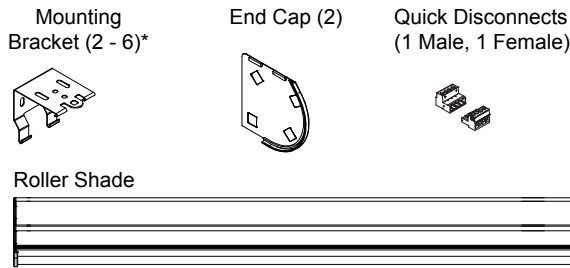


Contents

The following items are included with the roller shade assembly to ensure proper installation.



* The number of mounting brackets included depends on the individual purchase. Orders up to 24 inches (60.96 cm) include two mounting brackets. Orders above 24 inches (60.96 cm) include an additional bracket for every additional 24 inches (60.96 cm) with a maximum of six brackets.

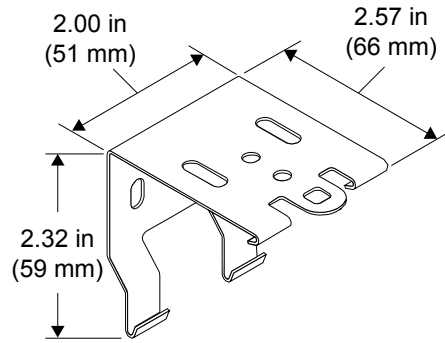
SHADE SIZE	BRACKETS INCLUDED
Up to 24 in (Up to 60.96 cm)	2
25 – 48 in (63.50 – 121.92 cm)	3
49 – 72 in (124.46 – 182.88 cm)	4
73 – 96 in (185.42 – 243.84 cm)	5
97 – 120 in (246.38 – 304.80 cm)	6

Install Brackets and Roller Shade Assembly

WARNING: If the shade is obstructed during operation, excessive torque (greater than 4.43 lbf·ft (6 N·m) may be created before the motor stops. This excessive torque can, and may cause injury if the brackets are not securely fastened in such a way that it supports at least 75 lb (34 kg). Failure to comply with the installation guide may cause injury.

The Designer Cassette Series Motorized Shades are assembled using the supplied mounting brackets. The mounting brackets are secured to the mounting surface and the roller shade assembly snaps into the brackets. Refer to the following illustration for mounting bracket dimensions.

Dimensions – Mounting Bracket

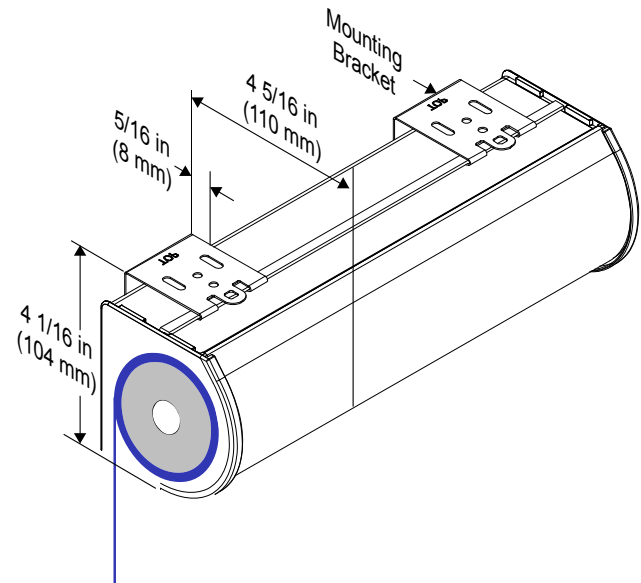


Install Brackets

The mounting brackets mount to the wall using screws that are appropriate for the mounting surface. Follow the procedure below to mount the brackets.

1. Hold the roller shade assembly in the approximate mounting location and check for proper fit.

Shade Mounting Dimensions



2. Ensure that the mounting points are level with each other and mark the locations of the brackets.

NOTE: If using end caps, be sure to leave enough space for end cap width.

