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Radio Frequency FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and

 $\langle 2 \rangle$ This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- · Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- · Consult the dealer or an experienced radio/TV technician for help.

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

Industry Canada

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

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

Class B Digital Device Notice

This Class B digital apparatus complies with Canadian ICES-003, RSS-Gen and RSS-210.

Product View



GETTING STARTED

Thank you for purchasing LEVOLOR[®] Sheer Shadings. With proper installation, operation, and care, your new shadings will provide years of beauty and performance. Please thoroughly review this instruction booklet before beginning the installation. For information regarding operation and programming, refer to the guide included with your remote control.

Tools and Fasteners Needed

- Flat and Phillips head screwdrivers
- Measuring tape and pencil
- Power drill, ³/₃₂" drill bit, and ¹/₄" hex driver

- Level (laser level is recommended)
- Pliers and/or Scissors (heavy-duty)

In addition, you will need fasteners designed to work with your specific mounting surface(s).

- **#6 Hex Head Screws (Provided).** Two 1¹/2" screws are provided per installation bracket.
- Longer #6 Hex Head Screws (Not Provided). If using spacer blocks, use #6 screws long enough for a secure attachment.
- **Speed Nuts and Screws (Provided).** Extension brackets come with screws and speed nuts.
- **Drywall Anchors (Not Provided)**. Use drywall anchors when mounting into drywall.





Longer #6 Hex Head Screw for Use with Spacer Blocks (Not Provided)



Importance of Limit Stops on Window Shadings

Limit stops serve as the upper travel limit for the bottom rail, preventing it from rotating around the fabric roll. Limit stops are located 6" from the ends of the headrail or are centered on shadings less than 36" wide.

When a shading is made, the limit stops are adjusted according to the size of the fabric roll. Occasionally, this adjustment changes during shipping or installation. If this happens, problems can be fixed by readjusting the limit stops. See page 16 in the Troubleshooting section if shading operation is difficult or if the bottom rail rotates around the fabric roll. Shown below are the four possible positions of limit stops for large to small fabric rolls.



Installation Overview

- Your order will include the correct number of installation brackets for your shading width, as shown in the table below.
- Shading orders may also include spacer blocks or extension brackets, if they were specified for added clearance.
 - Extension brackets are used for side mount shadings, as well.



Mounting Types and Window Terminology

If the installation brackets are mounted correctly, the rest of the installation process follows easily. To prepare for this important first step, review the mounting types and basic window terminology illustrated below.



Shim- A thin strip of material used to align parts to make them fit.

- Refer to the appropriate page below based on your order:
 - Inside Mount
 Page 6
 Outside Mount
 Page 7
 Side Mount
 Page 9

INSTALLATION



CAUTION: Failure to follow ALL installation instructions may cause the shading to fall, possibly resulting in injury or property damage.

INSIDE MOUNT

Prepare the Installation Brackets

If using the standard battery pack:

Top______ Tab Bottom______ Tab

Use pliers or heavy-duty scissors to remove BOTH the top and bottom tabs on the installation bracket to ensure there is clearance for the battery pack.

NOTE: Save these tabs once removed. They may be used as shims, if necessary.

Mount the Installation Brackets

- Measure and mark 2" to 3" in from each jamb for bracket location.
 - If more than two installation brackets come with your order, space additional bracket(s) evenly between the two end brackets and mark their location. Mount into wood whenever possible. Allow a minimum of 18" from the motor side of the headrail, and 15" between installation brackets to accommodate the standard battery pack. See page 11 for standard battery pack installation.





• Center the brackets on your marks, then mark the screw hole locations.

- Refer to the chart below for mounting depth requirements.

Mounting Depth	Minimum	Fully Recessed
Standard Battery Pack	2"	4"
Satellite Battery Pack	1 ¹ /4"	3 ¹ /2"



Use the rear set of holes with shallow mounting depths.
 Use the front set of holes when depth permits.

IMPORTANT: The front edges of the installation brackets must be level and aligned to each other.

CAUTION: Failure to properly align the brackets could result in the headrail releasing from the brackets causing the shading to fall, possibly resulting in injury or property damage.

• Drill the screw holes using a $^{3}/_{32}$ " drill bit.

IMPORTANT: Use drywall anchors when mounting into drywall.

