

CORDLESS



GETTING STARTED

A few simple tools are required:

- Measuring tape
- Power drill, drill bits
- 1/4" Hex head and/or Phillips driver bit
- Pencil



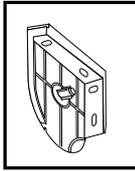
Additional fasteners other than those sent with your shade may be required depending on the mounting surface. Wallboard and plaster require the use of anchors such as expansion or toggle bolts. Brick, tile or stone need special plugs and drill bits. Remember to always pre-drill holes in wood to avoid splitting.

PN: CSR1000W

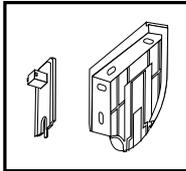
PN: CSR1001W

PN: 20201012

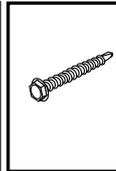
PN: CS2000



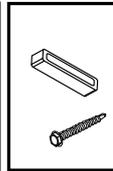
**Left Mounting
Bracket**



**Right Mounting
Bracket with Insert**



**1 1/4"
Hex Head
Bracket
Screw**



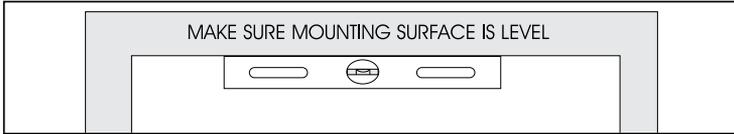
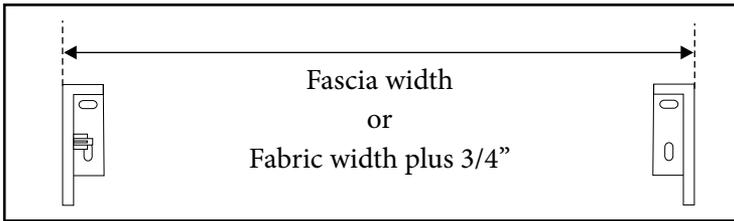
**Spacer
Block
(optional)**

STEP 1: BRACKET INSTALLATION

To determine bracket placement measure the length of the fascia or add $\frac{3}{4}$ " to the fabric width.

Using the installation bracket as a template, measure to the edge of the bracket and mark the hole locations with a pencil for drilling.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.



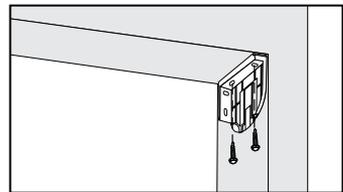
INSIDE MOUNT

The minimum mounting depth for an inside mount is 1\"/>

A minimum of $2\frac{1}{4}$ " is needed to fully recess the shade.

Make sure the brackets are level and aligned.

Attach using two screws when possible. You may only be able to use one screw through the back hole on shallow mount applications.



Inside Mount

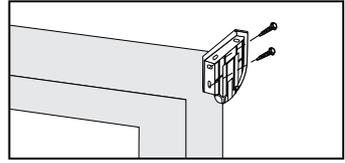
Shallow Mount - Minimum 1" surface
Flush Mount - Minimum $2\frac{1}{4}$ " surface

OUTSIDE MOUNT

The minimum mounting height for outside mounted shades is 2".

Make sure the brackets are level and aligned.

Attach each bracket using two screws.



Outside Mount

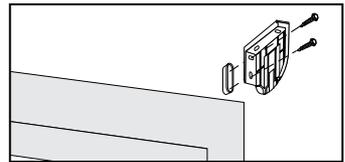
Minimum 2" surface

SPACER BLOCKS (OPTIONAL)

Each spacer block projects brackets $\frac{3}{8}$ " away from mounting surface.

Make sure the brackets are level and aligned.

Attach each bracket using two screws. Screws should be long enough to secure the bracket to the mounting surface.



Outside Mount

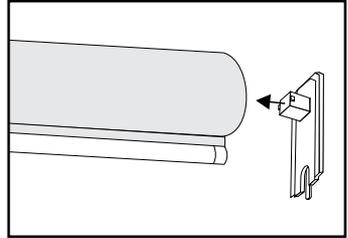
with Spacer Blocks

Additional $\frac{3}{8}$ " projection

STEP 2: SHADE INSTALLATION

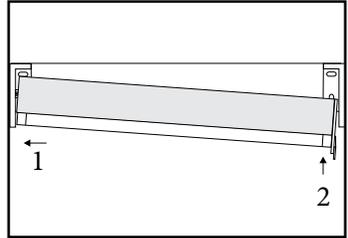
Align the tabs on the bracket insert with the slots in the end of the roller tube.

Insert the post of the right bracket insert into the right end of the roller tube.

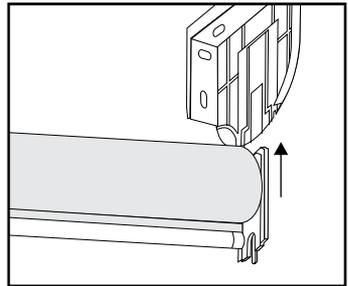


With the fabric fully rolled up on the tube, push the left end of the roller tube onto the post on the left endcap.

Be sure the cross shapes are lined up.



Next, slide the right bracket insert up into the right bracket until it snaps into place.



OPERATION

To lower the shade simply pull down on the bottom rail, stopping when you've reached the desired level.

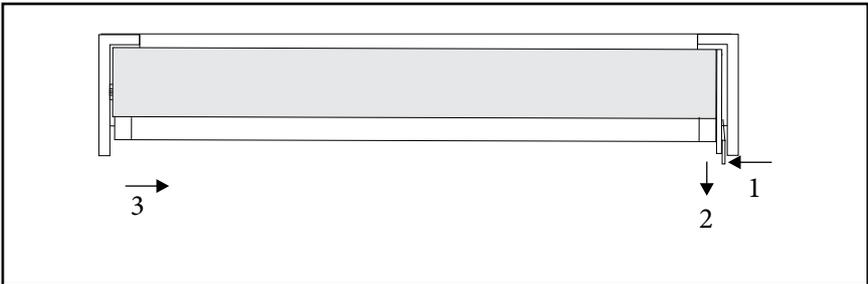
To raise the shade, gently pull down on the bottom rail and release. The shade will automatically retract.

UPSTOP ADJUSTMENT (IF NECESSARY)

Retract the shade and let it stop at the top. If you do not like where the upstop is set, it can be adjusted by removing the shade, rolling the fabric up by hand and reinstalling the shade.

To remove the shade, press the tab on the bottom of the right bracket toward the center of the shade (1).

Slide the right bracket insert down out of the right bracket (2). The left end of the shade can now be removed from the left bracket (3).

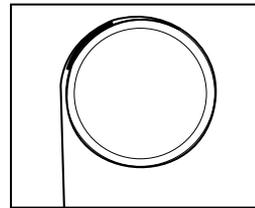
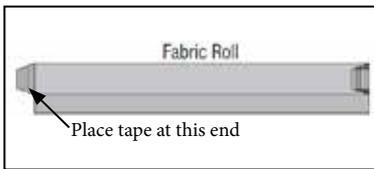


SKEW ADJUSTMENT (IF NECESSARY)

If the shade does not raise evenly, first make sure the mounting brackets are mounted level with each other.

If the shade is level and it still skews, operate the shade to the full down position. Prepare a strip of masking tape approximately 5" long. On the side of the shade opposite of the skewing direction, and as close to the end of the roller as possible, lift the fabric toward the back of the shade using your fingers and slide the tape with the sticky side facing the roller up as far as possible. The tape should be running parallel to the roller.

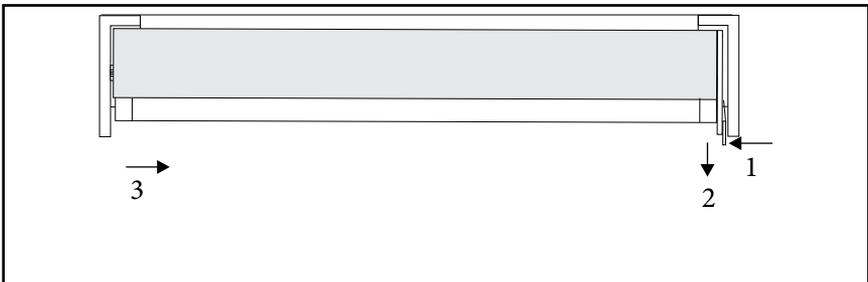
Roll the shade up and check for skewing. If the shade is still skewing, add another strip of tape on top of the first one. If the shade is now skewing in the opposite direction, tear off about 1" of tape from the last strip installed. Tear the tape off the end closest to the center of the shade.



SHADE REMOVAL

To remove the shade, press the tab on the bottom of the right bracket toward the center of the shade (1).

Slide the right bracket insert down out of the right bracket (2). The left end of the shade can now be removed from the left bracket (3).



CLEANING AND CARE

The shade fabric is easy to care for. Regular dusting with a feather duster or vacuum cleaner brush is recommended. Most stains can be blotted with a damp sponge and mild detergent. Before using anything stronger than mild detergent and lukewarm water, test an unobtrusive corner of the shade. If you have any questions, call your dealer for advice.

CORD LOOP

Head Rail, Fascia and No Head Rail



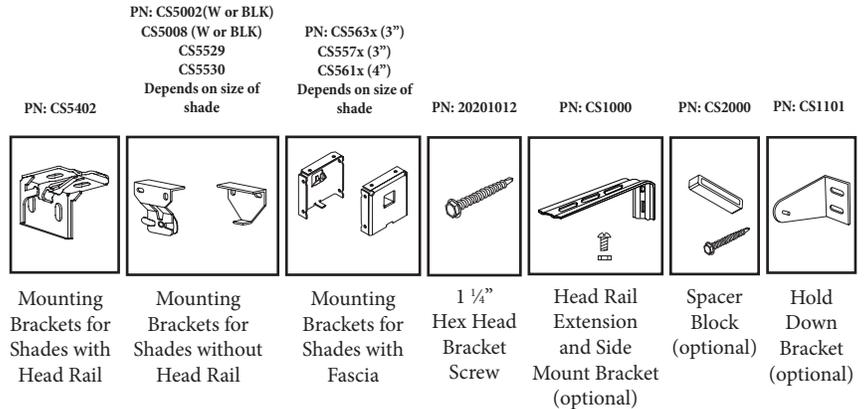
GETTING STARTED

A few simple tools are required:

- Measuring tape
- Power drill, drill bits
- 1/4" Hex head and/or Phillips driver bit
- Pencil



Additional fasteners other than those sent with your shade may be required depending on the mounting surface. Wallboard and plaster require the use of anchors such as expansion or toggle bolts. Brick, tile or stone need special plugs and drill bits. Remember to always pre-drill holes in wood to avoid splitting.



STEP 1: BRACKET INSTALLATION

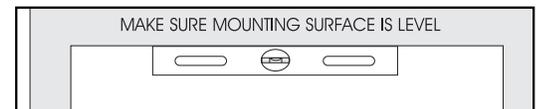
SHADES WITH HEAD RAIL

Shades are shipped with the required number of brackets for proper installation. End brackets should be located approximately 3" from either end. Depending on the width of the shade, additional brackets may be necessary, evenly spaced between the two end brackets.

Using the installation bracket as a template, measure to the edge of the bracket and mark the hole locations with a pencil for drilling.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.