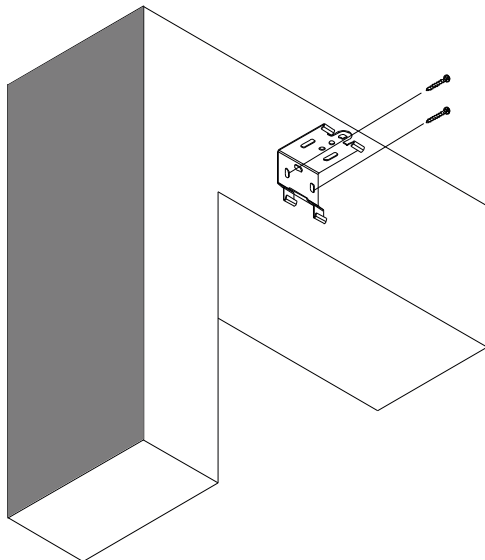
NOTE: Brackets should be level when mounted. They allow minimum adjustment to the roller shade assembly once mounted.



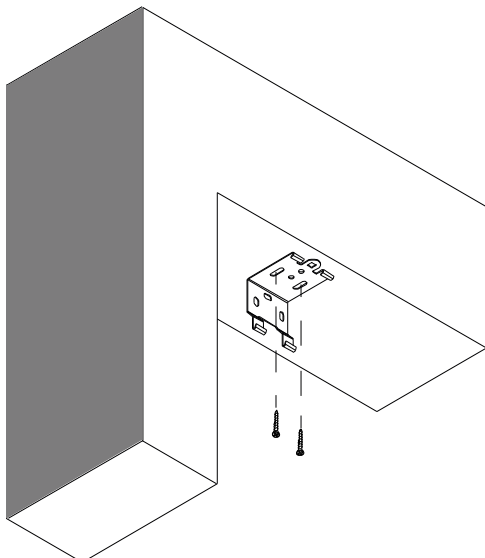
3. Mount the brackets to the outside of the window frame (outside mount) or inside of the window frame (inside mount). The outside brackets should be no farther than 2 inches (51 mm) from the ends of the roller shade assembly. When more than two brackets are included, the additional brackets must be spaced evenly across the length of the window. It is critical that the brackets are level with each other. The word **TOP** is stamped into the bracket for proper orientation.

NOTE: The top of the mounting brackets must be at least 4 1/16 (106 mm) above the mounting surface to ensure that the bottom of the roller shade assembly is not below the casing.

Mount Brackets – Outside Mount



Mount Brackets – Inside Mount

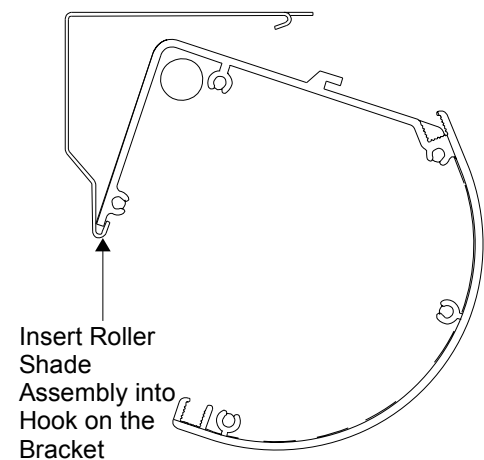


NOTE: Leave approximately 1/8 in (4 mm) space behind the mounting brackets when placing the mounting brackets in an inside mount scenario. This space allows the mounting bracket to flex during installation and removal of the roller shade assembly.

Mount Roller Shade Assembly

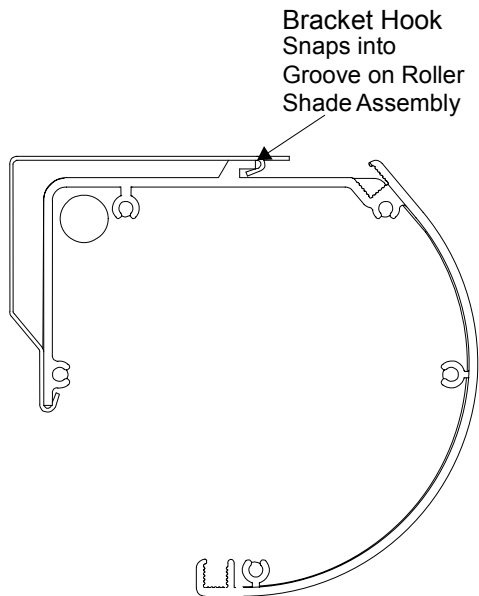
1. Position the roller shade assembly so that the bottom of the roller shade assembly fits into the hook on the lower section of the brackets.

