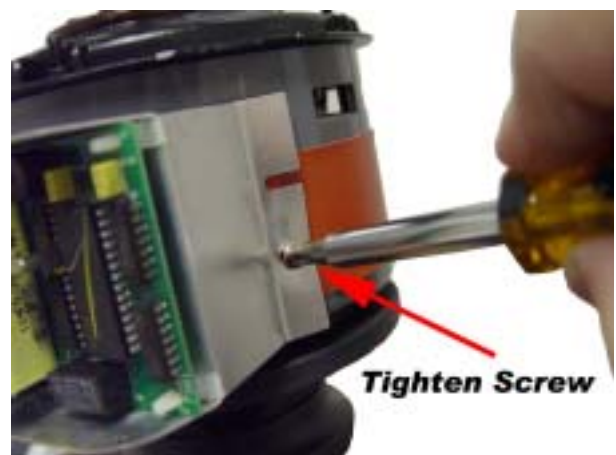
Step 1.

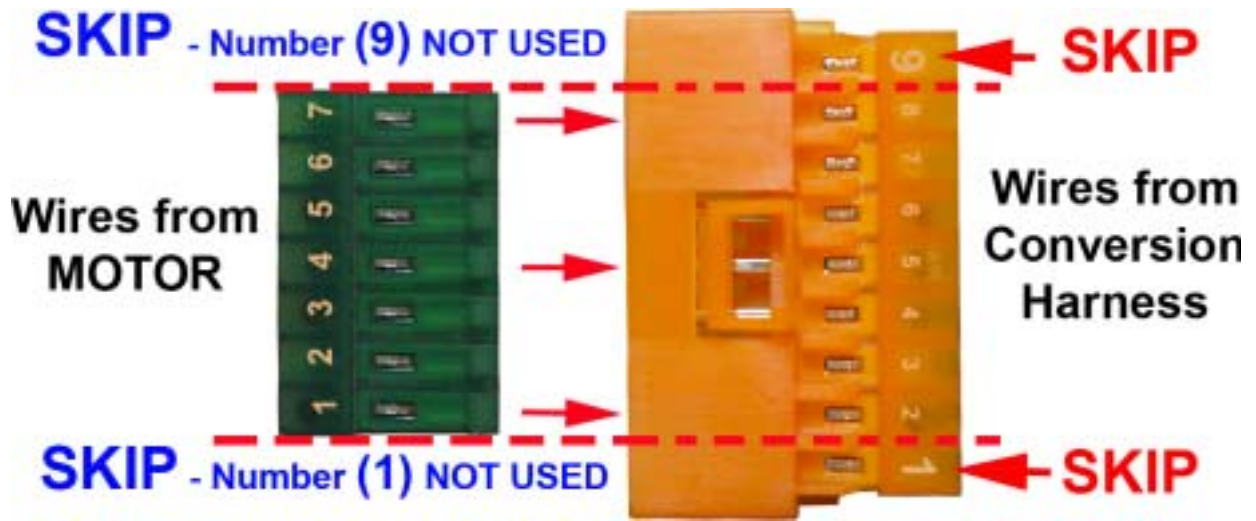
Using the Intelli-Touch PC Board and reinstall it to the motor as shown.



Step 2.

Locate and tighten the two (2) screws holding the PC Board to the motor as shown.





Advan-Touch
Wiring Harness

Step 3.

With both the MOTOR PLUG and the INTELI-TOUCH WIRING HARNESS in your hands, locate the numbers on each of the plugs as shown above. When plugging in the two (2) plugs together you will need to skip pins number 1 and 9 as shown.

Step 4.

After understanding which pins to skip, plug the Wiring Harness on to the Motor Plug as shown.



Step 5.