- Use a level to check that the mounting surface is level. Shim the brackets, if necessary. (Use the top tab that was removed from the brackets.)
- Attach the installation brackets using the screws provided.

IMPORTANT: Do not overtighten the screws. Check to ensure the lever can be moved easily side to side. If not, loosen the screws in one-eighth turn increments until the lever can be moved easily.

IMPORTANT: The front edges of the installation brackets must be level and aligned to each other.

 If using spacer block(s), stack spacer block(s) on top of the installation brackets. Using #6 Hex Head Screws, long enough for secure installation (not provided), install

screws up through the underside of the installation bracket and spacer block(s) into mounting surface. Use the front set of bracket holes when depth permits.

IMPORTANT: Do NOT add more than 1 ½". of clearance using the spacer blocks.

Proceed to "Install Batteries/Connect to Power Source" on page 10.

OUTSIDE MOUNT Prepare the Installation Brackets

• Use pliers or heavy duty scissors to remove BOTH the top and bottom tabs on the installation brackets.

NOTE: Save these tabs once removed. They may be used as shims, if necessary.

Mount the Installation Brackets

- Center the headrail over the window opening at the desired height. Use a pencil to lightly mark each end of the headrail.
 - Alternatively, measure the width of the headrail and use that width to mark the headrail end points over the window opening.
- Mark 2" to 3" from each end of the headrail.
 - If more than two installation brackets came with your order, space additional bracket(s) evenly between the two end brackets and mark their location. Mount into wood whenever possible. Allow a minimum of 18" from the motor side of the headrail, and 15" between installation brackets to accommodate the standard battery pack. See page 11 for standard battery pack installation.



Spacer

Blocks 1 ¹/₂" Maximum







- Center the installation brackets or extension brackets on your marks and mark where to drill the screw holes.
 - A minimum $1^{1}\!/_{8}$ " flat vertical surface is required for the installation brackets. Extension brackets require $1^{1}\!/_{4}$ "
 - The tops of the installation brackets or extension brackets should be at the desired height. The brackets should be level and aligned.

IMPORTANT: The rear of the brackets must be flush against a flat mounting surface. Do NOT mount brackets on curved molding.



• Drill the screw holes using a 3/32" drill bit.

IMPORTANT: Use drywall anchors when mounting into drywall.

• Attach the installation or extension brackets using the screws provided.

IMPORTANT: The tops of the installation brackets or extension brackets must be level with their front edges aligned.

IMPORTANT: If using the standard battery pack, use a minimum of ³/₄" spacer block(s) per installation bracket to provide the clearance required for the battery pack and battery pack bracket.





INSTALLATION

11/2

Maximun

Spacer Blocks

Top

Tab

 If using spacer block(s): stack spacer block(s) on the backside of the installation brackets. Using #6 Hex Head Screws long enough for secure installation (not provided), install screws through the installation bracket and spacer block(s) into mounting surface.

IMPORTANT: Do not add more than $1\frac{1}{2}$ " of clearance using spacer blocks.

IMPORTANT: The tops of the installation brackets must be level with the front edges aligned.

IMPORTANT: Use drywall anchors when mounting into drywall.

• If using extension brackets, attach an installation bracket to the underside of each extension bracket using the speed nuts and screws provided

Proceed to "Install Batteries/Connect to Power Source" on page 10.

SIDE MOUNT Prepare the Installation Brackets

Side mount the headrail when conventional mounting Tab techniques will not work — for example, in an arched window opening.

USE pliers or heavy-duty scissors to remove BOTH the top and bottom tabs on the installation bracket.

- Mount the extension brackets on a surface at least $1\,{}^{1}\!/_{4}$ " wide.
- Attach the installation brackets to the extension brackets using the provided screws and speed nuts.
 Allow a minimum of 18" from the motor side of the headrail and 15" between installation brackets to accommodate the standard battery pack. See page 11 for standard battery pack installation.

IMPORTANT: When securing side mounted shadings into a surface other than a secure wall stud, use medium to heavy-duty wall anchors (not provided). Match anchors to the wall thickness. Failure to mount the brackets securely may result in injury or property damage.

NOTE: Spacer blocks cannot be used with side mount installations.

Proceed to "Install Batteries/Connect to Power Source" on page 10.







INSTALLATION

Install Batteries/Connect the Power Source Install the Batteries into the Battery Pack

- Squeeze the cap latch to release the cap.
- Remove the cap from the battery pack.
- Install the batteries according to the instructions on the battery pack label.
 - AA alkaline batteries are recommended for use with battery-powered shadings.



