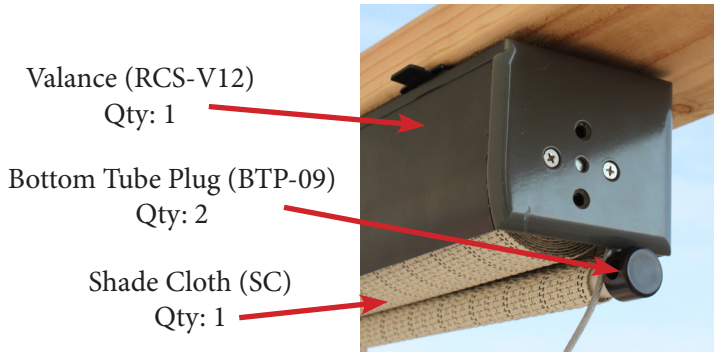


Motor Operated Solar Shade with Valance

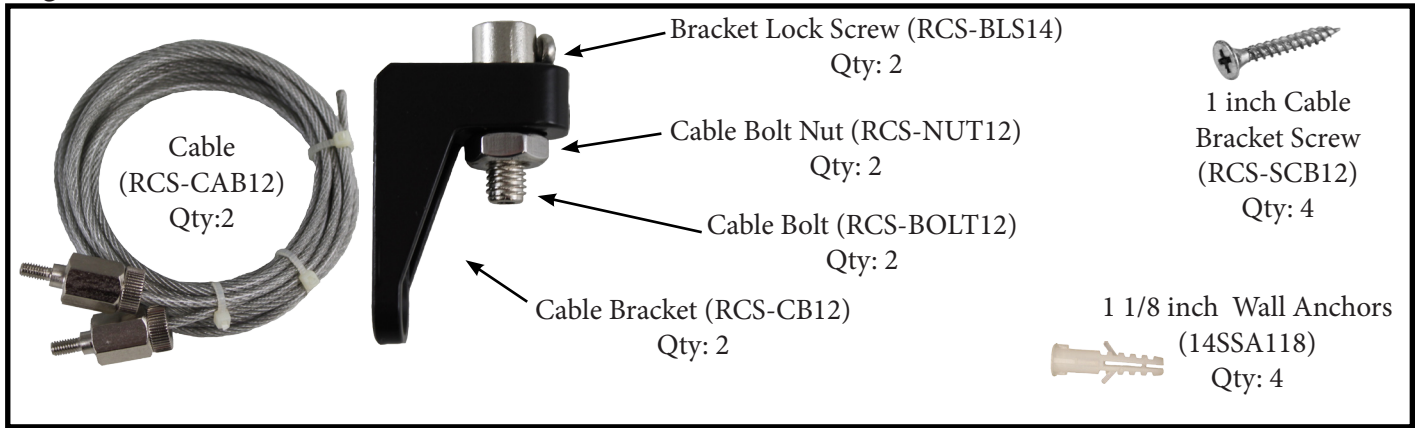
Installation and Care Instructions

*** Complete Video Instructions Available Online at www.keystonefabrics.com**

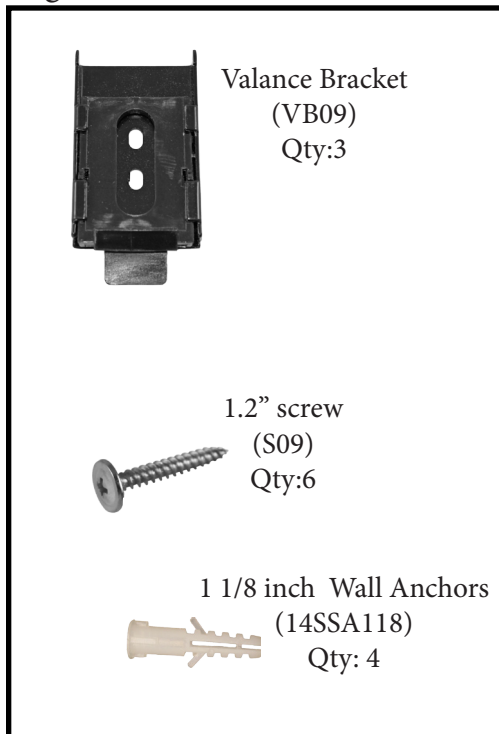
Step 1: Identify the parts of your shade (parts shown are not to scale)