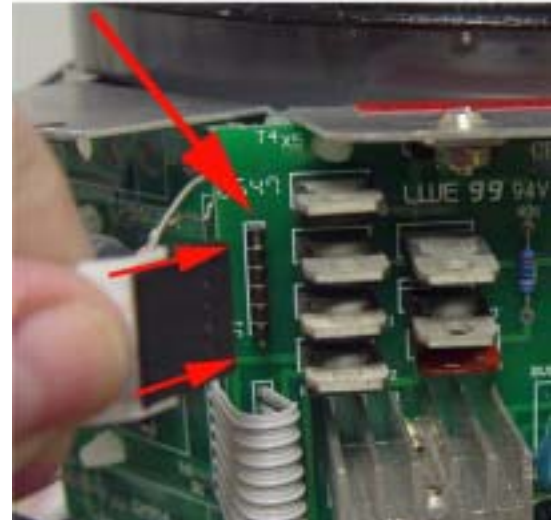
Locate the MOTOR PLUG end of the conversion harness and then plug it on to the PC Board as shown.



Step 6.

Locate the BFR Ribbon Cable and plug it on to the PC board as shown. Make sure that you do not skip any pins, all pins must be covered by the plug.

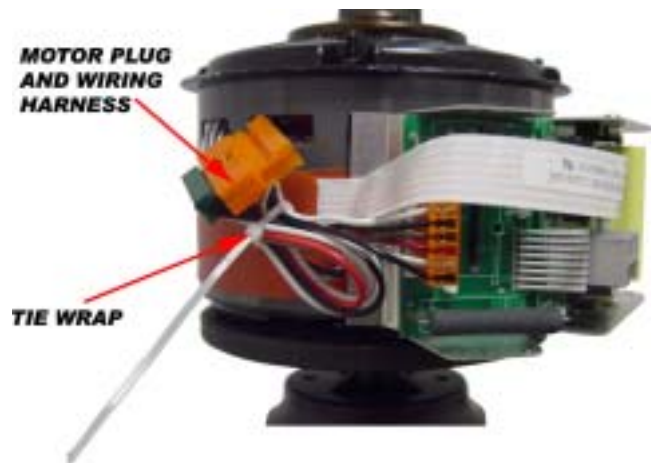
Plug in the BFR



TIE WRAPS

Step 7.

Using a TIE WRAP as shown and tie up the wires on the wiring harness as shown. This will keep the wires from rubbing on the flywheel when the fan motor is running.



Step 8.

With a pair of wire cutters, cut the end of the TIE WRAP and remove it from the fan as shown.



INTELI•TOUCH © FAN REASSEMBLE AND REINSTALLING

Step 9.

After checking your work it is time to reassemble your fan, once your fan has been installed back on to the ceiling you will need to change out your wall control as shown below in Step 10 and 11.

NOTE: After reinstalling your fan back on the ceiling **DO NOT** turn on the power or try to operate your fan until your wall control has been replaced with a standard **TOGGLE SWITCH** as shown in **STEP #10 BELOW**.

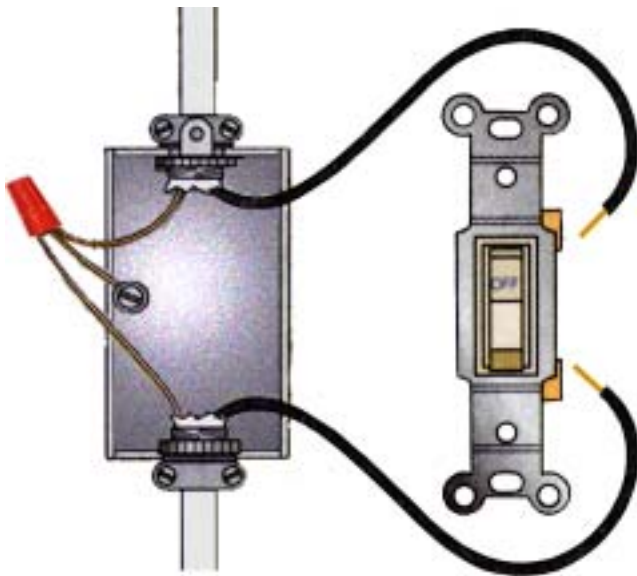
Note: For more information on how to remove your fan from the ceiling, go to www.casablancafانrepair.com and look for (Do-It-Yourself Repair), then Fan Installation Instructions.

