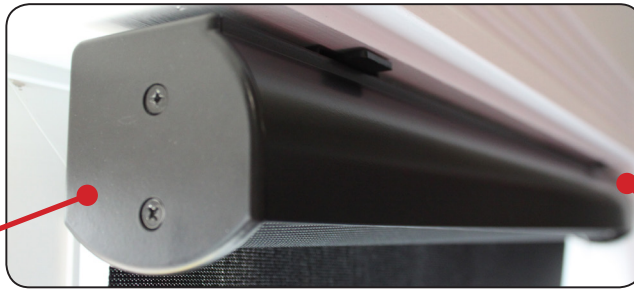


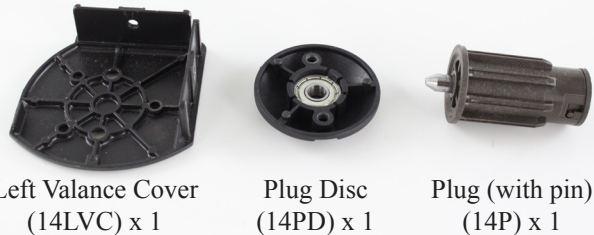
# Motor Operated Interior Sun Shade



**IMPORTANT:**  
Do not cut antenna



(Exploded view)

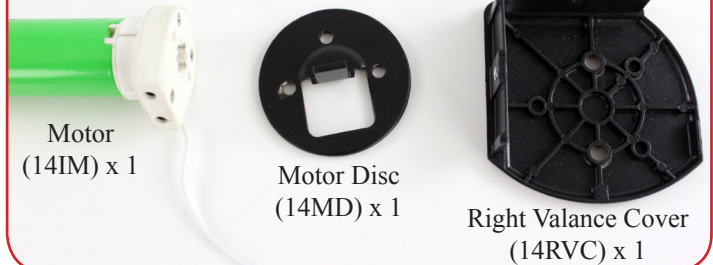


Left Valance Cover  
(14LVC) x 1

Plug Disc  
(14PD) x 1

Plug (with pin)  
(14P) x 1

(Exploded view)



Motor  
(14IM) x 1

Motor Disc  
(14MD) x 1

Right Valance Cover  
(14RVC) x 1

Holder  
(14RCH) x 1

0.75 inch Anchor  
(14SSA) x 2

Holder Bracket  
(14RCHB) x 1

Small Screws  
(14SS) x 2



AC Charger  
(14ACC) x 1



Remote Control  
(14IRC) x 1



AC Charger Extension  
(14ACCEX) x 1

Part #	Description	Qty	Location
14VA	Valance	1	Pre-installed
14SC	Shade Cloth	1	Pre-installed
14BT	Bottom Tube	1	Pre-installed
14LVC	Left Valance Cover	1	Pre-installed
14RVC	Right Valance Cover	1	Pre-installed
14PD	Plug Disc	1	Pre-installed
14P	Plug with Pin	1	Pre-installed
14IM	Motor	1	Pre-installed
14MD	Motor Disc	1	Pre-installed
14BTP	Bottom Tube Plug	2	Pre-installed
VB13	Valance Bracket	3	Hardware Box
14S	Large Screw	6	Hardware Box
14RCHB	Holder Bracket	1	Hardware Box
14RCH	Holder	1	Hardware Box
14SSA	Anchors	2	Hardware Box
14SS	Small Screws	2	Hardware Box
14ACC	AC Charger	1	Hardware Box
14IRC	Remote Control	1	Hardware Box
14ACCEX	AC Charger Extension	1	Hardware Box
CR2430 Battery	Battery for Remote Control	1	Hardware Box



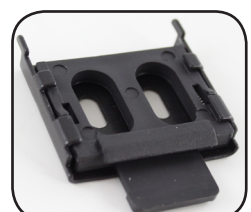
Large Screw  
(14S) x 6



CR2430 Battery  
(RCS-BATRC12) x 1



Bottom Tube Plug  
(14BTP) x 2



Valance Bracket  
(VB13) x 3

Note: some parts may be slightly different than shown in this manual.