Shade Width	# of Brackets
Up to 40"	2
>40" - 72"	3
>72" - 84"	4
>84" and up	5



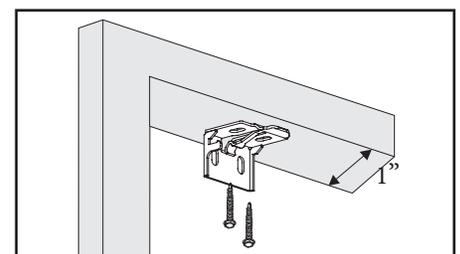
INSIDE MOUNT

The minimum mounting depth for an inside mount is 1".

A minimum of 3 3/4" is needed to fully recess the shade.

Make sure the brackets are level and aligned.

Attach using two screws.



Inside Mount

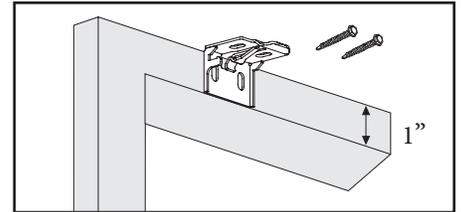
Shallow Mount - Minimum 1" surface
Flush Mount - Minimum 3 3/4" surface

OUTSIDE MOUNT

The minimum mounting height for outside mounted shades is 1".

Make sure the brackets are level and aligned.

Attach each bracket using two screws.



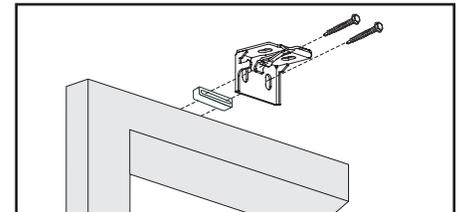
Outside Mount
Minimum 1" surface

SPACER BLOCKS (OPTIONAL)

Each spacer block projects brackets $\frac{3}{8}$ " away from mounting surface.

Make sure the brackets are level and aligned.

Attach each bracket using two screws. Screws should be long enough to secure the bracket to the mounting surface.

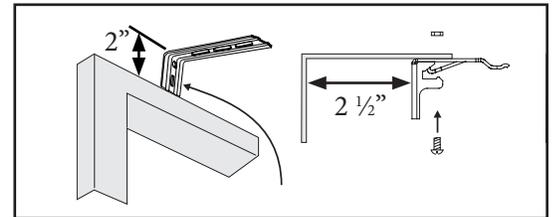


Outside Mount with Spacer Blocks

EXTENSION BRACKETS (OPTIONAL)

Optional extension brackets are used to project the back of the shade up to 2 1/2" from the mounting surface.

Attach the mounting bracket to the extension bracket with the nut and bolt provided.



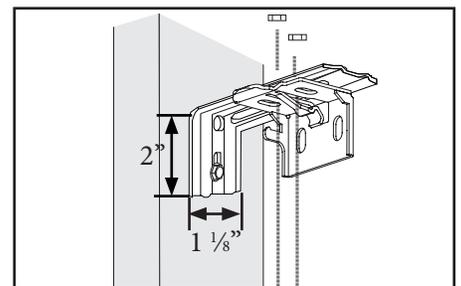
Outside Mount with Extension Brackets
Minimum 2" surface

SIDE MOUNT (OPTIONAL)

Measure from window sill up to desired mounting position on each side of the window frame. Mark position.

Mount side mount brackets on each side of window frame as shown. Make sure to confirm the head rail will sit perfectly level.

Once side mount brackets are installed and properly positioned, attach the mounting brackets using the nuts and bolts provided.

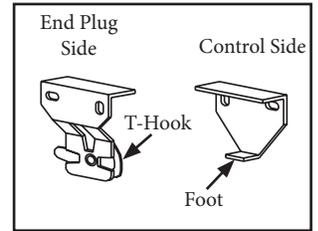
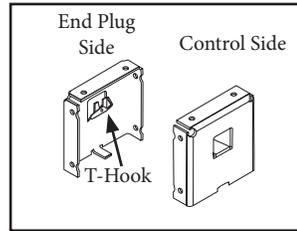


Side Mount
Minimum 2" surface height
Minimum 1 1/8" surface depth

SHADES WITH FASCIA OR NO HEAD RAIL

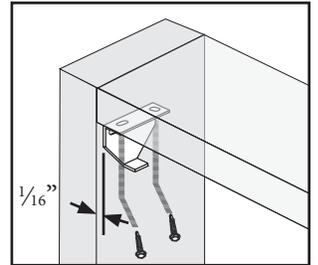
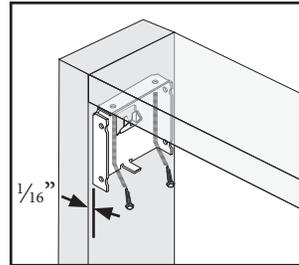
The installation brackets are always mounted so that the inner surfaces face each other.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.



INSIDE MOUNT

A deduction has been made on your inside mount shade to make sure that there is enough clearance to fit inside the window opening. In most cases the brackets will need to be placed approximately $\frac{1}{16}$ " in from the window casing. Make sure that the brackets are placed so that the shade is securely engaged with the tabs on the brackets.



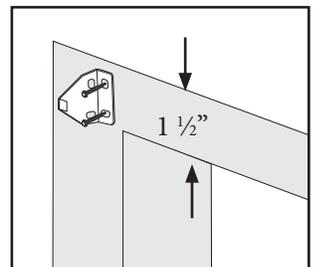
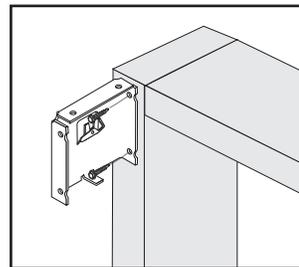
Inside Mount
Minimum $1\frac{1}{2}$ " surface

OUTSIDE MOUNT

Outside mount brackets should be installed so that the measurement from the outside of the left bracket to the outside of the right bracket is the ordered shade width plus $\frac{3}{16}$ "

Make sure the brackets are level and aligned.

Attach each bracket using two screws.



Outside Mount
Minimum $1\frac{1}{2}$ " surface

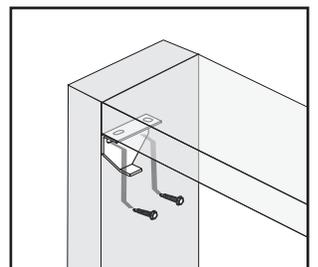
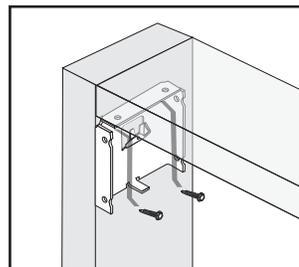
EXTENSION BRACKETS (OPTIONAL)

Optional extension roller brackets are used to provide additional clearance.

Mount in the same manner as above.

SIDE MOUNT/EXACT (OPTIONAL)

Use this method only if shade was ordered as a side mount/exact.

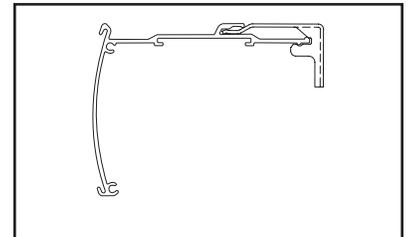
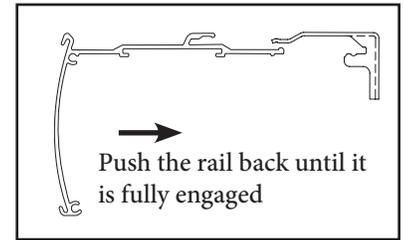


Side Mount

STEP 2: SHADE INSTALLATION

SHADES WITH HEAD RAIL

Center the shade in the window opening and push the head rail into the mounting brackets as shown.

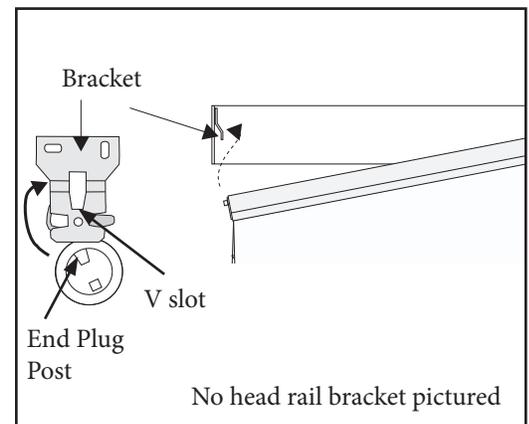


SHADES WITH FASCIA OR NO HEAD RAIL

Once the brackets are secured and level, the fabric roll can be inserted. Make sure your hands are clean to avoid soiling the fabric.

While facing the inside of the shade, be sure the clutch and roller end plug are inserted into the roller. Hold the shade with the bottom of the clutch facing the floor, and the beaded cord hanging straight down. Be sure the shade is fully rolled on the tube.

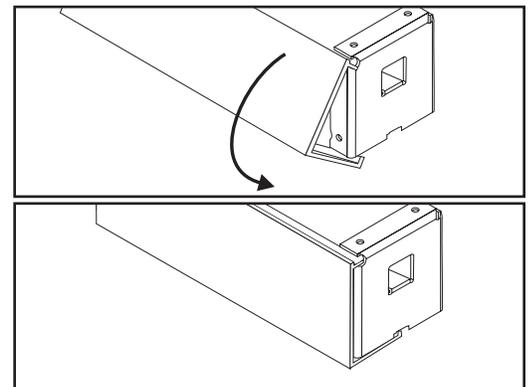
Insert the foot of the control-side bracket into the slotted center hole of the clutch. Set the post of the end plug into the V of the support bracket. Rotate the T-hook on the support bracket to lock in the post and secure the fabric roll.



STEP 3: FASCIA INSTALLATION (IF ORDERED)

Attach the fascia by first hooking the top lip of the fascia panel onto the bracket as shown.

Swing the bottom of the fascia panel towards the bracket and gently press at the bottom of the panel until the lip on the fascia engages and snaps lock to the bracket.



CHILD SAFETY - INSTALL TENSION DEVICE



WARNING

To avoid entanglement and strangulation, **keep cords out of reach of young children**. Move cribs and furniture away from shade cords.

TENSION DEVICE

The tension device reduces the hazards of strangulation and entanglement of young children by limiting access to the control cord.

The cord tensioner must be installed to make the shade fully operable.

Read the instructions in the mounting hardware packet prior to installing the tensioner.

SAFETY LABELS

In compliance with WCMA/ANSI safety standards, the warning labels on the bottom rail are designed to be permanent. **DO NOT** remove the permanent warning label on the bottom rail. This assures that future owners of this product will be aware of potential dangers associated with this shade.

OPERATION

Pulling down on the back cord will lower the shade. Pulling down on the front cord will raise the shade.

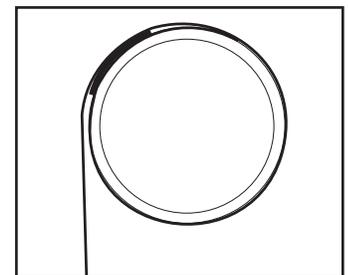
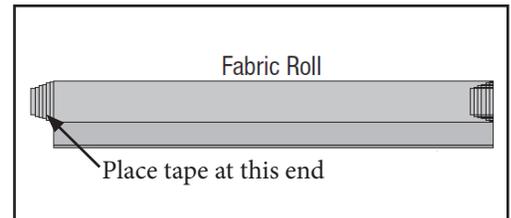
If shade was ordered as a reverse roll, the front cord will lower the shade and the back cord will raise the shade.