CAUTION:

To avoid possible electrical shock, make certain that electricity is turned off at the circuit breaker or fuse bos before attempting any installation or removal procedure.

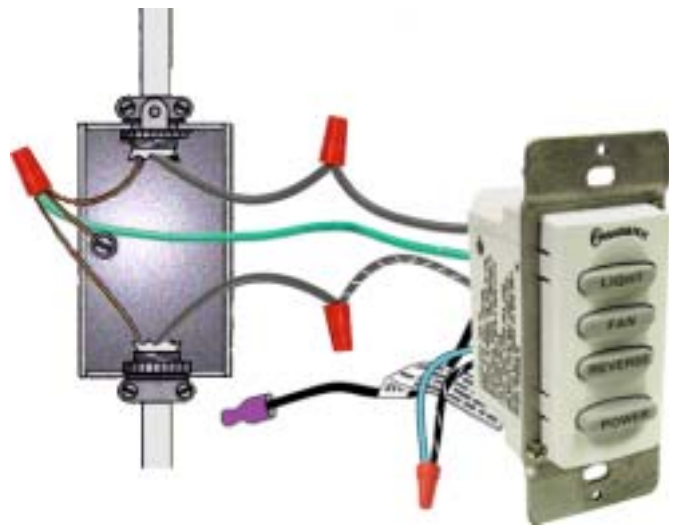


INTELI•TOUCH © W32 WALL CONTROL INSTALLATION



Step 10.

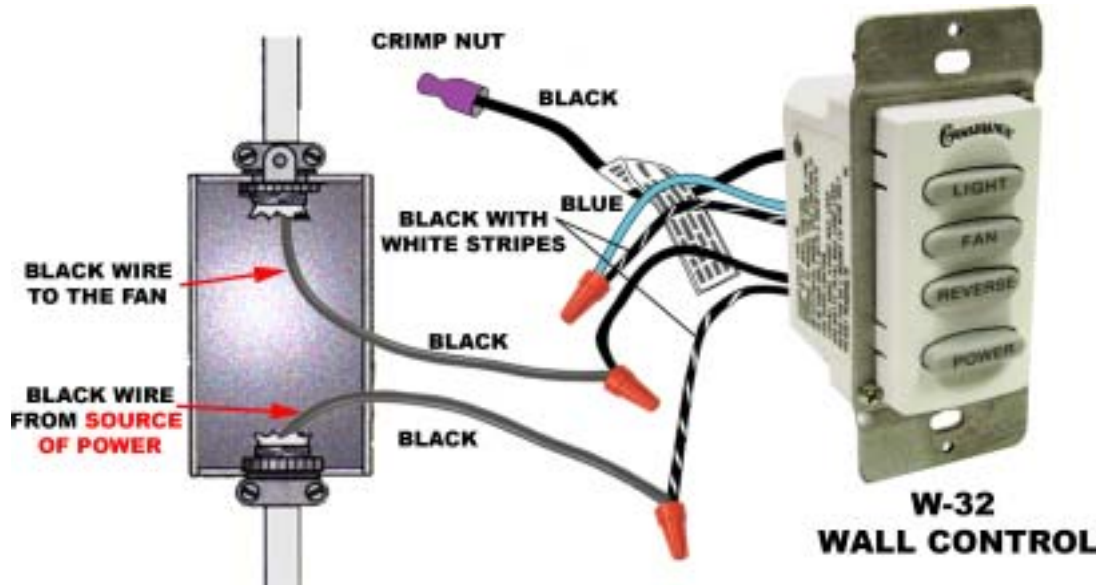
Replace standard **TOGGLE SWITCH** with the **W-32 Wall Control** as shown in **STEP 11**.