These will provide approximately one year of operation, depending on usage. Lithium and rechargeable batteries are NOT recommended.

- Replace the cap.
 - Align the tab with the end of the pack.
 - Press the cap on until it latches.

Install Standard Battery Pack Clips

If using satellite battery pack see "Mounting a satellite battery pack" on page 11.

- The standard battery pack needs to be installed on the motor sided of headrail.
- To ensure the battery pack fits properly leave a minimum of 15" between the inside area of the two installation brackets that are closest to the motor side of the headrail.



• Measure the correct battery pack clip location prior to installation. Make sure that the battery clips will not interfere with mounting brackets.

NOTE: It is difficult to adjust or remove clips once they have been snapped into the headrail.

- Firmly push the battery pack clips, one at a time, into the headrail until it clicks.
- Carefully pull on each battery pack clip to ensure it is installed securely.
- The clips can be slightly adjusted by gently tapping on the side of the clip adjusting it to desired position on headrail.

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INSTALLATION

Install Standard Battery Pack

Mount the Standard Battery Pack into the Battery Pack Clips

- Place the battery pack with its socket toward the motor end of the shading.
- Push the battery pack straight up into the battery pack clips until it snaps into place. Check to make sure the battery pack is secure.

IMPORTANT: Be sure the cables do not become pinched by the battery pack clips during installation. Damage or overheating of components could result.

Plug the Power Cable into the Battery Pack

- From the back of the shading headrail, connect the power cable (from the motor side) into the socket on the battery pack.
- Secure the power cord using wire retainer provided.

Mounting Satellite Battery Pack

- Decide where you want to mount the wall mount bracket. A satellite battery pack may be mounted in any orientation.
- Mark the screw holes.
- Drill the screw holes using a $^{3}\!\!/_{32}\!''$ drill bit.
- Remove the backing from the double-sided tape. Press the bracket into place.
- Attach the bracket using the screws provided.
- Position the battery pack so the power cable is easily connected to the socket.
- Snap the battery pack into the bracket.
- Replace the cover with the slot aligned to the socket in the battery pack.
- Plug the power cable from the shading into the extension cable.
- Plug the other end of the extension cable into the socket in the battery pack.
- Secure the extension cable using wire retainers(not provided)



WARNING: Make sure all extension cables are secured. Young children can STRANGLE in cords. They can also wrap cords around their necks and STRANGLE. Electrical shock and/or a fire hazard may occur, if not properly installed.

IMPORTANT: If hiding the cable behind the shade make sure it does not impede the operation of the shade.







INSTALLATION

Install the Shading

IMPORTANT: Take care when handling wires attached to the motor cartridge.

- Position the shading so that the front (colored fabric) faces you.
- Slide the headrail into the installation brackets so the edge of the headrail is between the lever and the bracket, as shown.
- Firmly push the headrail into each bracket until it clicks and the lever snaps to the right side of the bracket.

IMPORTANT: Carefully pull on the headrail at each bracket to ensure it is installed securely.

Attach the Magnetic Hold-Down Brackets (Optional)

- · Lower the shading keeping the vanes closed.
- Place the magnetic hold-down bracket onto the bottom rail just inside the end cap, oriented as shown.
- Hold the bracket while opening and closing the vanes (it may be necessary to have someone else assist you). Adjust the bracket to the best overall position.
- Mark the screw location using the mounting options shown below.
 - The screw should be placed in the middle of the channel. This will allow for adjustment.
- Drill the screw holes using a $^{3}/_{32}$ " drill bit.

IMPORTANT: Use drywall anchors when mounting into drywall.

- Attach the hold-down brackets to the mounting surface using the screws provided.
- If necessary, adjust bracket height by loosening the screw and sliding the bracket up or down.







Outside Mount







Alternate

Inside Mount



Preferred



Alternate

Operate the Shading

Test the Shading Using the Manual Control Button

Testing the shading with the manual control button will allow you to ensure that the motor and power source are working correctly.

- Press the manual control button on the bottom of the motor side end cap to test operation. If the shading does not operate, see "Troubleshooting" on page 15.
 - -Press the button to alternately lower, stop, and raise the shading.