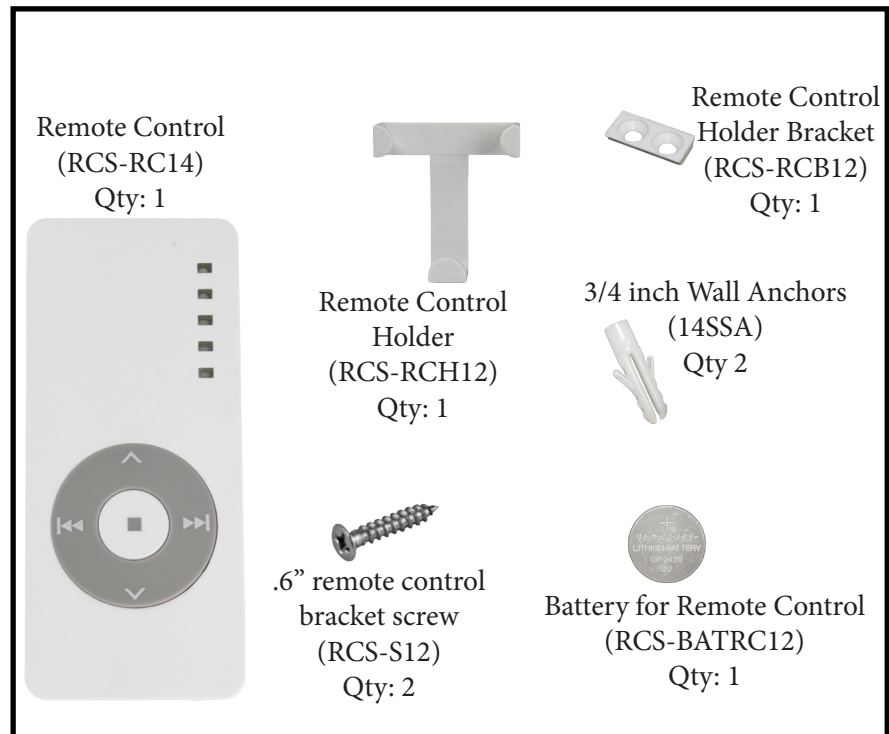
Bag 2 contents



Bag 1 Contents



Remote Control Contents



Important: Do Not Cut the Antenna

Your shade has an antenna that allows the Remote Control to communicate with the shade motor. Please do not cut the antenna (see Fig A).

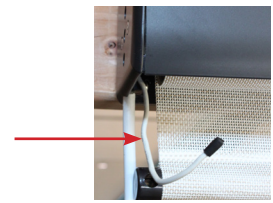


Fig A

Step 2: Install Valance Brackets

Your shade can be hung as either a wall or ceiling installation. See Figures B and C (to the right) to determine your type of installation.

Your shade includes two (2) or three (3) Valance Brackets (depending on the size of your shade), you must install at least two (2) of them. Install one (1) Valance Bracket near each end of the shade. Note: the Valance Brackets cannot be installed on the extreme edges of the shade, you will need to allow at least 2 inches (5.08 cm) at the ends of each side. We recommend installing the brackets on the stud closest to each end of the shade, remembering to allow at least 2 inches (5.08 cm) from each end. If you are installing a third bracket, install the bracket (ideally on a wood stud) near the center of the shade. It needs to be aligned with the other two (2) Valance Brackets. If wood studs are not available, you will need to use anchors.

Some shade models include a paper template to help align your pilot holes. If your shade includes a template, temporarily adhere it to your installation area, making sure it is straight and level, then mark and drill your pilot holes using a 13/64 inch bit (see Figure D). Note: the paper template is the same width as your valance. Remove the paper template before installing your Valance Brackets.

