

# Wireless Wall Switch Guide

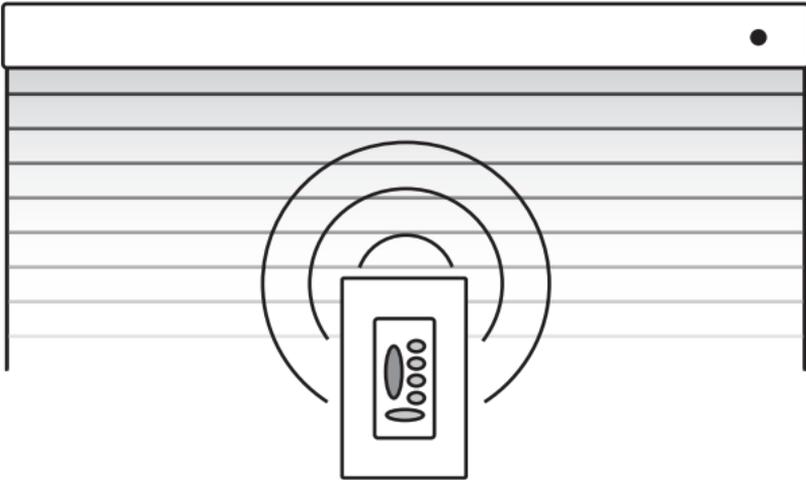


Battery-Powered  
Cellular Shades

# Control Like Never Before

This guide shows you how to set up and operate Battery-Powered motorized products using the wireless wall switch. The wireless wall switch uses radio control for normal operation, but uses an infrared (IR) signal for some setup tasks.

## Method of Operation



### Radio Control

- No aiming necessary (like a garage-door opener)
- Control window coverings individually or in groups

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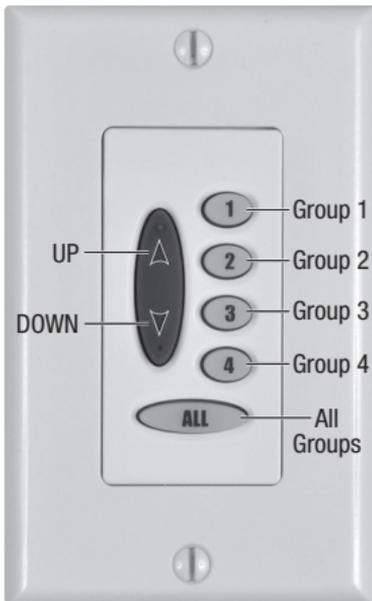
# Getting Started

**Install batteries in the wireless wall switch.**

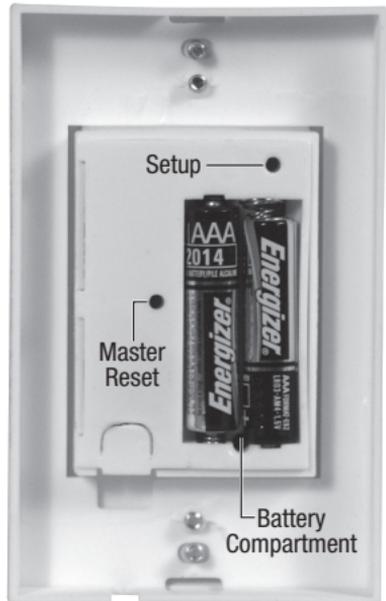


## Wireless Wall Switch

**Front**



**Back**

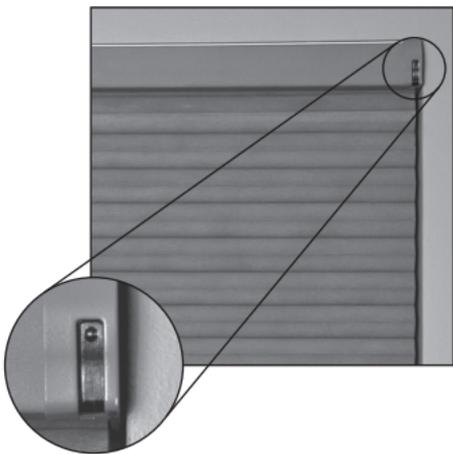


# Sensor Eye Locations



Sensor eyes can be found in the following locations (depending on product and installation options chosen):

**In the Headrail**



# Radio Control

## Introduction

Radio control gives you the ability to operate individual window coverings or multiple window coverings at the same time, even if they are in another room.



