



# FACTORY SERVICE TECHNICAL LIBRARY W-500<sup>™</sup> ( Installation & Operation )



## W-500<sup>™</sup>

**W-500<sup>™</sup>** Control includes all of the standard features, in a new design that is compatible with a number of Casablanca fan Models . The W-500<sup>™</sup> hand-held remote provides three forward or reverse fan speeds, full spectrum light dimming and has an optional wall bracket. The W-500<sup>™</sup> may be used alone to control several fans or with extra controls to operate a single fan from different locations.



**W-500**  
(Transmitter)

## W-500<sup>™</sup> INSTALLATION



**W-500**  
**CONTROL**  
(TRANSMITTER)



**W-500**  
**CONTROL**  
**HOLDER**



**12V BATTERY**



**WOOD SCREW**  
**1" (2)**



**SCREW**  
**6-32 X 3/8" (2)**



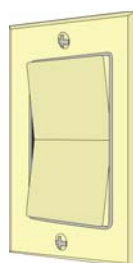
**DRYWALL**  
**ANCHOR**  
**6-32 (2)**



**SCREW**  
**6-32 X 1"(2)**

## W-500<sup>™</sup> CONTROL BRACKET INSTALLATION

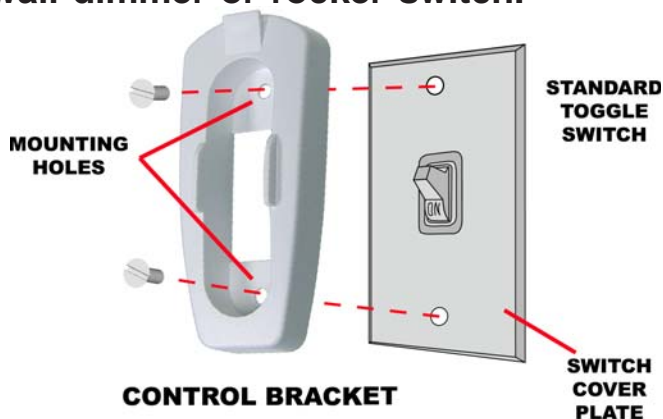
**CAUTION! Do not use with wall dimmer or rocker switch.**



**Rocker**  
**Switch**



**Standard Switch**



### **Standard Light Switch**

**Step A.** Remove the two screws holding the switch cover plate. Do not remove the cover plate.

**Step B.** Orient the control bracket as shown and line up the two inner mounting holes with those on the switch.

**Step C.** Install and tighten screws by **hand** only.

**NOTE:** - If a **ROCKER SWITCH** is being use to control the fan location, it must be changed to a **STANDARD SWITCH** as shown.

Wall Controls - **CONTINUED**



Wall Controls - **CONTINUED**

**W-500<sup>™</sup>**



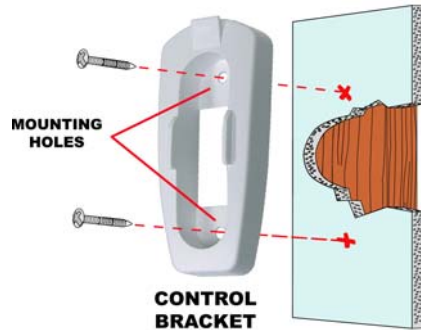
**W-500<sup>™</sup> CONTROL BRACKET INSTALLATION**

**Wall Installation**

Step A. Locate a 2x4 wall stud in a convenient location.

Step B. Orient the control bracket as shown over the 2x4 stud.

**Step C.** Use the 1" wood screws in either the inner or outer mounting holes. Install and tighten screws by **hand** only.



**Note:** The wall anchors and 6-32 x 1" screws may be used in situations where mounting to a stud is not possible. Use the inner mounting holes. After securing the anchor, discard the anchor's pointed screws and use the 6-32 decor ovalhead screws supplied.



**DRYWALL ANCHOR**



**DECOR OVALHEAD SCREWS**

Changes or modifications not expressly approved in writing by Casablanca Fan Co. may void the user's authority to operate this equipment.