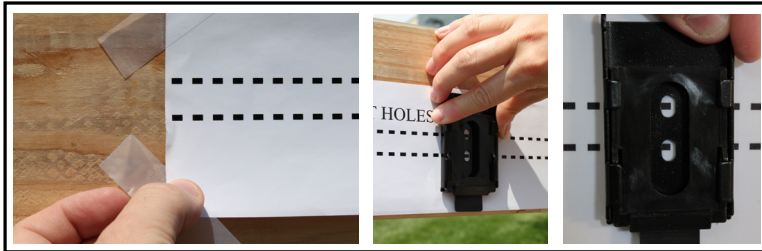


Fig D

WALL INSTALLATION

For wall installations, if there is a ceiling that overhangs the shade, you need to allow at least 1 inch (2.54 cm) of clearance above the Valance Bracket to allow the Valance to hook onto the Valance Bracket. See Figure E.

Make sure the plastic tabs on your Valance Brackets are pointing towards the ground (Fig F). Use the 1.2 inch Valance Bracket screws to install your Valance Brackets.

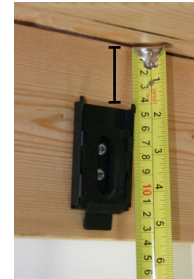


Fig E



Fig F

CEILING INSTALLATION

For ceiling installations, if there is a wall behind the shade, you need to allow at least 1 inch (2.54 cm) of clearance behind the Valance Bracket to allow the Valance to hook onto the Valance Bracket. See Figure G. Make sure the plastic tabs on your Valance Brackets are pointing out, towards you (Fig H). Use the 1.2 inch screws to install your Valance Brackets.

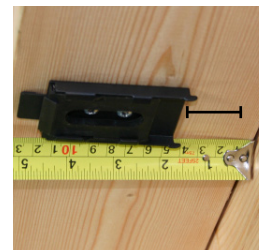


Fig G



Fig H

It is very important that all brackets are perfectly aligned with each other.

Wall Installation



Fig B

Ceiling Installation



Fig C

Step 3: Install the Shade

Your shade is shipped with a protective film to prevent scratching during shipping. Please remove this film prior to installation.

WALL INSTALLATION

For wall installations, first hook the back of the Valance on the top of the Valance Brackets (Fig I), then rotate the shade down and click 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

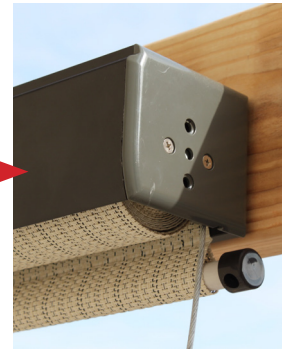


Fig J

CEILING INSTALLATION

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

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



Fig K



Fig L

Step 4: Connect Shade to Power

Your shade plugs into a standard 110V electrical outlet.

Step 5: Install Battery in Remote Control

Your Remote Control requires a CR2430 (3V) lithium battery (included). To install the Battery, slide the battery cover off the Remote Control and insert the battery with the positive (+) side of the battery facing the backside of the remote (see Fig M).

If the battery is installed correctly, the red light in the upper right corner of the Remote Control should illuminate when you press the stop button.

Your Remote Control has five (5) buttons, Up, Down, Stop, channel increase and channel decrease.

Please see Figure N to familiarize yourself with these buttons.