## Group Assignment

To use the wireless wall switch, each window covering must first be assigned to a group. (A window covering can be a member of more than one group.)

There are four unique assignable groups to use. A group can be a single window covering or multiple window coverings.

Before beginning, think about how you will group your window coverings. For example, you might create a group for all window coverings in a single room or a group for all window coverings on one wall. You can use the “Group Assignment Worksheet” on page 15 to help you plan.

# Radio Control

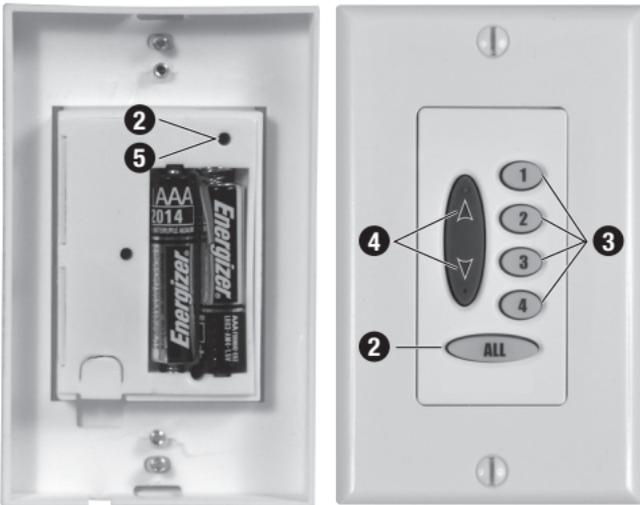
## GROUP Addition or Removal

Before you begin, operate the window covering using infrared control to make sure that you are communicating with only one window covering and that the window covering is working properly.

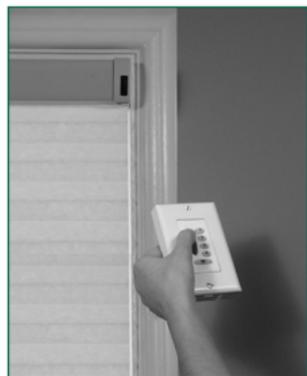


**TIP:** Move the wireless wall switch as close as possible (2" to 3") to the sensor eye when assigning groups.

1. Remove the back cover of the wireless wall switch.
2. With a paperclip, press and release the recessed SETUP button on the back of the switch. The ALL button on the front of the switch flashes green for approximately 30 seconds.



3. While the ALL button is flashing green, press the group button for the group to which you plan to assign the window covering.
4. Point the top of the wall switch at the sensor eye of the window covering and press the UP  $\blacktriangle$  button to add the window covering to the group or the DOWN  $\blacktriangledown$  button to remove the window covering from the group. The window covering moves slightly (or "jogs") to indicate that it has been added to or removed from the group.



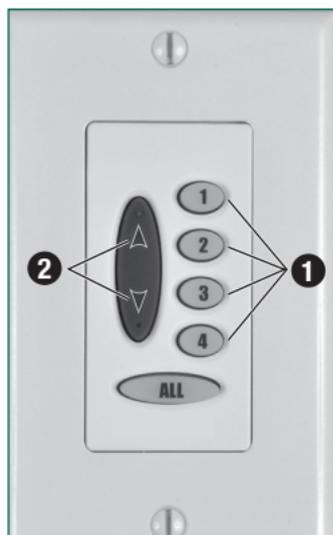
# Radio Control

5. Exit setup mode by pressing and releasing the SETUP button a second time. The wall switch saves any changes made and the ALL button stops flashing.
6. Replace the wall switch in its mounting place.