Step 11.

With the **POWER** turned **OFF** at the circuit breaker or fuse box, remove the **TOGGLE SWITCH** from the wall. It will need to be replaced with the **W-32 wall control** as shown.

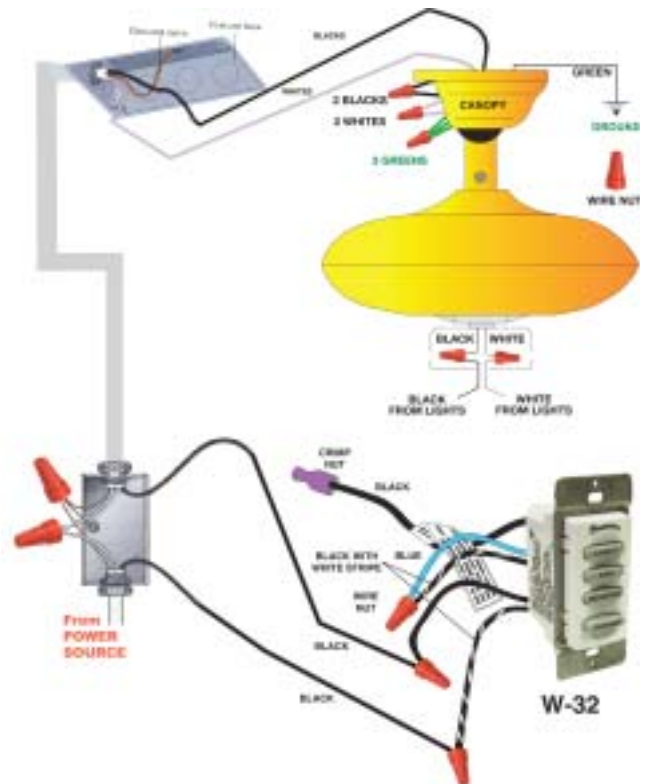
INTELI•TOUCH © SINGLE W-32 INSTALLATION



CAUTION! Ensure power is turned OFF at the breaker or fuse panel before starting installation.

1. Remove the screws and switch plate from the existing switch box.
2. Remove the screws holding the switch in the switch box.
3. Pull the existing switch from the switch box to expose the wire connections.
4. Remove the two wires from the switch.
5. Connect the two wires just removed from the switch to the W-32 wall control black wire and black/white stripe wire. Secure these connections with wire nuts.
6. Install the W-32 in the wall box with the two long screws provided.
7. Install the wall plate with the two color matched screws.

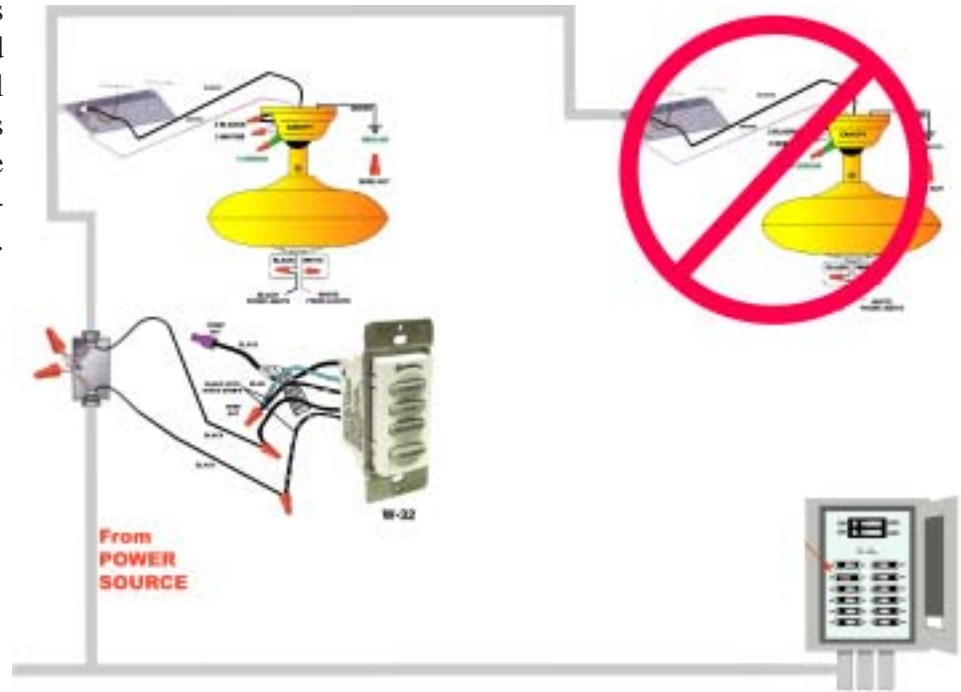
NOTE: If wall control operation is reversed (fan switch controls lights and light switch controls fan) turn off the power at the breaker or fuse panel, then swap the two W-32 black/white stripe wires.