## BEFORE YOU START

Determine your type of installation. Your sun shade can be hung from a wall or a ceiling. Figure A demonstrates a wall installation. Figure B demonstrates a ceiling installation.



Fig A



Fig B

## Step 1: Install the Valance Brackets (please read entire step prior to installation)

Your shade includes a paper template. Use of the template is optional, but recommended. The template is designed to help you align your pilot holes for your Valance Brackets. To use your template, temporarily adhere the template (using tape, staples, etc.) to the installation surface. Make sure the template is level, flat and unwrinkled before adhering it to your surface. The template is the full width of your shade; so if the template fits in your installation area, your shade will fit as well. Before drilling the pilot holes, please consider the following:

1. Your shade includes three (3) Valance Brackets, you must install at least two of them.
2. Install one (1) Valance Bracket near each end of the shade and one (1) Valance Bracket in the middle of the shade. Note: the Valance Brackets cannot be installed on the extreme edges of the shade, you will need to allow at least one (1) inch (2.54 cm) at the ends of each side. We recommend installing the brackets on the closest stud to each end of the shade, remembering to
3. allow at least one (1) inch (2.54 cm) from each end.

Install the Valance Brackets into wood studs. If wood studs are not available, you will need to use anchors (not included). See your local hardware store for more information.

It is very important that your brackets are perfectly aligned with each other (your shade will not install correctly unless your brackets are perfectly aligned with each other). We recommend using a laser level or the provided template to align the screw holes.

### WALL INSTALLATION

For wall installations, you need to allow at least one (1) inch (2.54 cm) above the bracket to allow the shade to hook onto the bracket (only if there is a ceiling that overhangs the shade). See Figure C.

For a wall installation, make sure the plastic tabs on your Valance Brackets are pointing towards the ground (Fig D).

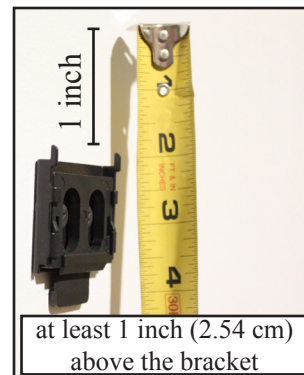


Fig C

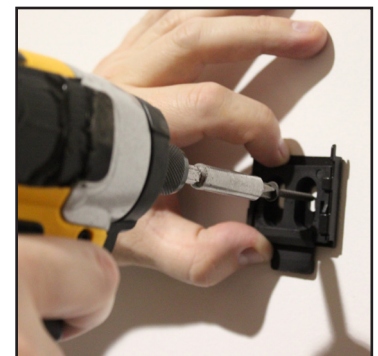


Fig D

### CEILING INSTALLATION

For ceiling installations, you need to allow at least one (1) inch (2.54 cm) behind the bracket to allow the shade to hook onto the bracket (only if there is a wall behind the shade). See Figure E.

For a ceiling installation, make sure the plastic tabs on your Valance Brackets are pointing out, towards you (Fig F).

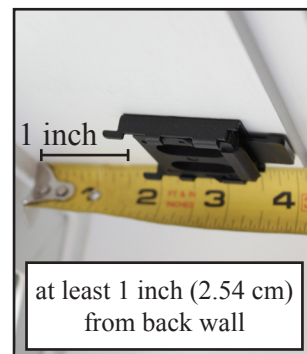


Fig E



Fig F

## Step 2: Install the shade

For wall installations, first hook the back of the Valance on the top of Valance Brackets (Fig G), then rotate the shade down and click into place (Fig H).

Note: you may need to push the plastic tabs on the Valance Brackets to help the shade click into place.



Fig G

### WALL INSTALLATION



Fig H

For ceiling installations, first hook the back of the Valance on the back of the Valance Brackets (Fig I), then rotate the Valance upwards and click it into place (Fig J).

Note: you may need to push the plastic tabs on the Valance Brackets to help the shade click into place.