SKEW ADJUSTMENT (IF NECESSARY)

If the shade does not raise evenly, first make sure the mounting brackets are mounted level with each other.

If the shade is level and it still skews, operate the shade to the full down position. Prepare a strip of masking tape approximately 5" long. On the side of the shade opposite of the skewing direction, and as close to the end of the roller as possible, lift the fabric toward the back of the shade using your fingers and slide the tape with the sticky side facing the roller up as far as possible. The tape should be running parallel to the roller.

Roll the shade up and check for skewing. If the shade is still skewing, add another strip of tape on top of the first one. If the shade is now skewing in the opposite direction, tear off about 1" of tape from the last strip installed. Tear the tape off the end closest to the center of the shade.



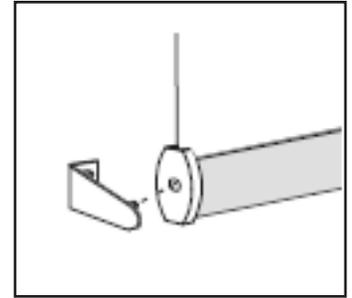
HOLD DOWN BRACKETS (OPTIONAL)

Optional hold down brackets are mounted with the supplied screws.

With the shade at its proper drop, place the pin of each hold down into the hole in each end cap and mark the screw holes.

Make sure the pins are level and aligned.

Raise the shade, then screw the hold down bracket into the mounting surface.



SHADE REMOVAL

HEAD RAIL

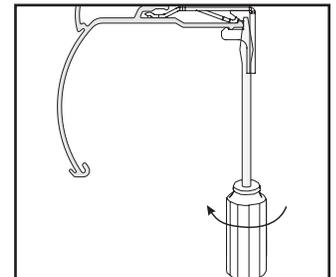
Partially lower the shade and insert a flat head screwdriver as shown.

Twist the screwdriver until the head rail disengages from the bracket.

As you release the brackets, support the head rail to keep it from falling.

FASCIA OR NO HEAD RAIL

Rotate the T-hook on the support bracket. Lift the post up and off the support bracket.



CLEANING AND CARE

The shade fabric is easy to care for. Regular dusting with a feather duster or vacuum cleaner brush is recommended. Most stains can be blotted with a damp sponge and mild detergent. Before using anything stronger than mild detergent and lukewarm water, test an unobtrusive corner of the shade. If you have any questions, call your dealer for advice.

Roller Shades

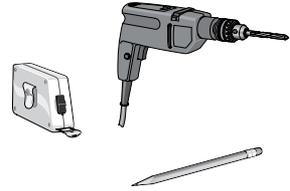
Motorized Wand



GETTING STARTED

A few simple tools are required:

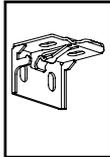
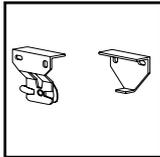
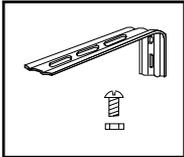
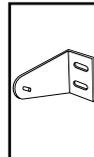
- Measuring tape
- Power drill, drill bits
- 1/4" Hex head and/or Phillips driver bit
- #2 Phillips head screwdriver
- Pencil

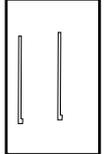
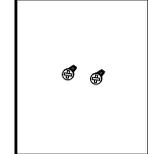


Additional fasteners other than those sent with your shade may be required depending on the mounting surface. Wallboard and plaster require the use of anchors such as expansion or toggle bolts. Brick, tile or stone need special plugs and drill bits. Remember to always pre-drill holes in wood to avoid splitting.

PN: CS5002(W or BLK)
 CS5008 (W or BLK)
 CS5529
 CS5530

Depends on size of shade

PN: CS5402		PN: 20201012	PN: CS1000	PN: CS1101
				
Mounting Bracket	Mounting Brackets for Shades without head rail	1 1/4" Hex Head Bracket Screw	Head rail Extension and Side mount Bracket (optional)	Hold Down Bracket (optional)

PN: CS2000	PN: CS5199	PN: CWV4024	PN: CS5201	PN: CS52071
				
Spacer Block (optional)	Charger	Cable Tie (for No Head Rail Shades)	Cable Tie Mounting Base (for No Head Rail Shades)	Wand Hanger Screws

STEP 1: BRACKET INSTALLATION

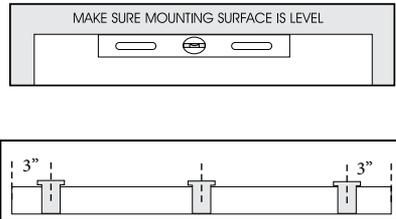
SHADES WITH HEAD RAIL

Shades are shipped with the required number of brackets for proper installation. End brackets should be located approximately 3" from either end. Depending on the width of the shade, additional brackets may be necessary, evenly spaced between the two end brackets.

Using the installation bracket as a template, measure to the center of the bracket and mark the hole locations with a pencil for drilling.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.

Shade Width	# of Brackets
Up to 40"	2
>40" - 72"	3
>72" - 84"	4
>84" - 114"	5



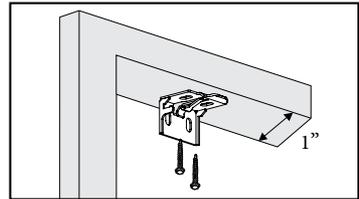
INSIDE MOUNT

The minimum mounting depth for an inside mount is 1".

A minimum of 3 3/4" is needed to fully recess the shade.

Make sure the brackets are level and aligned.

Attach using two screws.



Inside Mount

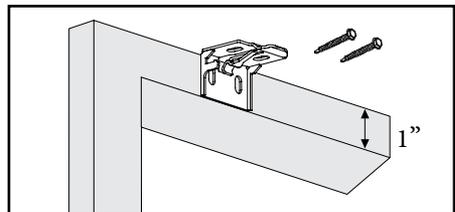
Shallow Mount - Minimum 1" surface
Flush Mount - Minimum 3 3/4" surface

OUTSIDE MOUNT

The minimum mounting height for outside mounted shades is 1".

Make sure the brackets are level and aligned.

Attach using two screws.



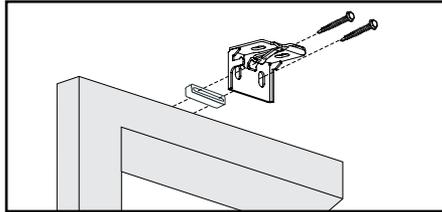
Outside Mount

Minimum 1" surface

SPACER BLOCKS (OPTIONAL)

Each spacer block projects brackets $\frac{3}{8}$ " away from mounting surface. Make sure the brackets are level and aligned.

Attach using two screws. Screws should be long enough to secure the bracket to the mounting surface.

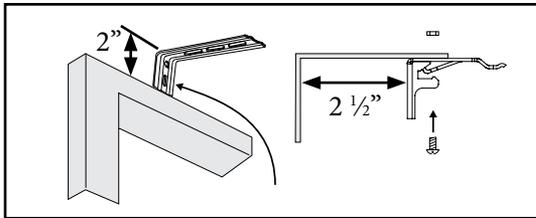


Outside Mount with Spacer Blocks

EXTENSION BRACKETS (OPTIONAL)

Optional extension brackets are used to project the back of the shade up to $2\frac{1}{2}$ " from the mounting surface.

Attach the mounting bracket to the extension bracket with the nut and bolt provided.



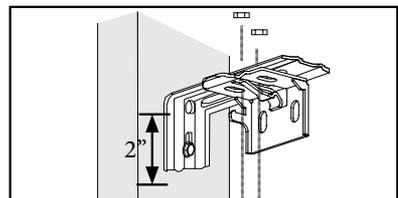
Outside Mount with Extension Brackets

Minimum 2" surface

SIDE MOUNT (OPTIONAL)

Measure from window sill up to desired mounting position on each side of the window frame. Mark position.

Mount side mount brackets on each side of window frame as shown. Make sure to confirm the head rail will sit perfectly level.



Side Mount

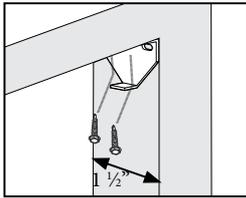
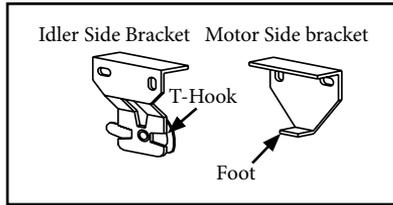
Minimum 2" surface

Once side mount brackets are installed and properly positioned, attach the mounting brackets using the nuts and bolts provided.

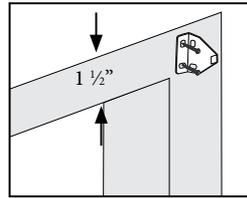
SHADES WITH NO HEAD RAIL

The installation brackets are always mounted so that the inner surfaces face each other.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.



Inside Mount
Minimum 1 1/2" surface



Outside Mount
Minimum 1 1/2" surface

STEP 2: CONNECT WAND

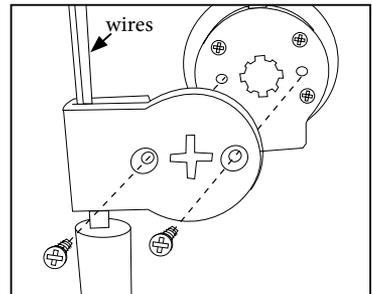
SHADES WITH HEAD RAIL

Plug the control wire into the wand wire. The plugs will only fit together one way. The wires are bundled at the back of the head rail.

SHADES WITH NO HEAD RAIL

While holding wires in the channel of the wand holder, attach the wand holder to the end of the motor with the screws provided, using a #2 phillips head screwdriver. Be sure that the wires are not twisted or pinched.

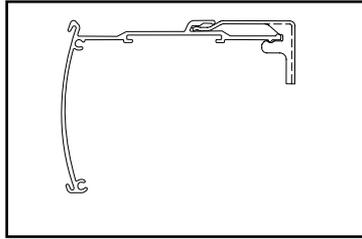
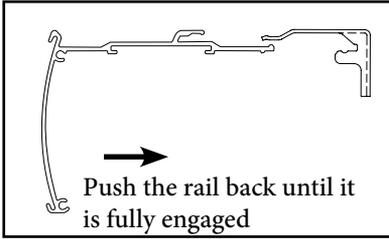
Plug the wand wires into the motor wires.



STEP 3: SHADE INSTALLATION

SHADES WITH HEAD RAIL

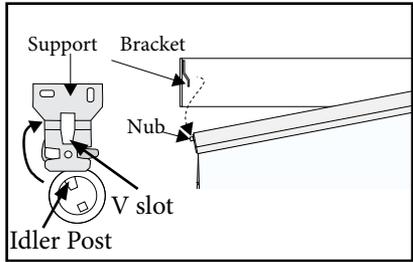
Center the shade in the window opening and push the head rail into the mounting brackets as shown.



SHADES WITH NO HEAD RAIL

Insert the foot of the motor-side bracket into the slotted center hole of the motor end of the fabric roll.

Set the post of the idler end into the V of the support bracket. Rotate the T-hook on the support bracket to lock in the post and secure the fabric roll.



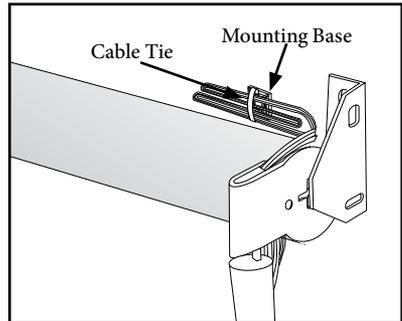
Bundle excess wire and secure with the cable tie mounting base and cable ties.