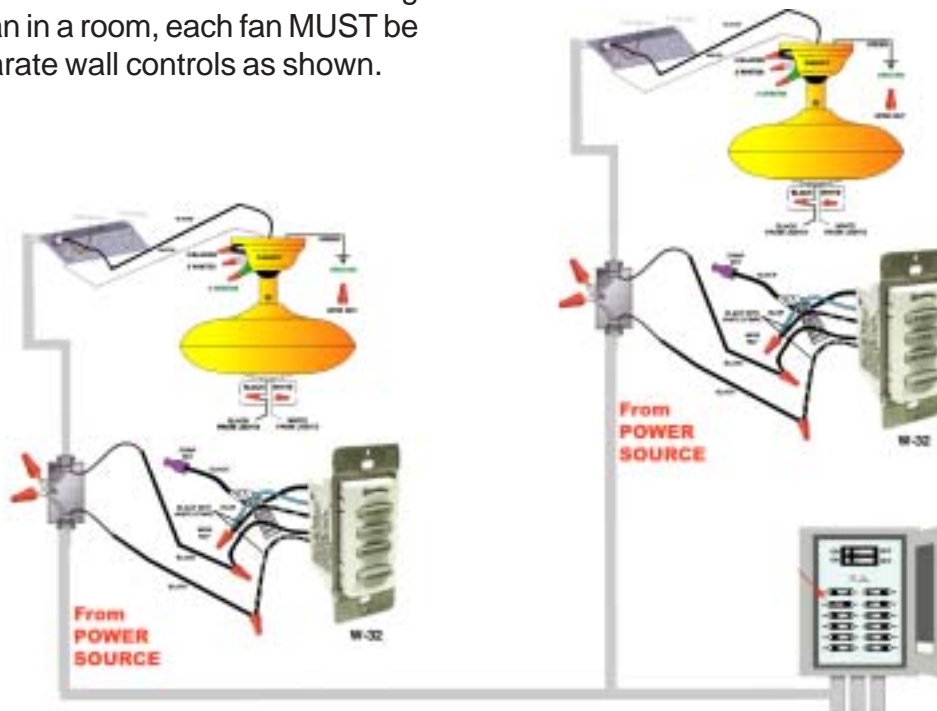
Note: For more information on how to wire your wall control, go to www.casablancafانrepair.com and look for "Do-It- Yourself Repair ", then Wall Control Wiring.

W-32 WIRING DIAGRAM (2 way 1 switch)

WARNING! Do not use more than one fan per wall control. This will cause operation failure and cause damage to the wall control and fan. No other light fixtures or electrical appliance may be connected on the circuit controlled by the W-32 wall control.