Fig I

### CEILING INSTALLATION



Fig J

## Step 3: Install the Battery in the Remote Control

Your Remote Control requires a CR 2430 (3V) lithium battery (included). To install the Battery, slide the battery cover off the Remote Control and insert the battery with positive (+) side of the battery (up) facing the backside of the remote (Fig K).

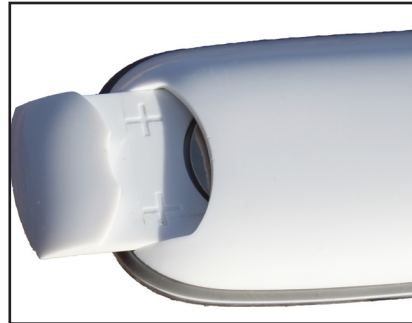


Fig K

## Step 4: Mount Remote Control to Wall (optional step)

Your shade includes a Remote Control Holder that allows you to mount your Remote Control to a wall/beam. To install, place the Holder Bracket against the installation surface with the narrow side against the wall/beam and install it using the two Small Screws (Fig L).

Next, slide the Holder onto the Holder Bracket (Fig M).

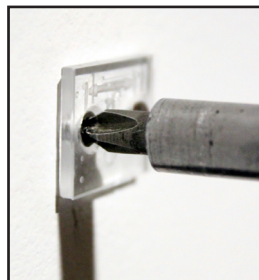


Fig L



Fig M

# Step 5: Program Your Shade(s)

## FAMILIARIZE YOURSELF WITH THE REMOTE CONTROL

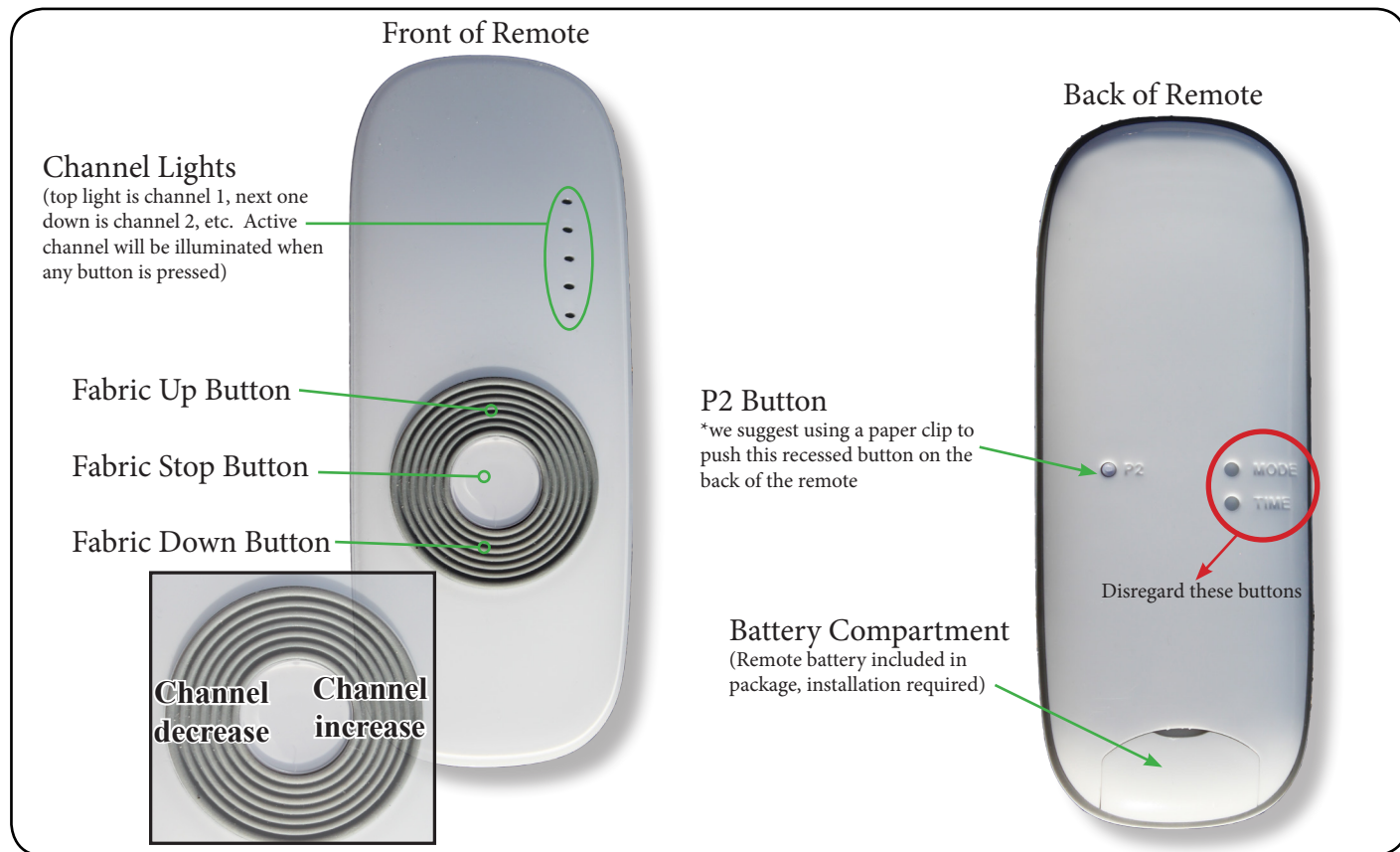


Fig N

### GENERAL PROGRAMMING INFORMATION

When rolling your shade up or down, you have the option of stopping the fabric at any position by pushing the “stop” button on your Remote Control. Your shade is pre-programmed with a “Top Fabric Limit” and a “Bottom Fabric Limit”. These are the points where the fabric will stop rolling without you pushing the “stop” button. The default “Top Fabric Limit” is approximately 2” below the valance. The default “Bottom Fabric Limit” is approximately 72” below the Valance. If you are satisfied with these pre-programmed limits, you can skip to Step 6.

If you want to change these default fabric limits, please see the instructions below. **Please note: if you decide to alter your limits, you must change both the top and bottom limits.**

**Please also note: your Remote Control is already programmed to work with your shade on channel one (1).** Make sure your remote is set to channel one (1) before you proceed. You can change the channel on your remote by pressing the channel increase or channel decrease button until channel one (1) is illuminated (see Fig N). Important: several of the steps listed in this manual require that you are able to hear your motor “beep”. Please program your shade at a time when noise is at a minimum. If the fabric does not jog or beep when it should, press the necessary button again.