CAUTION: When raising the shading for the first

time, observe how the fabric rolls up into the headrail. It should roll up evenly. If the bottom rail is not level or the shading starts to rub against either window jamb,

immediately press the manual control button to stop the shading. See "Adjust the Bottom Rail Weight" on page 18.

Further Operation and Programming Information

Remote Operation

For information regarding operation and programming of the remote control, refer to your **Remote Control Guide**.



Manual Control Button



OPERATION

Reset Window Covering

Reset Programming

This reset erases all programming stored in the window covering, including GROUP assignments, preventing any remote from operating the window covering. Its primary use is during installation to correct GROUP assignments.

NOTE: This reset does not affect travel limits.

- 1. Press and hold the manual control button for a total of 12+ seconds. The window covering will move slightly once after 6 seconds, then again after 12 seconds.
- 2. Release the manual control button.
- 3. Refer to "Join a window covering to a GROUP" in your Remote Control Guide to program the window covering to a group

Reset Limits

- 1. Press and hold the manual control button for 6+ seconds. The shading moves slightly up and down once to indicate that it has been reset.
- 2. Release the manual control button.
- 3. The shade will now move on its own to set both the top and bottom motor limits. Once this process is done, the shading will move briefly in both directions.

Problem	The shading will not fit into the installation brackets.
Solution	Check that the installation brackets are level and aligned. Adjust and/or shim to level, if necessary.
	Be sure the heads of the mounting screws are flush against the installation bracket.
	Make sure that the shading fabric is not caught between the installation bracket and the headrail.
	Check that the headrail is completely inserted into the installation brackets. See "Install the Shading" on page 12.
Problem	The shading is not responding to the manual control button.
Solution	Check that the batteries in the battery pack or satellite battery pack are correctly inserted and are fresh.
	Check that the battery pack, satellite battery pack is securely connected to the power cable and the cables are not pinched or caught in the headrail or installation brackets.
	See the Remote Control Guide for operating or programming troubleshooting solutions.
Problem	The shading is not responding to the remote.
Solution	Check that the batteries in the remote and battery pack are correctly inserted and are fresh.
	Check that the battery and battery pack are securely connected to the power cable and the cables are not pinched or caught in the headrail or installation brackets.
	See the Remote Control Guide for operating or programming troubleshooting solutions.

OPERATION

Problem	The vanes do not open when the shading is first operated.		
Solution	Make sure the shading is completely lowered. Open and close the shading several times to help open the vanes. If necessary, gently pull down on the bottom rail.		
Problem	The shading is hard to raise or lower, or the bottom rail does not stop at the top limit.		
Solution	Check the adjustment position of both limit stops. The top illustration shows the correct adjustment. The limit stop catches the bottom rail, and the bottom of the limit stop is slightly above or barely touching the fabric roll. In the second illustration, the limit stop adjustment is too tight. The fabric may not drop freely and could even be damaged when the shading is raised. To correct this, the limit stop should be adjusted one step up. Simply pull back on the rear of the limit stop to adjust its position.		
	In the bottom illustration, the adjustment is too loose. The bottom rail can slip under the limit stop. If the bottom rail rotates through the headrail, it must be backed out before adjusting the limit stop. IMPORTANT: Both limit stops must be adjusted to the same position or else skewing may occur.		

Problem	The bottom rail does not raise or lower completely, or its location when fully lowered has changed over time.
Solution	The batteries may be low in the battery pack or satellite battery pack. Replace the batteries.
	Check that the battery pack or satellite battery pack is securely connected to the power cable and the cables are not pinched or caught in the headrail or installation brackets.
	Check that there is clearance between the ends of the shading and the window casement on inside mounts.
	Check if the fabric rolls up evenly into the headrail. If not, see "Adjust the Bottom Rail Weight" on page 18.
	Reset the stop positions. See "Resetting the Shading" on page 14.
	See the Remote Control Guide for operating or programming troubleshooting solutions.
Problem	Adjacent shadings do not roll up evenly.
Solution	It is considered normal if the roll-up on both shadings is within ⁵ /16" of each other. If one shading rolls up tighter than another, lower and raise both shadings several times.
	Reset the shading. See "Resetting the Shading" on page 14.
	Check that the shading fabric is not catching on any brackets or components.
	Check that the fabric winds evenly and does not rub against the headrail. If uneven, see "Adjust the Bottom Rail Weight" on page 18.
	For a more exact roll-up, use the intermediate stop feature to set a specific height. See the Remote Control Guide for operating or programming troubleshooting solutions.