STEP 4: WIRE MANAGEMENT

Remove the release liner from the mounting base and attach it to the window casing (for inside mount) or wall (for outside mount), in a position that will be hidden from view.

Pull the wires toward the back of the shade.

Bundle the excess wire and secure it to the mounting base with the included cable tie.

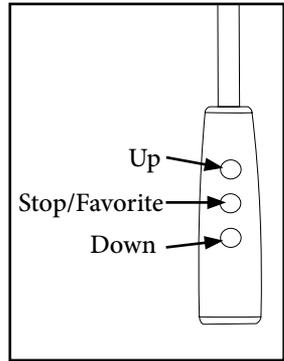


OPERATION

Press the **DOWN** or **UP** button to lower or raise the shade. Press the **STOP/FAVORITE** to stop the shade at the desired position.

To fully raise or lower the shade, simply press the **UP** or **DOWN** button and then release. The shade will automatically stop when it reaches the upper or lower limit. (**See below if the upper or lower limits are not set at the desired positions**)

Note: Upper and lower limits stops are set at the factory. An intermediate, or “favorite” position is not set at the factory. See page 7 for more information.



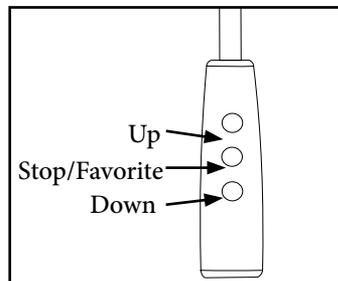
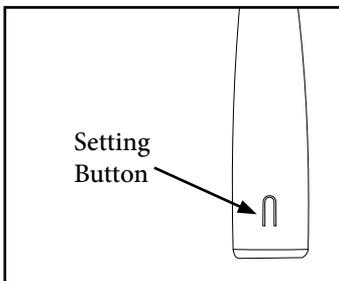
ADJUST MOTOR LIMITS (IF DESIRED)

The upper and lower limits have been set at the factory. If you need to make adjustments to the limits, follow the instructions below.

Press the **SETTING** button on the back of the wand and hold it in until the motor stops beeping. This will clear both the upper and lower factory limits as well as a favorite if one was set.

Set Upper Limit - Press the **UP** button to get the shade close to the desired upper limit and then press the **STOP** button to stop the shade. Tap the **UP** or **DOWN** button to move the shade to the desired position. To save the location, press the **SETTING** button until the motor beeps.

Set Lower Limit - Press the **DOWN** button to get the shade close to the desired lower limit and then press the **STOP** button to stop the shade. Tap the **UP** or **DOWN** button to move the shade to the desired position. To save the location, press the **SETTING** button until the motor beeps.

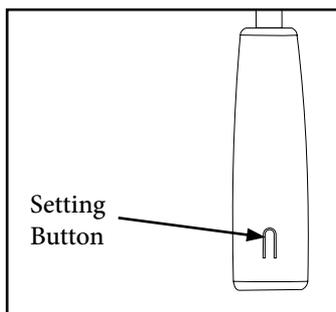


FAVORITE POSITION

SETTING AND USING A FAVORITE POSITION

Use the **UP** or **DOWN** buttons to position the shade at the desired “favorite” position. First press and hold the **SETTING** button on the back of the wand. While holding the **SETTING** button press and hold the **UP** button. Release both buttons when the shade beeps.

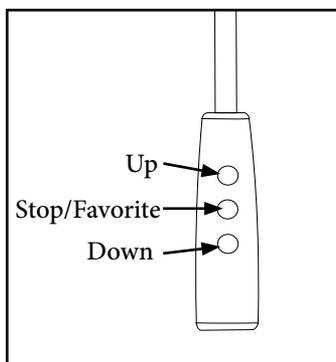
With the shade at either the upper or lower limit, simply press the **STOP/FAVORITE** button to bring the shade to the “favorite” position. To go to the “favorite” position from any other location, make sure the shade has been stopped for at least three seconds before pressing the **STOP/FAVORITE** button.



CHANGING A FAVORITE POSITION

Use the **UP** or **DOWN** buttons to position the shade at the new desired “favorite” position. First press and hold the **SETTING** button on the back of the wand. While holding the **SETTING** button press and hold the **UP** button. Release both buttons when the shade beeps.

This establishes a new “favorite” position and erases the old.



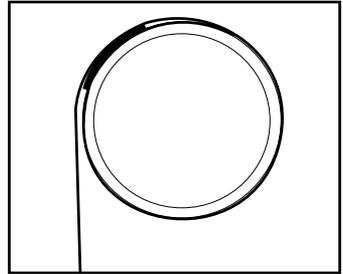
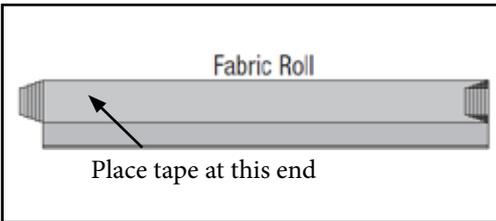
SKEW ADJUSTMENT (IF NECESSARY)

If the shade does not raise evenly, first make sure the mounting brackets are mounted level with each other.

If the shade is level and it still skews, roll the shade all the way down. Prepare a strip of masking tape approximately 5" long.

On the side of the shade opposite of the skewing direction, and as close to the end of the roller as possible, apply the tape with the sticky side facing the fabric. The tape should be placed on the back of the roller, out of sight.

Roll the shade up and check for skewing. If the shade is still skewing, add another strip of tape on top of the first one. If the shade is now skewing in the opposite direction, tear off about 1" of tape from the last strip installed.



HOLD DOWN BRACKETS (OPTIONAL)

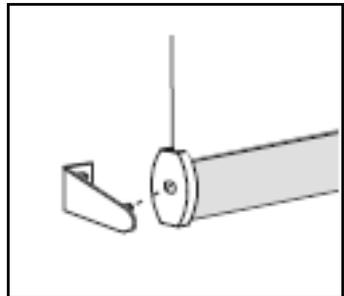
Optional hold down brackets are mounted with the supplied screws.

With the shade at its proper drop, place the pin in each end cap and mark the screw holes.

Make sure the pins are level and aligned.

Raise the shade, then screw the hold down bracket into the mounting surface.

Flex the hold downs out to reinsert the bottom rail.



CHARGING THE MOTOR BATTERY

When the shade begins to operate slower than normal, or only beeps when you attempt to operate, it is time to charge the battery.

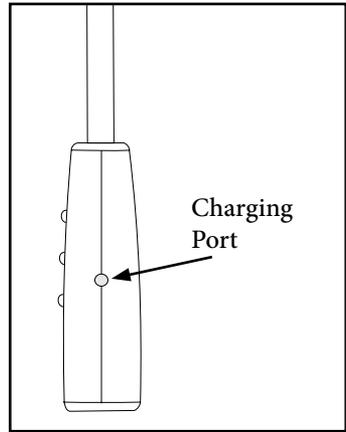
Plug the 8.4v charger into the port on the wand.

Plug the charger into an electrical outlet.

A red light on the charger indicates that the battery is charging.

Allow the batteries to charge until the light on the charger turns green. A typical charge cycle can take between 4-6 hours.

Do not leave the charger plugged in for more than 24 hours. This could prematurely age the battery.



SHADE REMOVAL

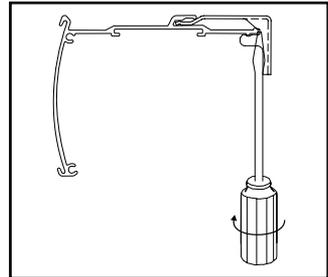
If you need to remove your shade, follow the instructions below.

Partially lower the shade and insert a flat head screwdriver as shown.

Twist the screwdriver until the head rail disengages from the bracket.

As you release the brackets, support the head rail to keep it from falling.

For no-head rail simple reverse the installation process.



CLEANING AND CARE

The Shade fabric is easy to care for. Regular dusting with a feather duster or vacuum cleaner brush is recommended. Most stains can be blotted with a damp sponge and mild detergent. Before using anything stronger than mild detergent and lukewarm water, test an unobtrusive corner of the shade. If you have any questions, call your dealer for advice.

TROUBLE SHOOTING

PROBLEM	SOLUTION
The motor does not work or runs slowly	Recharge battery.
The shade moves the opposite direction of the control buttons.	Press and hold the SETTING button, then press and hold the STOP button. Hold both until the motor jogs (approx. 10 seconds).

Roller Shades

MOTORIZED SHADE

With rechargeable motor



Installation & Care Instructions

152709I
5/1/2019

GETTING STARTED

IMPORTANT: The remote control has **not** been linked to the shades. Install all shades prior to linking the remote. The lower and upper limits have been set at the factory.

A few simple tools are required:

- Measuring tape
- Power drill, drill bits
- 1/4" Hex head and/or Phillips driver bit
- Pencil



Additional fasteners other than those sent with your shade may be required depending on the mounting surface. Wallboard and plaster require the use of anchors such as expansion or toggle bolts. Brick, tile or stone need special plugs and drill bits. Remember to always pre-drill holes in wood to avoid splitting.

PN: CS5002(W or BLK)
 CS5008 (W or BLK)
 CS5529
 CS5530

Depends on size of shade

PN: CS5402

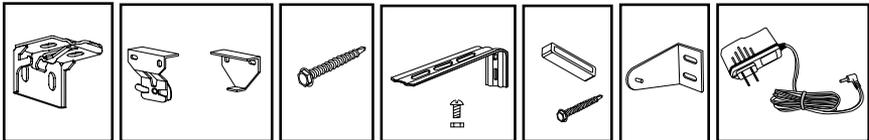
PN: 20201012

PN: CS1000

PN: CS2000

PN: CS1101

PN: CS5199



**Mounting
 Bracket**

**Mounting
 Brackets for
 Shades without
 head rail**

**1 1/4"
 Hex Head
 Bracket
 Screw**

**Head rail
 Extension
 and Sidemount
 Bracket
 (optional)**

**Spacer
 Block
 (optional)**

**Hold
 Down
 Bracket
 (optional)**

Charger

STEP 1: BRACKET INSTALLATION

Important: If a solar recharge unit is being installed, read the section on solar recharge on page 24 prior to installing mounting brackets.

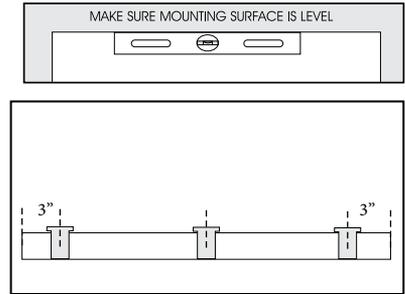
SHADES WITH HEAD RAIL

Shades are shipped with the required number of brackets for proper installation. End brackets should be located approximately 3” from either end. Depending on the width of the shade, additional brackets may be necessary, evenly spaced between the two end brackets.

Using the installation bracket as a template, measure to the edge of the bracket and mark the hole locations with a pencil for drilling.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.

Shade Width	# of Brackets
Up to 40”	2
>40” - 72”	3
>72” - 84”	4
>84” and up	5



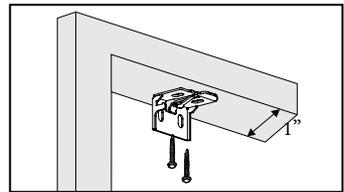
INSIDE MOUNT

The minimum mounting depth for an inside mount is 1”.