## Basic Operation

Operating your window coverings using the wireless wall switch allows you to control multiple window coverings at the same time from a central location.

1. Press the group button assigned to the window coverings.
2. Press the UP ▲ button to open the window covering or the DOWN ▼ button to close the window covering.



## Operation Notes

- If you do not press a group button, the wall switch defaults to controlling the last group chosen.
- The wall switch can control multiple groups at the same time by pressing multiple group buttons before pressing UP ▲ or DOWN ▼.
- To stop a window covering while it is moving, press the assigned group button, then press the opposite UP ▲ or DOWN ▼ button.
- To operate all window coverings assigned to the wall switch, press the ALL button before pressing UP ▲ or DOWN ▼.
- Operational distances using radio control may vary depending on common household construction differences.

# Radio Control

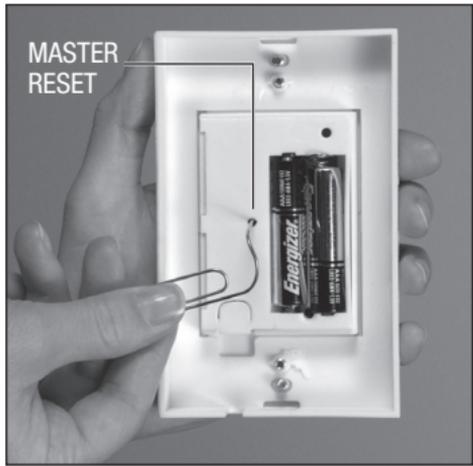
## Setting Up a Duplicate Wall Switch

If you want a backup for your primary wireless wall switch or remote, you can quickly duplicate the current transmitter. When this procedure is complete, any change made with any of the transmitters also affects the operation of the other wireless wall switches and remotes. Follow this procedure:

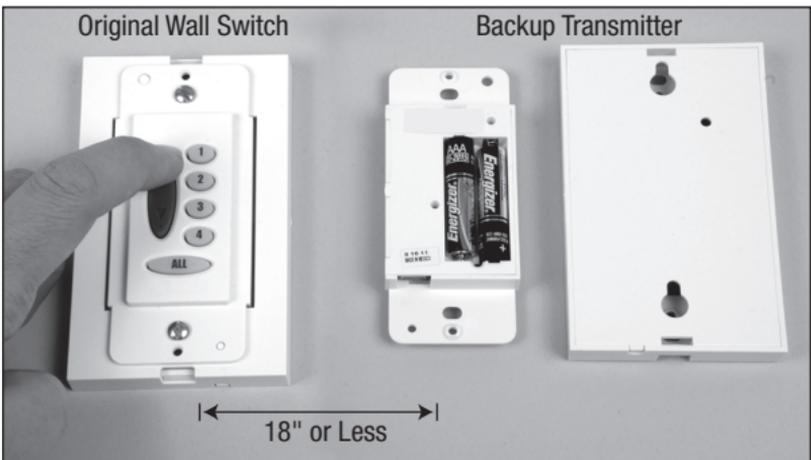


1. Mark the original transmitter.
2. Remove the back cover from the backup wall switch.

3. With a paperclip, press and hold the recessed MASTER RESET button on the backup wall switch for approximately 10 seconds. All of the group buttons on the front of the wall switch starts flashing green.



4. Place the marked original wall switch (or remote) within 18" of the backup wall switch and press the UP ▲ button on the marked original. The group buttons on the backup wall switch stop flashing.



5. Replace the battery cover on the backup wall switch. It is now ready for use.

# Installation

The wireless wall switch can be installed either as a surface mount or a flush mount.