OPERATION

Problem	The shading raises or end of the headrail, or	lowers unevenly, the f the bottom rail is une	abric rubs against one even when fully raised.
Solution	Check that the window is square by measuring the diagonals. Check that the installation brackets are level. Shim to level, if necessary.		uring the diagonals. vel. Shim to level,
	 Adjust the bottom a Adjusting the Botto Release the weight a flat blade screwda clip and turning cloped 	m Rail Weight clips by inserting river into the weight ockwise.	
	Weight Clip	Bottom Rail Weight	Weight Clip
	Move the weight in fabric is gathering.	1" increments toward Fabric Roll	the side where the Gathered
	Secure the weight of after making the action of the secure of the s	clips in position by turn djustment.	Move Weight —>>
		ary, aujust again.	

Problem	The vanes do not close fully when the shading stops in the lowest position.
Solution	The shading should be programmed to stop in its lowest position with the vanes closed. A small distance between the front and back fabric facings in the fully closed position is normal.
	• If this distance is excessive or moves over time, open the shading to its full "vane open" position and try again. If this does not correct the problem, reset the bottom limit. See "Resetting the Shading" on page 14.
	• See the Remote Control Guide for operating or programming troubleshooting solutions.
Problem	The shading raises from the sill when the vanes are closed.
Solution	A small gap between the sill and the bottom of the shading is normal in the fully lowered "vane closed" position. The gap is necessary to allow for the unimpeded movement of the bottom rail.
	• If this gap is excessive or moves over time, open the shading to its full "vane open" position and try again. If this does not correct the problem, reset the bottom limit. See "Resetting the Shading" on page 14.
	See the Remote Control Guide for operating or programming troubleshooting solutions.
Problem	The front fabric appears to cling to the back fabric.
Solution	Lightly apply a static spray for home furnishings. Follow the manufacturer's directions.
	Allow the shading to dry in the fully lowered position.
	If necessary, reapply the static spray each time the shading is professionally cleaned.

Removing the Shading

- Fully raise the shading.
- Disconnect the power source from the power cable at the back of the shading.
- Move the lever on the installation brackets to the left to release the shading.
 - A flat head screwdriver can be used to move the lever.
 - If the lever is inaccessible or inoperable, lower the shading until you can see the underside of the bracket. Carefully reach a small flat head screwdriver behind the shading to the tab on bottom of the bracket between the screw holes.
 - Push the tab away from the shading and pull the headrail to release it from the bracket.

CAUTION: Be very careful to not tear or damage any of the fabric.

• Carefully pull the shading to remove it from the brackets.

Cleaning Procedures

Sheer shadings are made of 100% polyester, which means they are inherently durable and resilient. However, care must be taken to avoid wrinkling the fabric, particularly where the vanes meet the facings.

Dusting

• Regular light dusting with a feather duster is all the cleaning that is needed in most circumstances.

Vacuuming

• Use a low suction, hand-held vacuum for more thorough dust removal.

Forced Air

• Blow away dirt and debris between the vanes using clean compressed air.

Spot-Cleaning

• Do NOT spot-clean sheer shadings.







Ultrasonic Cleaning

Sheer shadings can be ultrasonically cleaned by a professional with the exception of light-dimming fabrics.

- Specify that a mild detergent solution be used.
- Never immerse the headrail in the solution.
- Dry the shading completely in the lowered position.

Injection/Extraction

Sheer shadings can be professionally cleaned using the injection/extraction method.

- A dry method of injection/extraction is required for light-dimming fabrics.
- Never immerse the headrail in the solution.

Electrostatic Cleaning

Do not use electrostatic cleaning wipes on any sheer shadings.

A Note About Fabrics

As with all textiles, sheer shading fabrics are subject to some variations. Slight wrinkling, puckering, or bowing is inherent to this textile product and should be considered normal, acceptable quality. These characteristics are not usually visible from the front or rear but may be visible from a side angle.

Precautions should be taken to reduce exposure to harsh environmental elements, such as salt air. Continuous exposure through open windows and doors will accelerate the fabric deterioration.

NOTE: Improper cleaning may void warranty.

Warranty

For complete warranty information visit levolor.com or call customer service at 1-800-538-6567.

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