A minimum of 3 ¼” is needed to fully recess the shade.

Make sure the brackets are level and aligned.

Attach using two screws.



Inside Mount

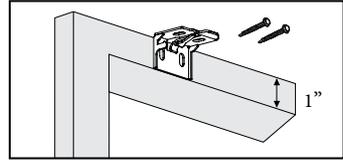
Shallow Mount - Minimum 1” surface
 Flush Mount - Minimum 3 ¼” surface

OUTSIDE MOUNT

The minimum mounting height for outside mounted shades is 1”.

Make sure the brackets are level and aligned.

Attach using two screws.



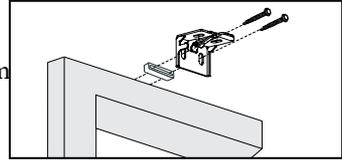
Outside Mount
Minimum 1” surface

SPACER BLOCKS (OPTIONAL)

Each spacer block projects brackets $\frac{3}{8}$ ” away from mounting surface.

Make sure the brackets are level and aligned.

Attach using two screws. Screws should be long enough to secure the bracket to the mounting surface.

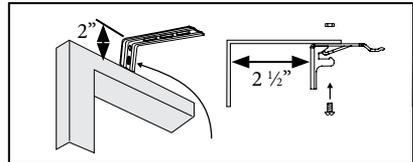


Outside Mount with Spacer Blocks

EXTENSION BRACKETS (OPTIONAL)

Optional extension brackets are used to project the back of the shade up to 2 $\frac{1}{2}$ ” from the mounting surface.

Attach the mounting bracket to the extension bracket with the nut and bolt provided.

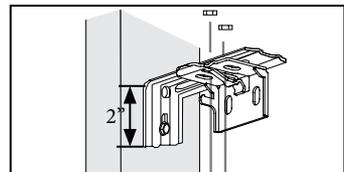


Outside Mount with Extension Brackets
Minimum 2” surface

SIDE MOUNT (OPTIONAL)

Measure from window sill up to desired mounting position on each side of the window frame. Mark position.

Mount side mount brackets on each side of window frame as shown. Make sure to confirm the head rail will sit perfectly level.



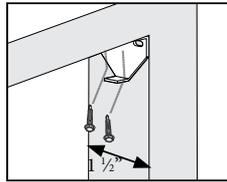
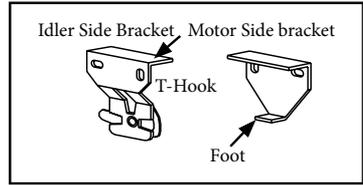
Side Mount
Minimum 2” surface

Once side mount brackets are installed and properly positioned, attach the mounting brackets using the nuts and bolts provided.

SHADES WITH NO HEAD RAIL

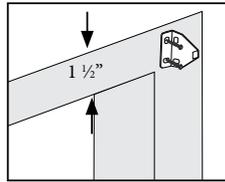
The installation brackets are always mounted so that the inner surfaces face each other.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.



Inside Mount

Minimum 1 1/2" surface



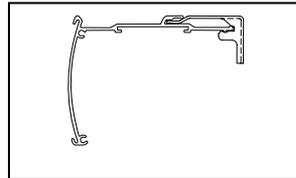
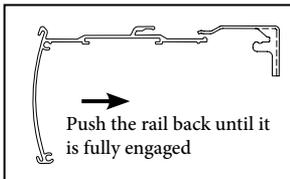
Outside Mount

Minimum 1 1/2" surface

STEP 2: SHADE INSTALLATION

SHADES WITH HEAD RAIL

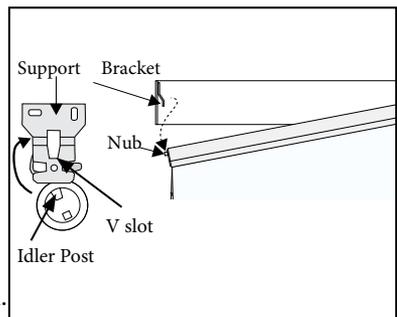
Center the shade in the window opening and push the head rail into the mounting brackets as shown.



SHADES WITH NO HEAD RAIL

Once the brackets are secured and level, the fabric roll can be inserted. Make sure your hands are clean to avoid soiling the fabric.

Insert the foot of the motor-side bracket into the slotted center hole of the motor end of the fabric roll. The wire should be positioned so that it goes up on an inside mount or back on an outside mount. This will provide easy access to the setting button.



Set the post of the idler end into the V of the support bracket. Rotate the T-hook on the support bracket to lock in the post and secure the fabric roll.

STOP!

This booklet has instructions for 3 remote styles.

Determine which remote you have before proceeding.

TEAR OUT CENTER SPREAD FOR ILLUSTRATIONS OF EACH REMOTE FOR EASY REFERENCE.

STEP 3: LINK REMOTE

5 CHANNEL REMOTE

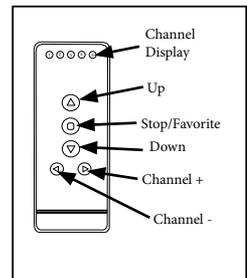
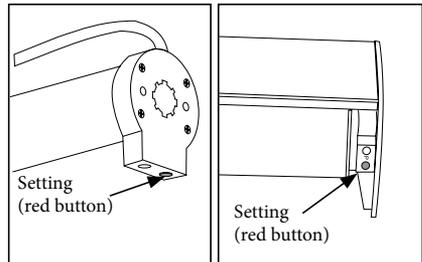
This remote control has 5 channels. Before linking the remote, determine which shade(s) you want on which channel. All shades linked to a remote will also automatically be programmed to the "ALL" channel.

It is recommended to only link one shade per channel unless it is absolutely necessary to group shades other than the "all" channel. This simplifies adjusting limits and setting favorites.

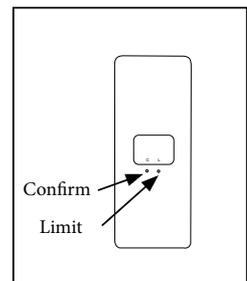
Remove plastic film from the front of the remote.

If battery is not already installed in the remote follow the instructions on page 22.

1. Select the channel that you want to program using the **CHANNEL** selector buttons.
2. Press the **SETTING** button on the motor until the shade jogs once.
3. Press and hold the **CONFIRM** button until the shade(s) jogs once. The shade is now linked to the remote.
4. Repeat steps 1-3 to program the rest of the shades/channels.



5 Channel Remote (front)



5 Channel Remote (back)

TIMER REMOTE

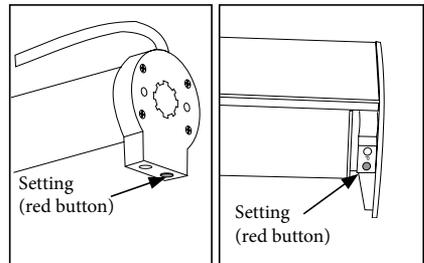
This remote control has 6 channels. Before linking the remote, determine which shade(s) you want on which channel. All shades linked to a remote will also automatically be programmed to the “ALL” channel.

It is recommended to only link one shade per channel unless it is absolutely necessary to group shades other than the “all” channel. This simplifies adjusting limits and setting favorites.

Remove plastic film from the front of the remote.

If battery is not already installed in the remote follow the instructions on page 22.

Turn the remote on by tapping any button. Then, tap the MODE button until you see “MANUAL” in the display.

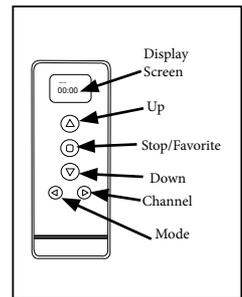


1. Select the channel that you want to program using the **CHANNEL** selector button. The button will scroll through channels in ascending order only. The remote will go back to channel 1 after all channels are displayed.

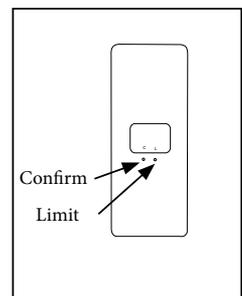
2. Press the **SETTING** button on the motor until the shade jogs once.

3. Press and hold the **CONFIRM** button until the shade(s) jogs once. The shade is now linked to the remote.

4. Repeat steps 1-3 to program the rest of the channels.



Remote (front)



Remote (back)

14 CHANNEL REMOTE

Important: Please read through this section completely before beginning.

This remote control has 14 channels. Before linking the remote, determine which shade(s) you want on which channel. All shades linked to a remote will also automatically be programmed to the “ALL” channel.

It is recommended to only link one shade per channel unless it is absolutely necessary to group shades other than the “ALL” channel. This simplifies adjusting limits and setting favorites.

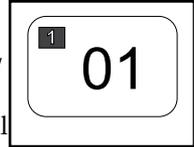
The 14 Channel remote may also be used to operate top down-bottom up cellular shades. **You can not mix a standard bottom up only shade and a TD/BU shade on the same channel.**

Remove plastic film from the front of the remote.

If battery is not already installed in the remote follow the instructions on page 22.

1. Select the channel that you want to link the shades to, using the **CHANNEL** selector button. The button will scroll through channels in ascending order only. The remote will go back to channel 1 after channel AL (all). See next page to disable unused channels.

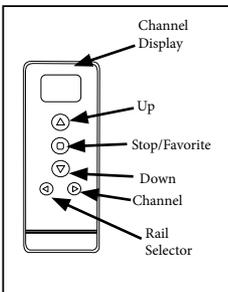
2. Confirm that the channel selected is set for bottom up only shades by looking to see if a number 1, 2 or 3 shows in the left of the display. If a number is shown, deactivate the Top Down/Bottom Up function for that channel by pressing the **RAIL SELECTOR** and **DOWN** buttons at the same time until the rail selector number disappears from the left side of the screen.



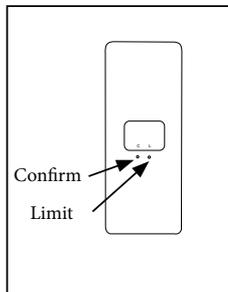
3. Press the **SETTING** button on the motor until the shade jogs once.

4. Press and hold the **CONFIRM** button until the shade(s) jogs once. The shade is now linked to the remote.

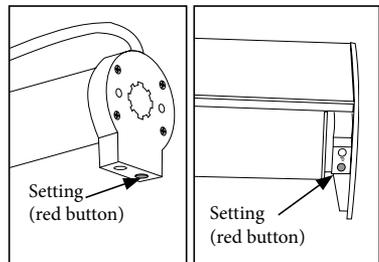
5. Repeat steps 1-5 to link remaining shades to the rest of the channels.



14 Channel Remote (front)



Remote (back)



DISABLING EXCESS CHANNELS ON 14 CHANNEL REMOTE

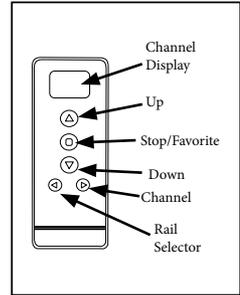
The 14 channel remote has the option of turning off unused channels, making channel selection easier.

Press and hold both UP and DOWN buttons for 3 seconds until 00 Channel displays. Release the buttons and the 00 will start to flash.

Press the UP or DOWN button to select the required number of channels (between 1-14).

Press and hold the CHANNEL and RAIL selector buttons at the same time to confirm selection. The display will go back to channel 01.