### PUT YOUR SHADE INTO “LIMIT SETTING MODE”

Before you can set your Top Fabric Limit, you need to put your shade in “limit setting mode”. This process will delete the factory preset upper and lower limits. To enter “limit setting mode”, follow these steps: (remember, your shade must be on channel one (1) before you proceed). Note: The three (3) buttons listed below must all be pressed within ten (10) seconds of each other (if this is not done, the motor will go back into normal operation mode).

1. Press the “P2 Button” on the back of the Remote Control  
(motor will beep and fabric will jog)
2. Press the “Up Button” on the front of the Remote Control  
(motor will beep)
3. Press the “P2 Button” on the back on the Remote Control  
(motor will beep three times and the fabric will jog)
4. You are now in “limit setting mode”

## SET YOUR TOP AND BOTTOM FABRIC LIMITS

**Important: if you are adjusting your fabric limits, you must set both the top and bottom fabric limits.**

To set your Top Fabric Limit, follow these steps:

1. Using the up/down button, position the fabric where you want the Top Fabric Limit to be located (we recommend leaving at least one (1) inch of fabric unrolled)
2. Press and hold the “stop” button until the fabric jogs (you should hear the motor beep several times when you are holding down the “stop button”).

To set your Bottom Fabric Limit, follow these steps:

1. Using the up/down button, position the fabric where you want the Bottom Fabric Limit to be located.
2. Press and hold the “stop” button until the fabric jogs (you should hear the motor beep several times when you are holding down the “stop button”).

Your shade should now have top and bottom fabric limits set on channel one (1). After setting your bottom limit, the shade will exit limit setting mode automatically. Test your shade to make sure it stops in the locations you set.