Fig M

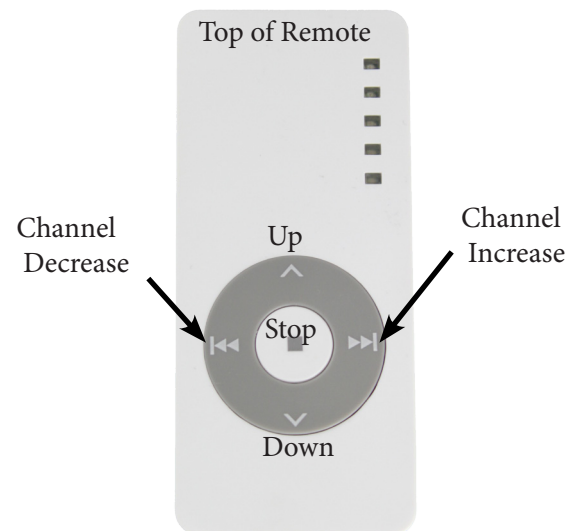


Fig N

Step 6: Set your top and bottom limits

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 “Fabric Top Limit” and a “Fabric Bottom Limit”. These are the points where the fabric will stop rolling without you pushing the “stop” button. The default “Fabric Top Limit” is approximately 4” below the valance. The default “Fabric Bottom Limit” is approximately 96” below the Valance. If you are satisfied with these pre-programmed limits, you can skip to Step 7.

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). You must set both the top and bottom fabric limits to complete this process

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

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 for three seconds to confirm your Top Fabric Limit. The fabric will jog to confirm that your top limit has been set.

Now, set your Bottom Fabric Limit, by following 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 for three seconds to confirm your Bottom Fabric Limit. The fabric will jog to confirm that your bottom limit has been set.

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. If you are not happy with the limits you set, go back to the beginning of this step (6), and start again.

IMPORTANT- Do not allow your shade to go up into the valance, if it does, press “stop” immediately and lower your shade. Failure to press stop will cause damage to your motor, as the motor will continue to try to roll up until the “stop” button is pressed

Step 7: 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.

Important: if you mount your Remote Control, please make sure the remote is in a covered location. The Remote Control should not be exposed to rain, snow or direct sunlight.

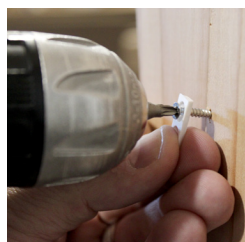


Fig P



Fig Q

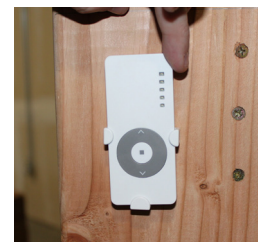


Fig R

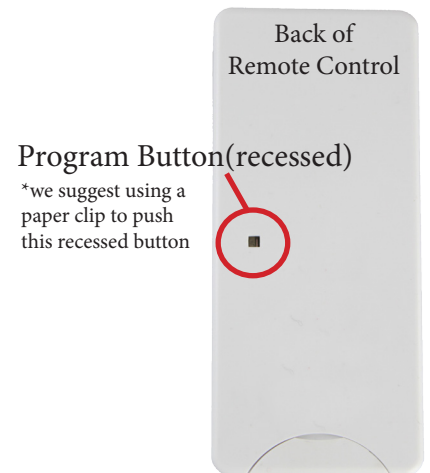


Fig O

Place the Remote Control Bracket against the installation surface with the narrow side against the wall/beam and install it using the two 0.6 inch Remote Control Bracket Screws (see Fig P). Next, slide the Remote Control Holder onto the Remote Control Bracket (see Fig Q). Slide the Remote Control into the Remote Control Holder (see Fig R).

Step 8: Install Cable Tie Down System (optional step)

Your shade includes a Cable Tie Down System to keep your shade secured during mild wind conditions. If you will be using your shade indoors and do not plan to use the Cable System, you can skip this step. If you intend on installing the Cable Tie Down System, you must first determine if your particular application is suitable for the Cable System.