Follow the same process if you need to re-add channels.



Remote (front)

OPERATION

5 CHANNEL REMOTE

Select the desired channel with the **CHANNEL** buttons. The channel indicator light will illuminate the channel that is on. If all 5 lights are lit, the remote will control all 5 channels at once.

Tapping the **UP** or **DOWN** buttons for less than 2 seconds will move the shade in short steps. Holding the **UP** or **DOWN** buttons down for more than 2 seconds before releasing will operate the shade in the faster standard speed.

Press the **UP** or **DOWN** buttons to raise or lower the shade.

Press the **STOP** button to stop the shade anywhere along the travel.

TIMER REMOTE

Shades can be manually operated while in manual mode. Tap the **MODE** button until you see “MANUAL” in the display.

Select the desired channel with the **CHANNEL** button. The channel will show in the display screen. If all 6 channel numbers are shown, the remote will control all 6 channels at once.

Press the **UP** or **DOWN** buttons to raise or lower the shade.

Press the **STOP** button to stop the shade anywhere along the travel.

Note: The timer remote does not have fine adjustment capability (jog function).



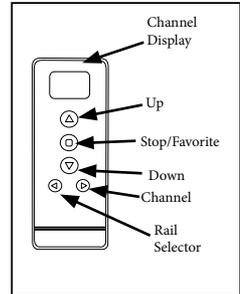
OPERATION

14 CHANNEL REMOTE

Select the desired channel with the **CHANNEL** button.

Tapping the **UP** or **DOWN** buttons for less than 2 seconds will move the shade in short steps. Holding the **UP** or **DOWN** buttons down for more than 2 seconds before releasing will operate the shade in the faster standard speed. Press the **UP** or **DOWN** buttons to raise or lower the shade.

Press the **STOP** button to stop the shade anywhere along the travel.



14 Channel Remote (front)

TO DE-ACTIVATE THE JOG FUNCTION

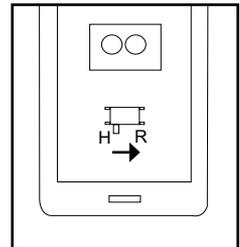
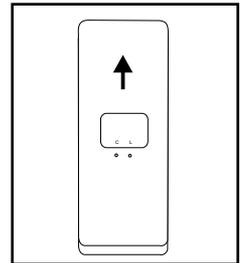
The remote comes pre-set with the jogging function activated. Follow the directions below if you would like to de-activate it.

Press down and up on the back cover to slide it approximately ¼ inch.

Carefully remove the back cover of the remote.

Slide the switch from the H position to the R position.

Replace the back cover of the remote making sure that the rubber piece that goes over the confirm and limit buttons stays in place.



ADJUST MOTOR LIMITS (IF DESIRED)

If using a timer remote, tap the **MODE** button until you see “**MANUAL**” in the display.

The lower and upper limits have been set at the factory. If you need to make adjustments to the limits, follow the instructions below.

Please Note: When clearing the factory set limits, both the upper and lower limits will need to be reset.

Use the **CHANNEL** buttons to select the channel for the shade that needs to be adjusted.

If there is only a single shade on the channel, proceed to setting limits on the next page.

If there is more than one shade on the channel, all shades will need to be unlinked. Press and release the **CONFIRM** button. Continue to press and release until the shades jog.

All shades previously linked to selected channel will now be unlinked.

Follow the steps in **STEP 3: LINK REMOTE** found on pages 5-7 to link only the shade that needs to be adjusted.

Follow the limit setting instructions on next page and then relink “turned off” shades by following the steps in **STEP 3: LINK REMOTE** found on pages 5-7.

LOWER LIMIT

Hold the **LIMIT** button until the shade starts jogging.

Use the **DOWN** button to lower the shade. Press stop when the shade is near the desired lower limit.

Use the **UP** and **DOWN** buttons to adjust the length more accurately.

Hold the **CONFIRM** button until the shade jogs. This locks in the lower limit.

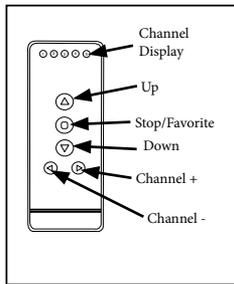
UPPER LIMIT

Use the **UP** button to raise the shade. Press stop when the shade is near the desired upper limit.

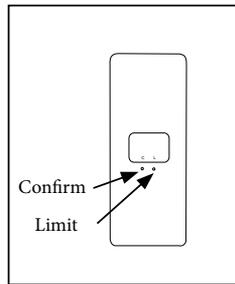
Use the **UP** and **DOWN** buttons to adjust the upper limit more accurately.

Hold the **CONFIRM** button until the shade jogs. This locks in the upper limit.

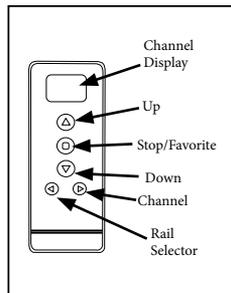
Note: If you also desire to set a favorite position you should do so prior to relinking other shades on that channel. See the next page for setting favorites.



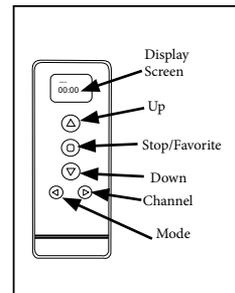
5 Channel Remote (front)



Back of all Remotes



14 Channel Remote (front)



Timer Remote (front)

FAVORITE POSITION

If there is only a single shade on the channel proceed to setting favorites below.

If there is more than one shade on the channel, all shades on that channel will need to be unlinked.

To unlink a shade, Press and release the **CONFIRM** button. Continue to press and release until the shades jog.

All shades previously linked to selected channel will now be unlinked.

Follow the steps in STEP 3: LINK REMOTE found on pages 5-7 to link only the shade that needs a favorite position set.

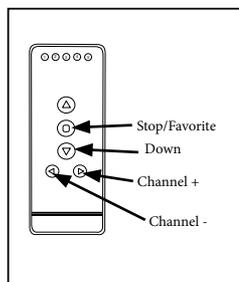
SETTING A FAVORITE POSITION

Use the **UP** or **DOWN** buttons to position the shade at the desired “favorite” position. While holding the **LIMIT** button, quickly press and hold the **UP** button. Release both buttons when the shade jogs.

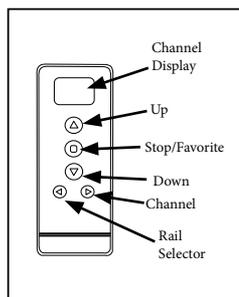
When complete, relink “turned off” shades by following the steps in section 3 LINK REMOTE found on pages 5-7.

USING A FAVORITE POSITION

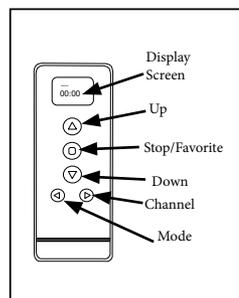
With the shade at either the upper or lower limit, simply press the **STOP/FAVORITE** button to bring the shade to the “favorite” position. To go to the “favorite” position from any other location, make sure the shade has been stopped for at least three seconds before pressing the **STOP/FAVORITE** button.



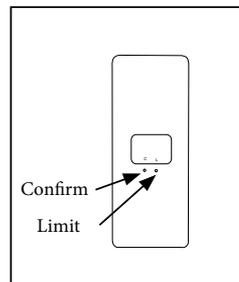
5 Channel Remote (front)



14 Channel Remote (front)



6 Channel Timer Remote (front)



Remote (back)

REMOVE THIS PAGE FOR EASY REFERENCE

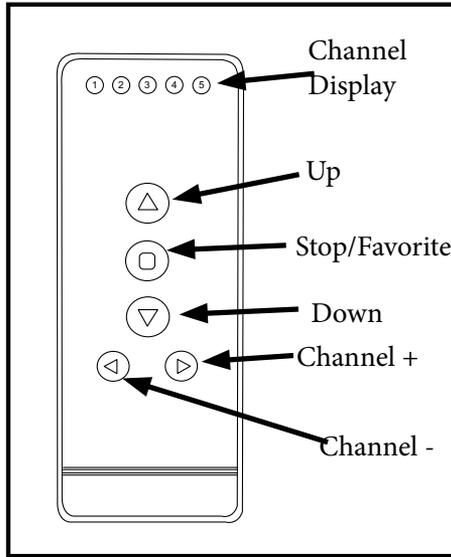
ILLUSTRATIONS OF THE FOLLOWING REMOTES:

5 CHANNEL REMOTE

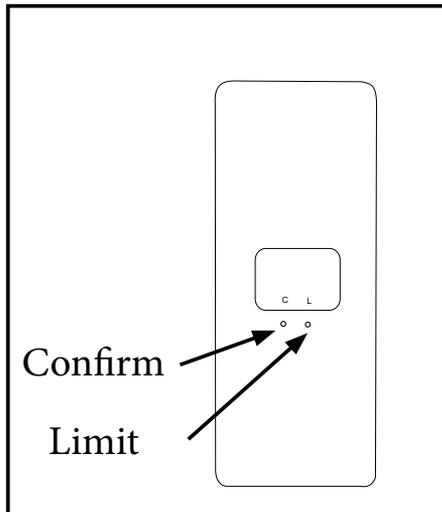
TIMER REMOTE

14 CHANNEL REMOTE

5 Channel Remote

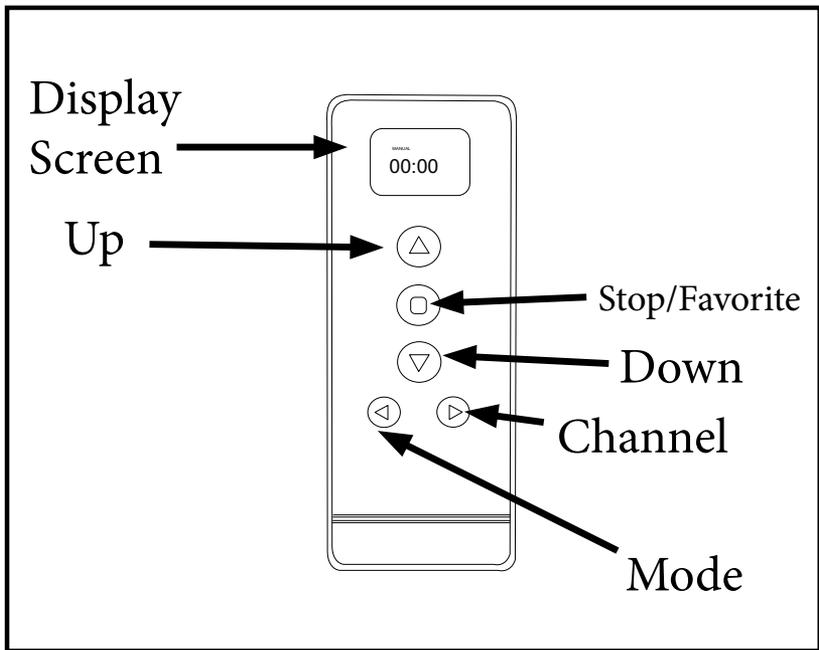


FRONT

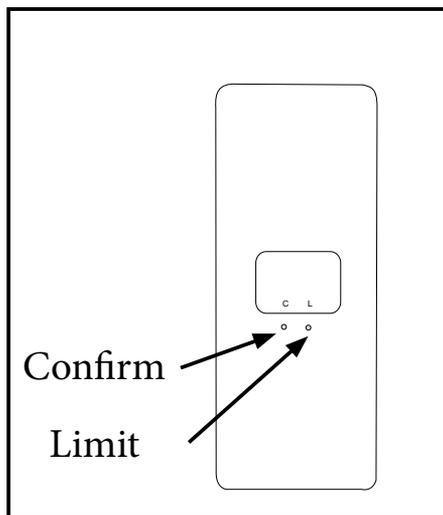


BACK

6 Channel Timer Remote

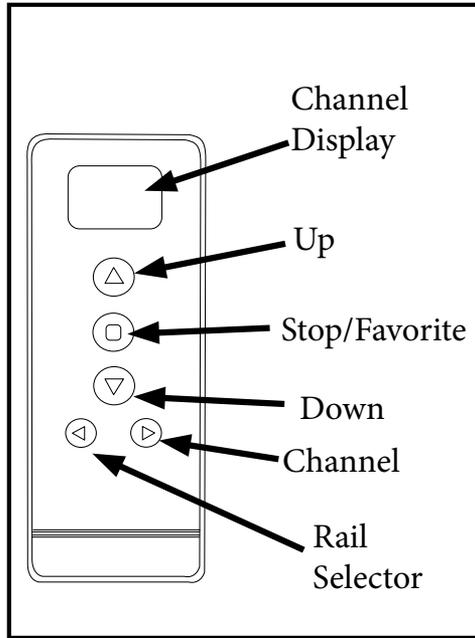


FRONT

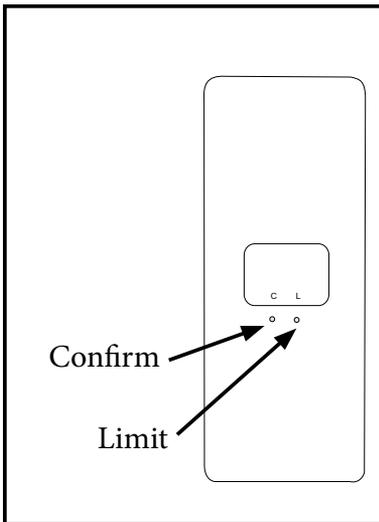


BACK

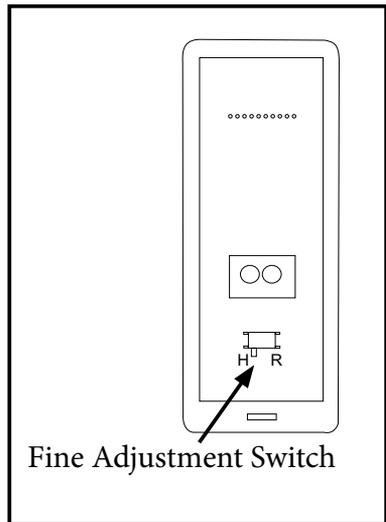
14 Channel Remote



FRONT



BACK WITH COVER



BACK WITHOUT COVER

CHANGING A FAVORITE POSITION

If there is only a single shade on the channel proceed to changing favorites below.

If there is more than one shade on the channel, all shades on that channel will need to be unlinked.

To unlink a shade, Press and release the **CONFIRM** button. Continue to press and release until the shades jog.

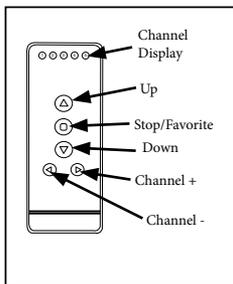
All shades previously linked to selected channel will now be unlinked.

Follow the steps in **STEP 3: LINK REMOTE** found on pages 5-7 to link only the shade that needs a favorite position set.

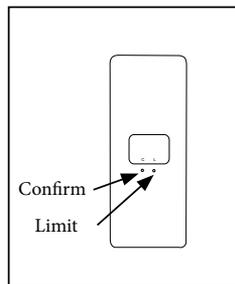
Use the **UP** or **DOWN** buttons to position the shade at the desired “favorite” position. While holding the **LIMIT** button, quickly press and hold the **UP** button. Release both buttons when the shade jogs.

To erase a “favorite” position, bring the shade to the **upper** limit. Press and hold the **LIMIT** button on the back of the remote, then press and hold the **UP** button. Release both buttons when the shade jogs.

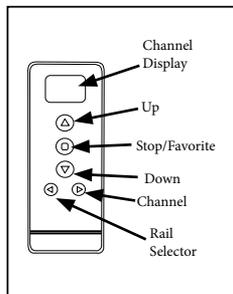
When complete, relink “turned off” shades by following the steps in section 3 **LINK REMOTE** found on pages 5-7.



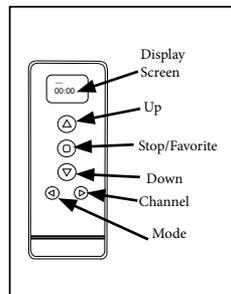
5 Channel Remote (front)



Back of all Remotes



14 Channel Remote (front)



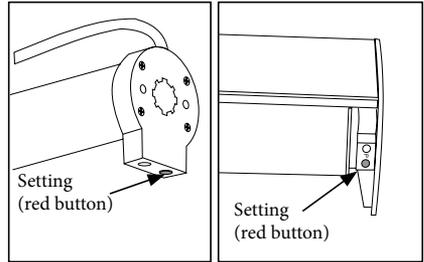
Timer Remote (front)

ADVANCED PROGRAMMING

REPLACE ORIGINAL REMOTE, ADD ADDITIONAL REMOTE OR ADD SHADE TO AN ADDITIONAL CHANNEL

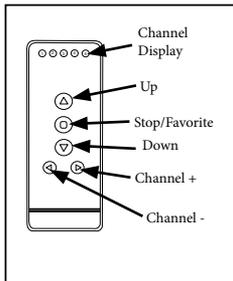
1. Select the channel that you want to program using the **CHANNEL** selector button.

2. Press the **SETTING** button on the motor until the shade jogs once.

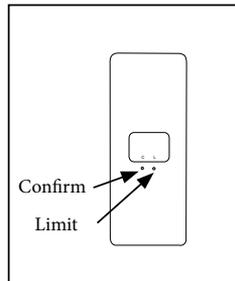


3. Press and hold the **CONFIRM** button until the shade(s) jogs once.

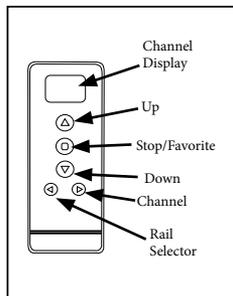
4. Repeat steps 1-3 to program the rest of the channels on a multi-channel remote.



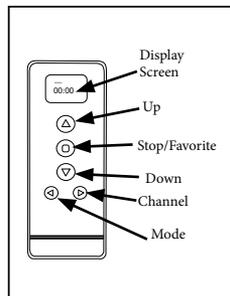
5 Channel Remote (front)



Back of all Remotes



14 Channel Remote (front)



Timer Remote (front)

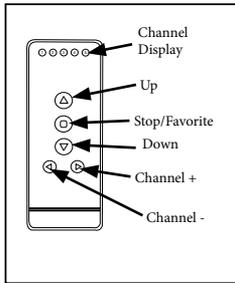
REMOVE A SHADE FROM A REMOTE OR CHANNEL AND LINK IT TO A DIFFERENT REMOTE OR CHANNEL

Press and release the **CONFIRM** button. Continue to press and release until the shades jog.

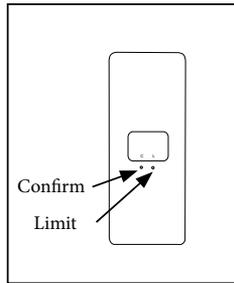
The original remote or channels have been unlinked.

Link the motor to the new remote or channel

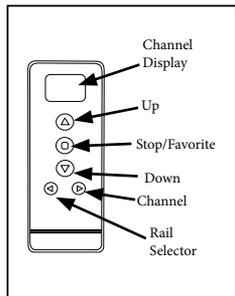
1. Follow the steps for replacing the remote on page 15.



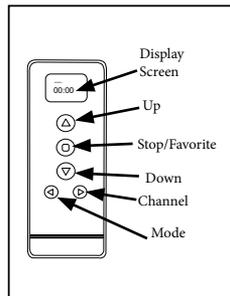
5 Channel Remote (front)



Back of all Remotes



14 Channel Remote (front)



Timer Remote (front)

PROGRAMMING TIMER REMOTE

SETTING CLOCK

Press any button to turn on the remote.

Tap the **MODE** button until you see “MANUAL” in the display.

Push and hold the **LIMIT** button. While holding the **LIMIT** button, push the **MODE** button for 3 seconds and release. The hour digits will flash.

Use the **UP** and **DOWN** buttons to set the current hour. **NOTE:** Time is in 24 hour format (military time). For example: 1:00 PM will be displayed as 13:00.

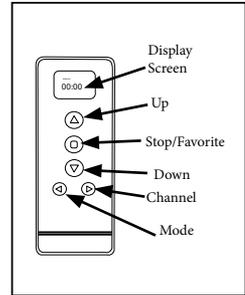
Press **CHANNEL** button to confirm hour and advance to minutes.

Use the **UP** and **DOWN** buttons to set the current minute.

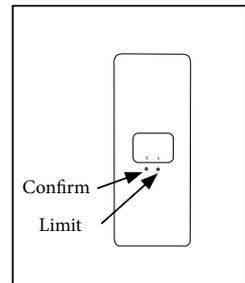
Press **CHANNEL** button to confirm minute and advance to day.

Use the **UP** and **DOWN** buttons to set the current day.

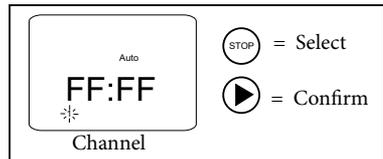
Hold the **MODE** button for 3 seconds. Display will flash and then display the current time and day.



6 Channel Timer Remote
(front)



Remote (back)



SETTING TIMER SCHEDULES

The timer remote allows up to 18 different timer schedules. Each timer schedule can be set for multiple channels and days, but only one function can happen at each time.

Press any button to turn on the remote.

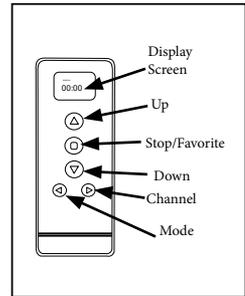
Tap the **MODE** button until you see “**AUTO**” in the display.

While holding the **LIMIT** button, push the **MODE** button for 3 seconds and release. The time will flash, then display “NO 1” and the flash “FF:FF”. If you want to set a different timer schedule press **MODE** for 1 second to scroll through the schedules (NO 1, NO 2, NO 3 etc.). Unprogrammed schedules will display FF:FF.

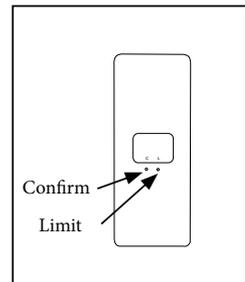
Press **STOP** button and the channel number display along the bottom of the screen will flash.

Use the **STOP** button to select the channel and move on to the next one. Use the **UP** arrow to skip a channel and the **DOWN** arrow to back up. You must press **STOP** for each channel that you want to select. If the channel is still flashing, it has not been selected.

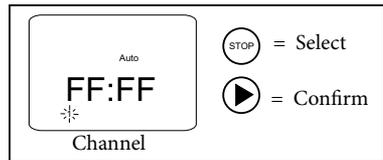
Press **CHANNEL** button to confirm channels and advance to day selection.