**Surface Mount**



**Flush Mount**

## **Installing the Wireless Wall Switch as a Surface Mount**

1. Remove the back cover from the switch.
2. Use the mounting screws supplied with the switch to secure the back cover to the wall.
3. Place the switch assembly over the back cover, top first.
4. Press the bottom edge of the switch assembly over the bottom of the back cover until the bottom locking tab is secure.
5. Install the faceplate over the switch assembly.

## **Installing the Wireless Wall Switch as a Flush Mount**

The wireless wall switch fits standard electrical mounting boxes. Use a low voltage electrical retrofit ring or electrical junction box for installation. Check local electrical codes for proper installation.

# Intermediate Stops

## Setting Intermediate Stops

An intermediate stop allows a window covering to be preset so that it will stop at the same “intermediate” position each time it is opened or closed.

1. Remove the wall switch from its mounting place.

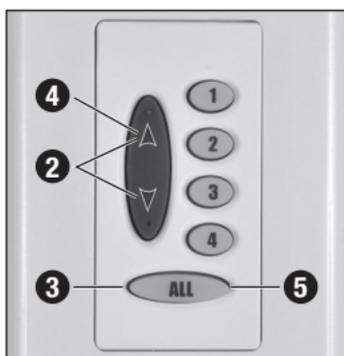
2. Open and close the window covering fully, then move it to the desired intermediate position.

3. Press and hold the ALL button for 6 seconds. The ALL button starts flashing green.

4. Point the top of the switch at the sensor eye and press the UP ▲ button to set the intermediate stop. The window covering moves slightly (or “jogs”) intermediate stop has been added.

5. Press the ALL button to save the intermediate stop. The ALL button stops flashing.

6. Return the wall switch to its mounting place.



**NOTE:** One intermediate stop can be set for each window covering. If you set a new intermediate stop, it replaces the previous stop.

**NOTE:** Reset the window covering to clear an intermediate stop. See “Resetting a Window Covering” on page 15.

## Why Set an Intermediate Stop?

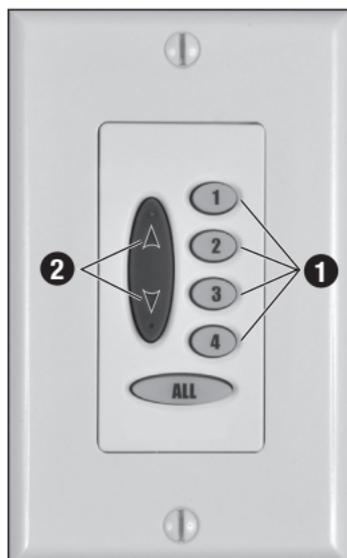
Intermediate stops can be used to align opening height to mullions or other architectural features of the window. They can also be used to align the opening height of different window coverings in the same room.

# Express Mode

## Express Mode

When the window covering is in any position, you can open or close it fully (bypassing the intermediate stop) as follows:

1. Press the appropriate group button.
2. Press and hold the UP ▲ or DOWN ▼ button for 2 seconds. The window covering opens or closes fully.



## Radio Control Operation

See “Basic Operation” on page 5 for information about using the wall switch to operate a window covering.

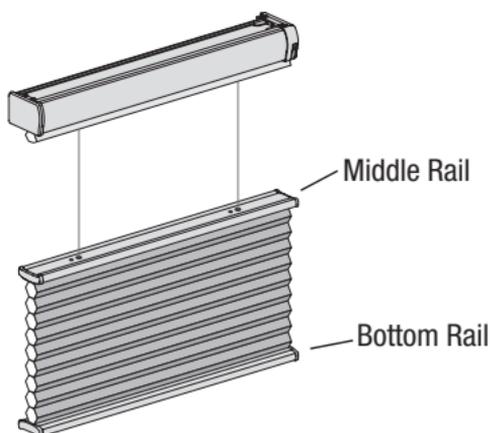


## Top-Down Shades

For shades with the Top-Down design option, only the middle rail moves and the wall switch operation is reversed (e.g., to open a shade, press the DOWN ▾ button on the switch). Setup procedures are the same as for standard shades.