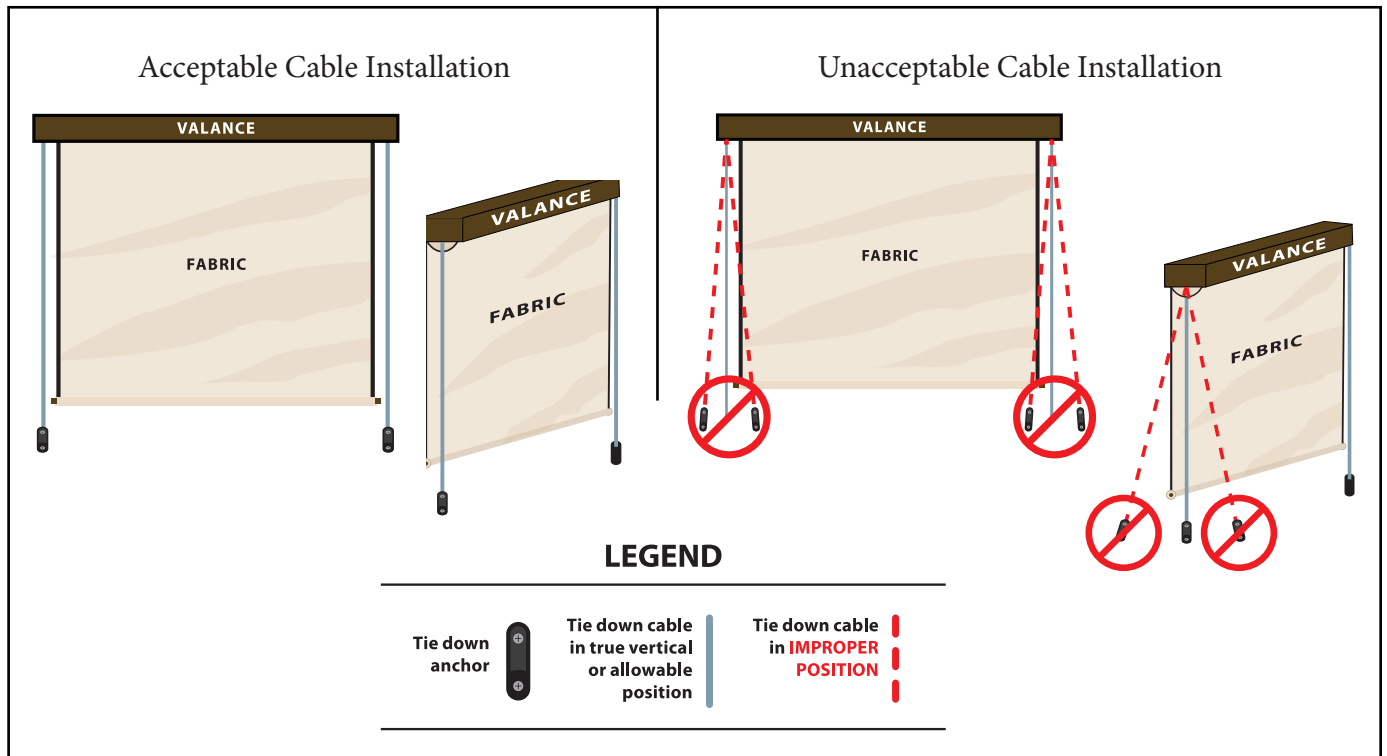


Fig S

If you cannot anchor the bottom of your Cable directly underneath the point where the Cable enters the Valance (see Fig S), then you will not be able to use the provided Cable system. Please see Figure S for illustrations showing appropriate and inappropriate Cable installations. If you cannot use the Cable System, you will need to find another way to secure your shade during windy conditions. We offer a Bungee Tie Down System for purchase on our website that may better suit your application. Contact us for more information.

To install your Cable Tie Down System, start by screwing the Cable into your Valance (See Fig T).

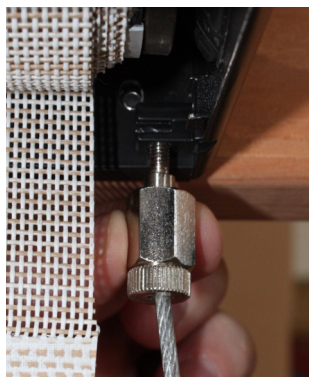


Fig T

Next, roll your Fabric down to your desired Bottom Limit (if you haven't already programmed your Bottom Limit, please refer to Step 6) and make a horizontal mark below both Bottom Tube Plugs (see Fig U).