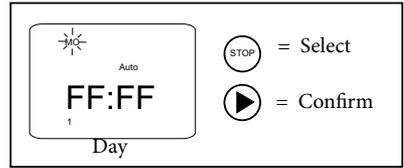
6 Channel Timer Remote
(front)



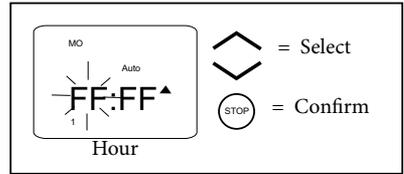
Remote (back)



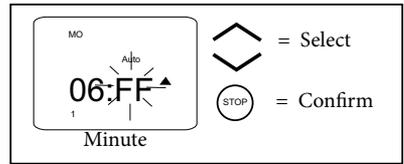
Use the **STOP** button to select the day and move on to the next one. Use the **UP** arrow to skip a day and the **DOWN** arrow to back up. You must press **STOP** for each day that you want to select. If the day is still flashing, it has not been selected.



Press **CHANNEL** button to confirm days and advance to hour selection.

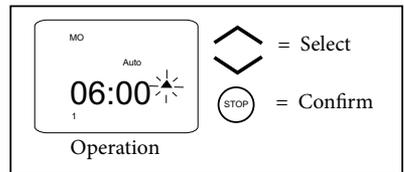


Use the **UP** and **DOWN** buttons to set the hour. **NOTE:** Time is in 24 hour format (military time). For example: 1:00 PM will be displayed as 13:00.



Press **STOP** button to confirm hour and advance to minutes.

Use the **UP** and **DOWN** buttons to set the minutes.



Press **STOP** button to confirm minutes and advance to shade operation.

Shade operation symbols are to the right of the time. Use the **UP** and **DOWN** buttons to select the operation. ▲ will raise the shade, ▼ will lower the shade, ◆ will bring the shade to the favorite position.

Press **STOP** button to confirm operation.

Push the **MODE** button for 3 seconds and release. The display will flash to confirm settings are saved and advance to the next schedule. Repeat the steps above for each desired schedule.

IMPORTANT NOTES

- **Remote must be in “AUTO” mode for the set schedules to operate.** To return to “MANUAL” mode, tap the **MODE** button.
- When remote is in Auto mode, the display will alternate between the current time/day and the time/day/channel for the next upcoming schedule.
- To disable a schedule, simply reset the scheduled time to FF:FF.

SAMPLE SCHEDULE

NO 1: CH1 & CH2, MO TU WE TH FR, 6:00, ▲

NO 2: CH1 & CH2, MO TU WE TH FR, 21:00, ▼

NO 3: CH1 & CH2, SA SU, 9:00, ▲

NO 4: CH1 & CH2, SA SU, 22:00, ▼

NO 5: CH3, MO TU WE TH FR SA SU, 10:00, ◆

NO 6: CH3, MO TU WE TH FR SA SU, 21:00, ▼

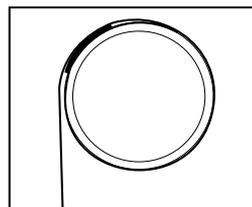
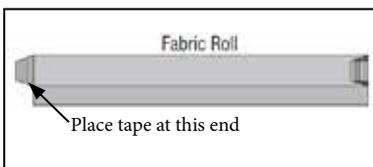
SKEW ADJUSTMENT (IF NECESSARY)

If the shade does not raise evenly, first make sure the mounting brackets are mounted level with each other.

If the shade is level and it still skews, roll the shade all the way down. Prepare a strip of masking tape approximately 5” long.

On the side of the shade opposite of the skewing direction, and as close to the end of the roller as possible, apply the tape with the sticky side facing the fabric. The tape should be placed on the back of the roller, out of sight.

Roll the shade up and check for skewing. If the shade is still skewing, add another strip of tape on top of the first one. If the shade is now skewing in the opposite direction, tear off about 1” of tape from the last strip installed.



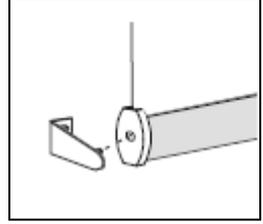
HOLD DOWN BRACKETS (OPTIONAL)

Optional hold down brackets are mounted with the supplied screws.

With the shade at its proper drop, place the pin of each hold down into the hole in each end cap and mark the screw holes.

Make sure the pins are level and aligned.

Raise the shade, then screw the hold down bracket into the mounting surface.

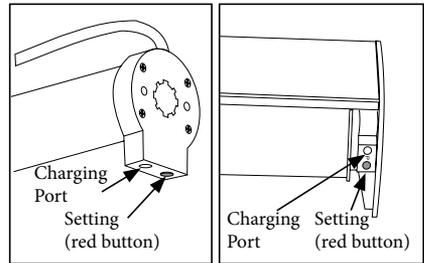


CHARGING THE MOTOR

When the shade begins to operate slower than normal it is time to charge the motor.

Plug the 8.4v charger into the port on the motor.

Plug the charger into an electrical outlet.



A red light on the charger indicates that the battery is charging.

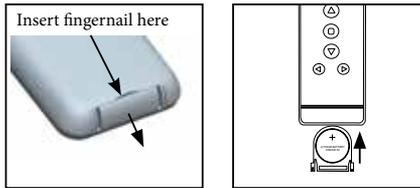
Allow the batteries to charge until the light on the charger turns green. A typical charge cycle can take between 4-6 hours.

Do not leave the charger plugged in for more than 24 hours. This could prematurely age the battery.

REPLACING THE BATTERY IN THE REMOTE

Remove the battery tray from the remote by inserting a fingernail into the indentation on the back of the remote. To avoid the battery falling out of the remote, remove the tray while the remote is face up.

Insert the new battery (CR2430 lithium) into the battery tray so that the writing is facing up (positive up) when the remote is face up. Slide the tray back into the remote.

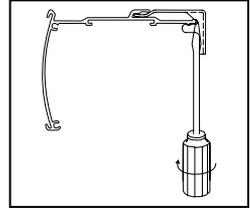


SHADE REMOVAL

If you need to remove your shade, follow the instructions below.

Partially lower the shade and insert a flat head screwdriver as shown.

Twist the screwdriver until the head rail disengages from the bracket.



As you release the brackets, support the head rail to keep it from falling.

CLEANING AND CARE

The shade fabric is easy to care for. Regular dusting with a feather duster or vacuum cleaner brush is recommended. Most stains can be blotted with a damp sponge and mild detergent. Before using anything stronger than mild detergent and lukewarm water, test an unobtrusive corner of the shade. If you have any questions, call your dealer for advice.

TROUBLESHOOTING

PROBLEM	SOLUTION
The motor does not work or runs slow	Recharge motor
The motor continues to run in one direction	The limit setting was unsuccessful and needs to be reset
The indicator light on the remote does not shine or the remote-controlling range becomes shorter	Replace the battery in the remote (CR2430)

SOLAR RECHARGE UNIT (OPTIONAL)

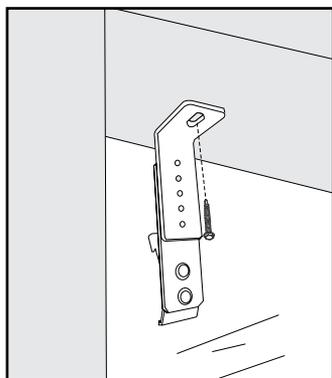
DETERMINE SOLAR RECHARGE UNIT PLACEMENT

The solar recharge unit should be placed where it gets the maximum amount of sunlight per day. **In most cases this can be achieved by mounting the unit directly to the glass with double sided tape.**

Brackets are provided if attaching to the glass is not possible.

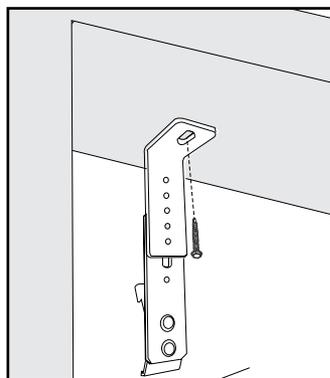
The brackets may be mounted several different ways depending on the application (window depth, window width, etc.).

The unit requires 19" minimum window width to mount horizontally.



Inside Mount

Bracket can be mounted behind or next to shade mounting bracket.

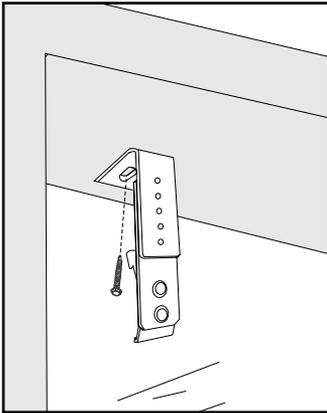


Inside Mount Extended

Bottom portion of the bracket may be lowered if needed for more sun exposure.

Bracket can be mounted behind or next to shade mounting bracket.

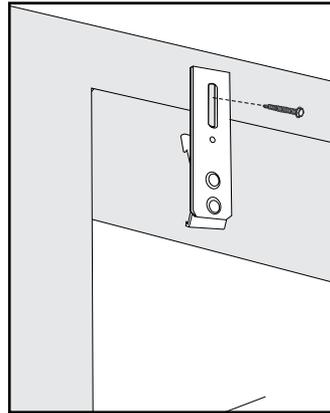
Note: only two of the holes are threaded.



Inside Mount with Top Reversed

The top portion of the bracket may be reversed if necessary depending on space.

Bracket can be mounted behind or next to shade mounting bracket.



Outside Mount

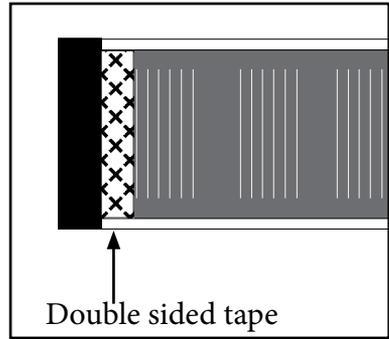
This method will provide the least amount of sun exposure. Bracket can be mounted next to shade mounting bracket.

INSTALL SOLAR RECHARGE UNIT

Tape Method

Cut the tape (part # MI051045) to fit inside the white border as shown. Clean the ends of the solar panel where the tape will go with rubbing alcohol. When dry, remove the release liner from one side of the double sided tape and adhere them to face of the panel. Make sure to put the tape on the face (black side) of the panel.

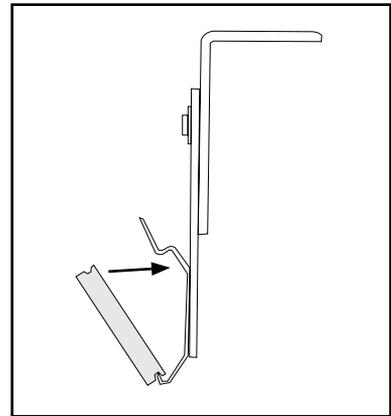
Clean the window surface with rubbing alcohol. When dry, remove the release liners and attach the solar panel to the glass, pressing firmly to adhere.



Bracket Method

If using brackets, set the bottom groove of the unit onto the bottom bracket hook. Then press the top of the unit until it snaps into place.

If space is limited it may be easier to attach the brackets to the solar unit before screwing the brackets in place.



CONNECT SOLAR RECHARGE UNIT TO MOTOR

After the shade is installed, plug the solar unit into the motor recharge port.