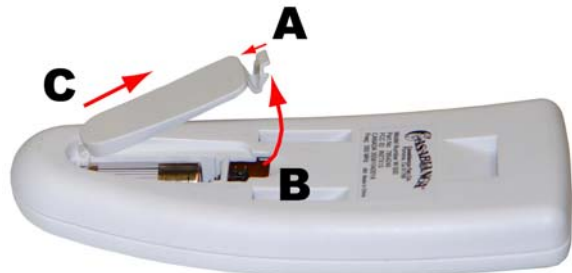
This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**W-500<sup>™</sup> BATTERY INSTALLATION**

Wall Controls - **CONTINUED**

**Remove Battery Door**

Turn control on its front. Twist a coin or use your finger to unsnap the door **A**. Lift door away from control **B** and remove **C**.



**Install Battery**

Press battery into control aligned as shown. Observe proper polarity. Replace the battery door.



**12V BATTERY**



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This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Wall Controls - **CONTINUED**



Wall Controls - **CONTINUED**

**W-500<sup>™</sup>**



**W-500<sup>™</sup> PLACING CONTROL ON TO THE HOLDER**

**Control Storage**

Angle control in top first until the unit can be gently pushed back and snapped into place.



**Removing Control**

Gently Pull the lower edge of the control out from the holder.

**W-500<sup>™</sup> OPERATION**

**Fan Control**

To start the fan. Press the selected speed button to run the fan at the desired speed.

•=Low speed ••=Medium speed •••=High speed

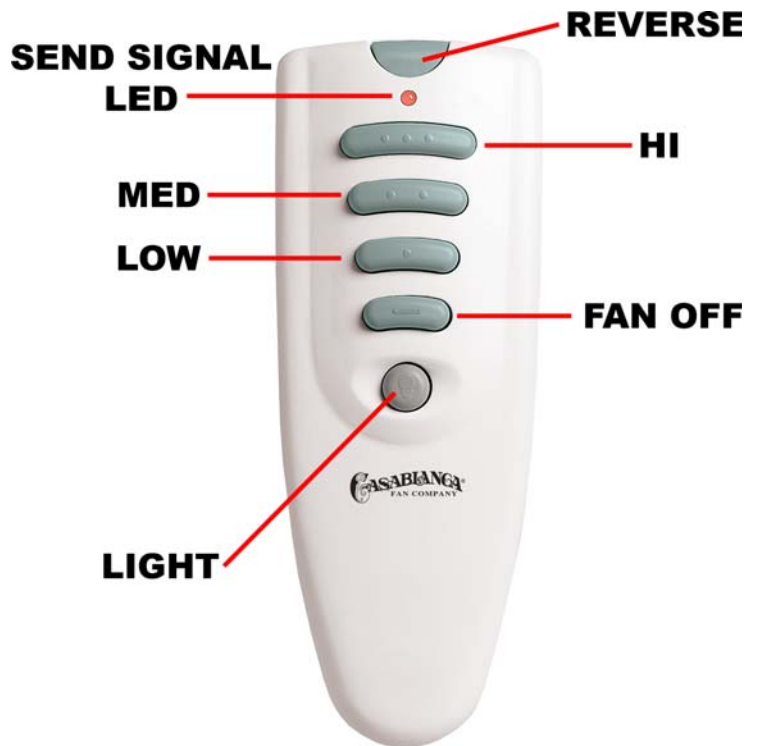
To turn off the fan. Press the FAN OFF button.

**Airflow Direction**

To reverse the airflow press the REVERSE button. Reverse operates at any speed whether fan is on or off. The fan returns to its set speed after reversing.

**Light Control**

Turn the light on or off independently from the fan by pressing the LIGHT button. Keep pressing the button in excess of 0.7 seconds, it becomes a dimmer. The light varies from 'bright' to 'dim' over approximately 8 seconds. This sequence will reverse the light when it reaches the brightest or dimmest level if you continue to hold the LIGHT button. Release the button when the desired level is reached.





Wall Controls - ***CONTINUED***

**W-500<sup>™</sup>**



### W-500<sup>™</sup> IF FAN DOES NOT WORK

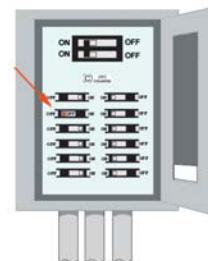
If the fan is not functioning after installation:

Step 1. Check to make sure that batteries are installed correctly in the control.

Step 2. Turn the power off to the fan (from the circuit breaker) for at least 5 seconds.