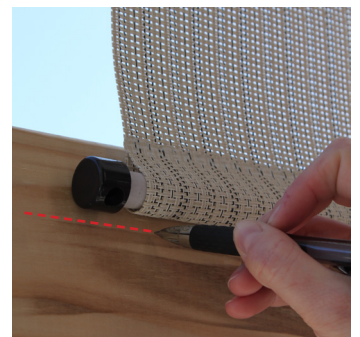


Fig U

Step 8: (continued)

Next, thread the Cable through the Bottom Tube Plug and make a vertical mark where the Cable intersects the horizontal mark (see Fig V). Note: you may need to roll the Fabric up to complete this part of the process.

Align the top of the Cable Bracket with the horizontal line and centered on the vertical line you created using the Cables (see Fig W) and install using the provided 1 inch Screws (two screws per Cable Bracket). Note: the Cable Bolt and Cable Bolt Nut will need to be removed before you can install the Cable Bracket.

Loosen the Bracket Lock Screw and thread the Cable through the Cable Bolt. Pull the Cable taut and tighten both the Cable Bolt Nut using a wrench (not included) and Bracket Lock Screw (Fig X). Cut any excess Cable slack underneath the Cable Bracket with wire cutters (Fig Y).

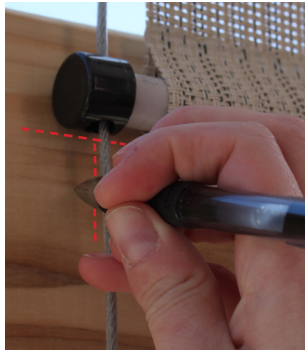


Fig V

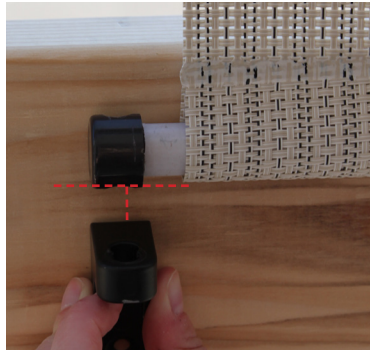


Fig W



Fig X



Fig Y

Remote and Shade Programming

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 six (6)).

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.

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 Program button on the back of the remote once. Then press the Program button again.
3. Using your primary remote, press the Program button once, the fabric will jog.
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 now 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.

Programming Help

ERASING TOP AND BOTTOM LIMITS

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. Additionally, we strongly recommend that you use the original remote for your shade when erasing or changing limits.

1. Press the Programming button one time.
2. Press the “down” button one time.
3. Press the Programming button one time (motor will beep 3 times and fabric will jog),
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 6 for instructions.

Warning: If your remote has all 5 channels illuminated, you will erase the limits for all shades you are controlling

ERASING ALL 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 selected channel 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 the Programming button one time.
2. Press the stop button one time.
3. Press the Programming button one time (motor will beep three 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). Your shade must be plugged in and powered for this process to work.

1. To reprogram your shade you will need to press the green reset button (found next to the antenna) for one second,
2. Once you release the button, the motor will beep 5 times and the fabric will jog.
3. Press the Programming button two (2) times. The motor will beep each time you press the programming button, to confirm that the signal has been received.
4. Press the “down” button (the motor will beep four times and the fabric will jog).

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 Z

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 5)
	Remote has been de-programmed	Re-program Remote	See “programming help” follow instructions: erasing all frequencies (pg 7)
	Shade is not powered	Power Shade	Use included AC adapter and plug in shade
	Remote battery not installed correctly	Install battery correctly	Remove battery, and reinstall with correct polarity
	Remote is not on correct channel	Place remote on correct channel	Use the channel increase/ channel decrease buttons to get shade on correct channel (usually channel 1)
Up and down functions reversed on remote (remember, remote must be held in the correct position, with channel lights in the upper right corner)	Programming Error	Re-set shade and remote	See “programming help” follow instructions: “Erasing all frequencies” skip to step B (pg 7)
	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 6)
Top and bottom fabric limits did not save correctly	Remote signals not successfully received	Delete upper and lower limits and start over.	See “programming help” (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. Your shade should be rolled up during high wind conditions.

Additional information

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

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