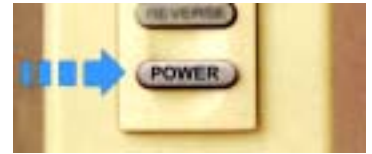
IMPORTANT INFORMATION: When installing more than one fan in a room, each fan **MUST** be attached to separate wall controls as shown.



INTELI•TOUCH OPERATION © POWER

The **POWER** button is normally left in the on position. Always turn the power off during cleaning or servicing the fan and during thunderstorms. It is also used to exit or enter additional programs.

POWER must be left on to retain a previously set fan speed or light level.



INTELI•TOUCH OPERATION © SPEED CONTROL

There are six individual speed settings for the fan; each speed is indicated by an audible tone of increasing pitch.

To select the desired fan speed:

1. With fan off, press and hold the button labeled **FAN**. The fan blades will start rotating at the slowest speed, and will increase in steps.
2. Release the button when the desired speed is reached.

The fan speed is now in memory and will automatically come on at the same speed each time the **FAN** button is used. To maintain this level of speed, turn the fan on by pressing **FAN** less than one second. To lower speed, turn fan off, then on by pressing and holding the **FAN** button until the desired speed is reached. When the fan is on, you may increase the speed by pressing and holding the **FAN** button until the desired speed is reached, then release it.

FAN CONTROL

ON - OFF:
A momentary press of the **FAN** button

CHANGE SPEED:
Press and hold **FAN** button longer than one second



INTELI•TOUCH OPERATION © REVERSING AIRFLOW

The direction of airflow can be changed from downward to upward or from upward to downward.

To reverse the airflow:

1. Make sure the **FAN** is on and blades are turning.
2. Press the **REVERSE** button.

Note: A four-toned signal indicates the command was accepted by the fan. A few seconds later the fan will slow to a stop and then reverse direction.



INTELI•TOUCH OPERATION © LIGHT

To turn the lights off and on, press and release the **LIGHT** button for less than one second.

To vary the light brightness:

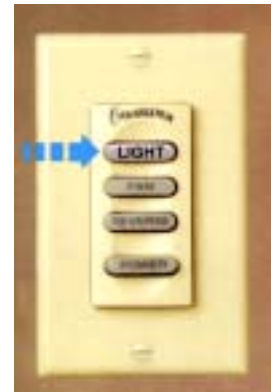
1. With lights off, press and hold the **LIGHT** button. After one second the lights come on at their lowest level and gradually become brighter.
2. Release the button when the desired brightness level is reached.

The brightness level is now in the fan memory and will automatically come on at the same brightness the next time the **LIGHT** button is used. To maintain this level of brightness, press the **LIGHT** button for less than one second. To lower the brightness, turn the lights off, then press and hold the **LIGHT** button until the desired brightness level is reached. When the light is on, you may increase the brightness level by pressing and holding the **LIGHT** button until the desired level is reached, then release it.

LIGHT CONTROL

ON - OFF:
A momentary press of the **LIGHT** button

CHANGE BRIGHTNESS:
PRESS AND HOLD **LIGHT** BUTTON LONGER THAN ONE SECOND



AUTOMATIC DEMONSTRATION PROGRAM

Programmed into every IntelI-Touch Series fan is an Automatic Demonstration Program. It can be used to fully demonstrate and test the operation of the fan.

To enter the demonstration program:

1. Turn **POWER** off for at least three seconds. This will clear the fan memory ready for programming.
2. Turn **POWER** on.
3. Immediately operate the buttons in the following sequence:

FAN + LIGHT + FAN + LIGHT + FAN

A multi-tone signal will verify the start of the test program which proceeds as follows:

- Lights slowly increase to full intensity.
- Fan accelerates to speed three with audio tones.
- Light dims to half intensity.
- Fan accelerates to full speed with audio tones.
- Fan reverses at full speed with audio tones.
- Fan operates at full speed.
- Fan turns off with audio tones (blades coast for a short time).
- Lights turn off.