Step 3. Turn the power back on (at the circuit breaker) then press the light or fan button.

Step 4. The fan should now function properly.



**CIRCUIT BREAKER OR FUSE BOX**

**Note: If the fan is still not functioning, you will need to check the switch setting of both the transmitter and receiver.**

### CHECKING THE SWITCH SETTINGS

**Step 1. IMPORTANT!** Make sure the jumper switches of the transmitter and receiver are matched. If they are not matched, the control will not function.

Select different combinations of the jumper switches for each fan installation in the house to prevent interference of one control with another. To change the position of any of the jumper switches you will need a small pair of pliers or tweezers. With the power off, carefully extract one jumper at a time and position differently as needed.

**Step 2.** Make sure that the new setting of the 3 jumper switches are the same in the receiver before installing.

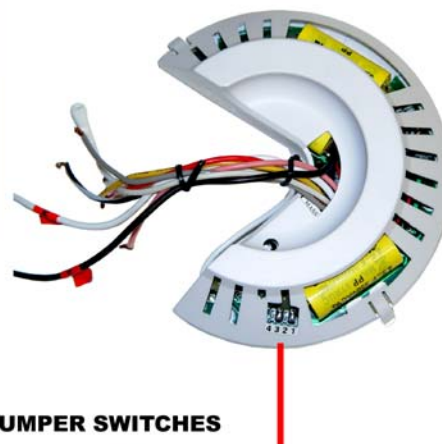
**IMPORTANT!** When you change jumper switches, make sure the battery is not connected to the transmitter.

**Step 3.** Install a fresh 12-volt battery into the transmitter.

**TRANSMITTER**



**RECEIVER**



**JUMPER SWITCHES**





## W-500™ CHANGING FREQUENCY SETTING

**IMPORTANT!** The jumper switches in both the transmitter and the receiver must match or you will not be able to control your fan

**Note:** All fans leave the factory set to ' 0111 '.



You will only have to change the jumper switch settings in the remote and receiver if you are using more than one fan in the same area and want to control them separately. You will need a small pliers or tweezers to move the jumper switches.

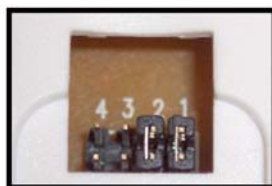
Step 1. At the circuit breaker or fuse box, turn the power off for the fan you want to change.

Step 2. Open the battery door of the W-500 control and remove the batteries.

Step 3. Change the jumper switch settings, assuring that they are different from the previously installed fan.

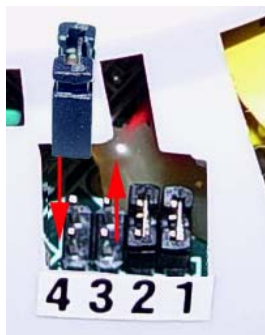
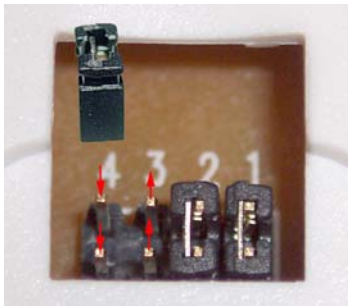


**JUMPER SWITCHES  
SET TO ' 0111 '**



**JUMPER SWITCHES  
SET TO ' 0011 '**

To change the frequency, removal or change the location of the jumper plug as shown.



Step 4. Re-install the batteries and the battery door on the control.

Step 5. At the circuit breaker or fuse box, turn the power back on for the fan whose frequency you are changing.

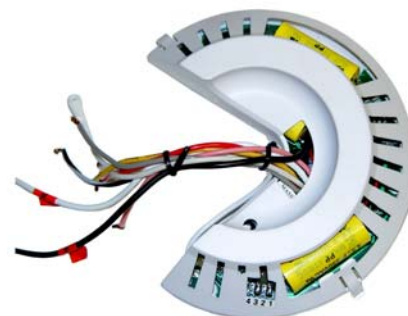
Step 6. Within 20 seconds of restoring power, At the circuit breaker or fuse box, turn the power back on for the fan whose frequency you are changing.

**Note:** You may want to label your controls to assure you do not mix them up.



**TRANSMITTER**

**IMPORTANT!** The jumper switches in both the transmitter and the receiver must match or you will not be able to control your fan



**RECEIVER**