**Remember, you must set both top and bottom fabric limits to exit limit setting mode.**

If you purchased more than one (1) shade, we recommend setting the top and bottom fabric limits for each shade with its original Remote Control.

## Step 6: Using One (1) Remote To Operate Multiple Shades (optional)

If you have not already done so, remember to set the top and bottom fabric limits for each shade you purchased (with its original remote, see step five (5)).

Your remote control has five (5) usable channels. Each channel can operate one (1) shade. All shades come programmed to operate on channel one (1) of their original remote. If you purchased multiple shades, you have the option of controlling up to five (5) shades with one (1) Remote Control.

Before you program one (1) remote control to operate multiple shades, make sure you know which remote goes with each shade. You must have all remote controls present to complete this step. Decide which shade you want to operate on channel one (1), this will be your primary shade. The remote that goes with this shade will be your primary remote. Your other shades will operate on channels 2-5 of the primary remote.

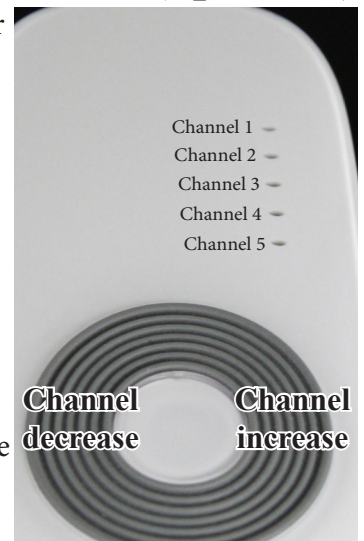


Fig P

1. Put your primary remote on channel two (2) by pressing the “channel increase” or “channel decrease” button until channel two (2) is illuminated (remember, channel one (1) is already programmed to operate your primary shade).
2. Next, determine which shade you want to operate on channel two (2) (on the primary remote). This is your secondary shade. Make sure the remote for the secondary shade is on channel one (1). Using the remote for the secondary shade, press the P2 button once (you will hear a “beep”). Then press the P2 button again (you will hear another beep).
3. Using your primary remote, press the P2 button once (you will hear 5 “beeps”).
4. Your secondary shade now works on channel two (2) of your primary remote.
5. To add additional shades, set your primary remote on channel 3, 4 or 5, and repeat this process with the remote for your 3rd, 4th or 5th shade.

All buttons must be pressed within 10 seconds of each other or the motor will return to normal operation mode. You can control each shade individually by selecting their channel on your primary remote or you can control all shades at the same time on the primary remote by lighting all five (5) channels. Press the “channel increase” or “channel decrease” buttons until all five (5) channels are illuminated.

# Charging your shade

Your shade comes charged and ready to use. The battery (when fully charged) should last approximately 4-6 months (depending on frequency of use). When you need to recharge your shade, simply plug in the included AC adapter in the shade AC adapter plug (see red circle on Figure Q). It will take approximately 6 hours to recharge your shade. After recharging your shade, store the AC adapter in a cool dry place.

## Need help with programming?

### HOW TO ERASE TOP AND BOTTOM FABRIC LIMITS FROM YOUR SHADE

If your top and bottom fabric limits programming did not work properly and you need to start over, see the following instructions.

Before you begin this step, make sure your remote is on the correct channel for that shade. We strongly recommend that you use the original remote for your shade when erasing or changing limits.

1. Press P2 button one time (motor will beep and fabric will jog).
2. Press the “down” button one time.
3. Press the P2 button one time (motor will beep). Fabric will jog, followed by two (2) “beeps”. Your top and bottom limits have been erased and you can now re-set them.

Remember, all three buttons, P2, down, and P2 must be pressed within ten seconds, or the motor will return to normal operation mode.

To set new upper and lower fabric limits, see step 5 for instructions (page 4).

### HOW TO ERASE FREQUENCIES ON THE REMOTE AND SHADE (and re-establish a connection)

If your remote and or shade are not working properly, you can reset the remote and shade. This process will clear the frequency of the shade and remote for the channel selected on the remote.. It will also erase any top and bottom fabric limits you may have set.