The complete cycle lasts slightly over one minute. It will continue to repeat until the **POWER** is turned off for more than three seconds, cancelling the program.

IntelI-Touch Operation - **CONTINUED**

INTELI•TOUCH OPERATION © LIGHT-MINDER® PROGRAM

The Light-Minder program automatically turns OFF the fan mounted lights after two hours. To enter the Light-Minder Program:

1. Turn the **POWER** OFF for at least three seconds.
2. Turn the **POWER** ON.
3. Immediately operate the buttons in the following sequence:

FAN + **FAN** + **LIGHT** + **LIGHT**

4. A series of tones indicates this command has been accepted.

The fan and light will operate normally using the buttons to turn them on and off. But, if the lights are left on, they will automatically shut off after two hours. To cancel the Light-Minder Program, turn the **POWER** off for three seconds.



INTELI•TOUCH OPERATION © SAFE-EXIT® PROGRAM

The Safe-Exit Program gives you about thirty seconds of light when you turn the lights off, enabling you to exit your home before the lights go out. To enter the Safe-Exit Program:

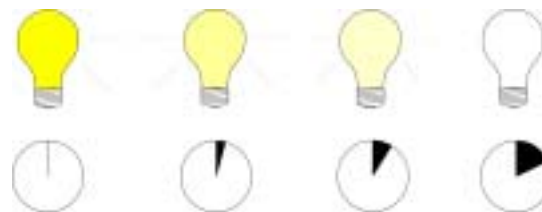
1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:

FAN + **FAN** + **LIGHT** + **LIGHT**

After you hear the confirming audio

tones from the fan - **immediately press** **LIGHT**

4. The lights will blink to indicate this command has been accepted. The lights will stay on for twenty seconds and then begin to dim. After a total of thirty seconds has elapsed, the lights will be off completely. To cancel the Safe-Exit Program, turn the **POWER** off for three seconds.



Note: Both Light-Minder and Safe-Exit programs can run at the same time, however the dimmer cannot be used, the light may only be turned ON/OFF.

INTELI•TOUCH OPERATION © HOME-SAFE® PROGRAM

The Home-Safe Program makes an unoccupied home appear occupied by turning the lights on and off at random times.

To enter the Home-Safe Program:

1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:

LIGHT + **FAN** + **LIGHT** + **FAN**

4. A tone and flashing light indicate this command has been accepted.

This program overrides all manual control of lights and fan. The lights will now be automatically cycled on and off in a controlled sequence as follows: On 1 hour, off 1/2 hour, on 2 hours, off 1 hour, on 1/2 hour then off 2 hours.

This seven hour pattern will repeat continuously so that a different pattern of lighting is seen each day of the week.

To cancel the Home-Safe Program, turn the **POWER** off for three seconds.



INTELI•TOUCH OPERATION © FAN-MINDER™ PROGRAM

The Fan-Minder feature will add to your comfort when used in the bedroom. The program reduces the speed of the fan each two-hour interval to compensate for cooling night air.

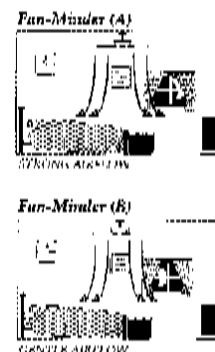
To enter the Fan-Minder Program:

1. Turn the **POWER** off for at least three seconds.
2. Turn the **POWER** on.
3. Immediately operate the buttons in the following sequence:

LIGHT + **LIGHT** + **FAN** + **FAN**

4. The fan will respond with three descending tones. A timer is now initiated and the fan will reduce one speed for each two-hour interval. The fan will not, however, descend below the second lowest speed.

To cancel the Fan-Minder Program, turn the **POWER** off for three seconds. You may increase the fan speed by pressing and holding the **FAN** button until the desired speed is reached, then release it. The fan will again reduce one speed for each 2 hour interval.



Inteli-Touch Operation - **END**