**NOTE:** The bottom rail must be in the fully lowered position to operate the middle rail. The middle rail must be in the fully raised position to operate the bottom rail.

### Bottom-Up/Top-Down



## Lower the Bottom Rail

1. With the middle rail fully raised, press the group button assigned to the shade.
2. Press the DOWN ▼ button to lower the bottom rail and cover the window.

## Lower the Middle Rail

1. With the bottom rail fully lowered, press the group button assigned to the shade.
2. Press the DOWN ▼ button to lower the middle rail while the bottom rail remains in the fully lowered position.

## Raise the Middle Rail

1. With the bottom rail fully lowered, press the group button assigned to the shade.
2. Press the UP ▲ button to raise the middle rail while the bottom rail remains in the fully lowered position.

## Raise the Bottom Rail

1. With the middle rail fully raised, press the group button assigned to the shade.
2. Press the UP ▲ button to raise the bottom rail and uncover the window.

# Troubleshooting

<b>Problem</b>	The window covering does not operate with the wall switch.
<b>Solution</b>	<ol style="list-style-type: none"><li>1. Make sure a group button illuminates when you try to operate the window covering.<ul style="list-style-type: none"><li>➤ If the group button does not illuminate when you press a button, replace the batteries in your wall switch.</li></ul></li><li>2. Operate the window covering using its manual control button. If the window covering doesn't operate, make sure it has power: <b>NOTE:</b> The manual control button is usually next to the sensor eye of the window covering.<ul style="list-style-type: none"><li>➤ If the window covering is battery-powered, replace the batteries in the battery wand or satellite battery pack.</li></ul></li><li>3. If the batteries in the wall switch are good and the window covering works when you use the manual control button, do one of the following:<ul style="list-style-type: none"><li>➤ If the LED on the selected group button is steady green when you press the UP ▲ or DOWN ▼ button, go to "Window covering does not operate" on page 13.</li><li>➤ If the ALL button is flashing green, you are in setup mode. Wait 30 seconds or use a paperclip to press and release the SETUP button to exit setup mode.</li></ul></li></ol>

# Troubleshooting

<b>Problem</b>	The window covering does not operate.
<b>Solution</b>	<p>Make sure you have added the window covering to a group. For more information, see “Group Assignment” on page 3.</p> <p>Make sure you have pressed the group button for the group to which the window covering has been assigned. If you need to add a window covering to a group, see “Group Addition or Removal” on page 4.</p> <p><b>NOTE:</b> Due to differences in household construction, radio control operation may vary within a home. Try operating the window covering from different locations.</p>
<b>Problem</b>	The window covering operates unexpectedly.
<b>Solution</b>	<p>Make sure you have chosen the correct group to operate. If you need to remove a window covering from a group, see “Group Addition or Removal” on page 4.</p> <p>If you are not pressing the UP ▲ or DOWN ▼ button when the window covering is operating, make sure no one else is using a backup wall switch or remote to control the window covering.</p>
<b>Problem</b>	The window covering does not open or close fully or has an intermediate stop that is no longer wanted.
<b>Solution</b>	<p>Make sure the operation of the window covering is not obstructed.</p> <p>Reset the window covering as described in “Resetting a Window Covering” on page 14.</p>

<b>Problem</b>	If you cannot resolve your problem with these guidelines:
<b>Solution</b>	Check the Troubleshooting section of the <i>Installation, Operation, and Care</i> instructions for the window covering.

## Resetting a Window Covering

To clear all stops and reset the window covering:

1. Press and hold the manual control button for 6 seconds. The window covering moves slightly (or “jogs”) to indicate that it has been reset to factory defaults.
2. Close the window covering completely (this sets the DOWN motor limit).
3. Open the window covering completely (this sets the UP motor limit).

The intermediate stop position is now cleared and the motor limits are now reset.



## **Radio Frequency FCC Compliance**

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for Class B Digital Device, 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 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 this 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