#### Step A: Delete shade/remote connection and fabric limits

(If your shade motor does not respond to your remote during this step, skip to the step B. Before you begin, make sure your remote is on the channel you wish to erase (usually channel 1).

1. Press P2 button one time (motor will beep and fabric will jog).
2. Press the stop button one time (the motor will beep).
3. Press P2 button one time (motor will beep several times and fabric will jog). If this process worked correctly, your remote will no longer work.

#### Step B: Re-establish shade/remote connection

Before you begin this step, make sure your remote is set to the channel you wish to program for your shade (usually channel 1).

1. To reprogram your shade you will need to press the reset button (found next to the antenna-see green circle in Fig Q) for one second, (you may need a narrow object such as a paper clip and a flashlight to identify the black reset button inside the hole).
2. Once you release the button, the motor will beep and the fabric will jog.
3. Press the P2 button two (2) times (the motor will beep after each button press)
4. Press the “down” button. The motor will beep several times and the fabric will roll down confirming the reprogramming process has worked. Your remote control is now programmed with your shade. Now you can set your upper and lower limits. See step 5 for these instructions.

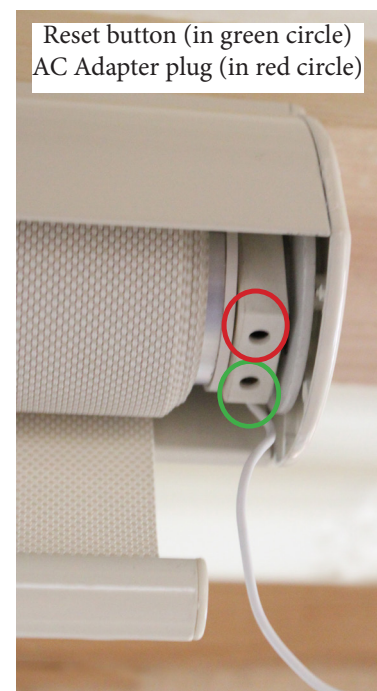


Fig Q

# Troubleshooting

Problem	Possible Reasons	Solution	Process
Remote does not work	Remote control battery is dead or has not been installed	Install battery or replace battery (1 battery included in package)	see installation instructions (step 3)
	Remote/shade have lost connection	Re-program remote	See “help with programming” (follow instructions: how to erase all frequencies...)
	Shade’s rechargeable battery is depleted	Recharge battery	Use included AC adapter and charge shade
	Battery not installed correctly	Install battery correctly	Remove battery, and reinstall with correct polarity
Shade is moving up and down in small increments	Shade is in “small adjustment mode”	Deactivate small adjustment mode	Push “P2” (on back of remote), “up button” then “down button”
Up and down functions reversed on remote	Remote needs to be reprogrammed	Reprogram remote	Push reset button on shade, Push P2 button on back of remote twice, Push the “down” button.
	Shade has been unrolled all the way down (without a lower limit) and continued back up the other side.	Roll shade down until fabric rolls up other side of shade.	Push “up” button on shade (shade should roll down). Allow shade to roll all the way down and continue back up. Press “stop” when fabric nears the top of the shade. Set upper and lower limits (see step 5)
Shade moves down, but not up.	Shade battery does not have sufficient power	Recharge battery	Plug in shade using included AC adapter into the AC adapter plug (see fig Q on page 6)
Top and bottom fabric limits did not save correctly	Remote signals not successfully received	Delete upper and lower limits and start over.	See “help with programming” (follow instructions: how to reset upper and lower limits)

## Maintenance

To clean your shade fabric, simply rinse with water and soap and scrub with a soft brush. Remember to unplug your shade before cleaning. Do not allow the motor to get wet. **Note: using bleach or an abrasive cleaner will void your warranty. Roll the shade down to air dry.**

## Additional information

An instructional video is available on our website ([www.KeystoneFabrics.com](http://www.KeystoneFabrics.com)) if you need additional help installing or programming your shade.

**Don’t forget to send us your warranty/registration card.**