Position Roller Shade Assembly into Lower Bracket Hook



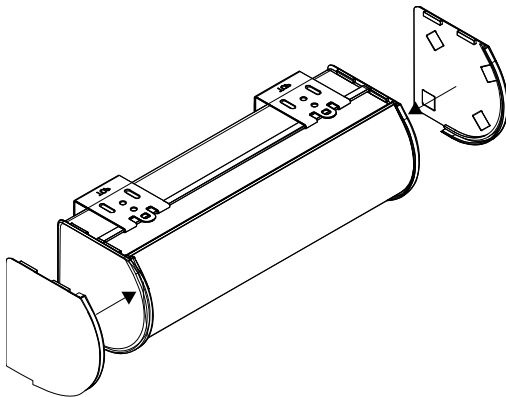
2. Rotate the roller shade assembly towards the bracket until the top of the roller shade assembly snaps into upper hook on the bracket.

Tilt Roller Shade Assembly into Upper Bracket Hook



3. Remove the double sided tape from the end cap and attach to end of the roller shade assembly. Depending on configuration a hole may need to be drilled in the end cap to accommodate wiring.

Attach End Caps



4. Remove paper wrapping from shade.

Remove Roller Shade Assembly

The mounting brackets are capable of flexing in order to allow removal of the roller shade assembly. Use the procedures that follow to remove the Designer Cassette Series Motorized Shade from the mounting bracket.

CAUTION: If the mounting brackets are not secured to a stud, damage to the mounting surface may occur while removing the roller shade assembly from the bracket. Use a flat head screw driver to carefully release the roller shade assembly from the mounting bracket.

CAUTION: Use two hands to prevent the Designer Cassette Series Manual Shade from falling during removal.

NOTE: The mounting brackets design creates a strong grip on the roller shade assembly. Significant force and a flat blade screwdriver may be used to remove the roller shade assembly from the mounting brackets.

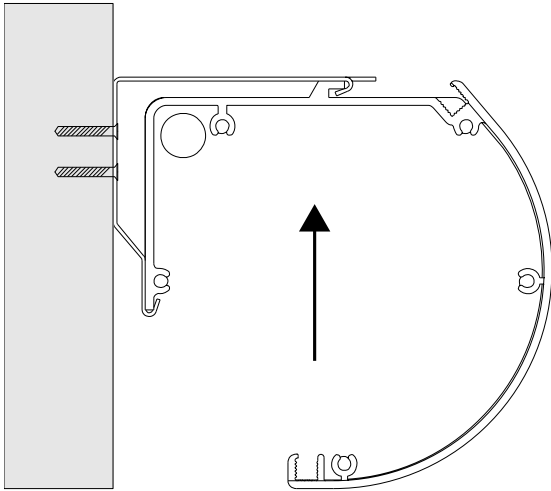
NOTE: The shade fabric should be fully raised before removing the roller shade assembly.

Outside Mount Removal

To remove a Designer Cassette Series Motorized Shade that is installed in an outside mount scenario, follow the procedure below.

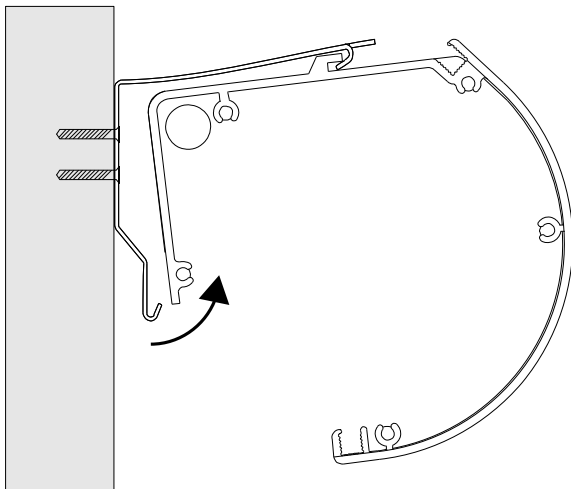
1. Push the roller shade assembly towards the ceiling. Refer to the illustration that follows for visual guidance.

Push the Roller Shade Assembly Towards Ceiling



2. While pushing the roller shade assembly up, rotate the roller shade assembly out from the wall. Refer to the illustration that follows for visual guidance.

Rotate the Roller Shade Assembly to Release from the Bottom Hook

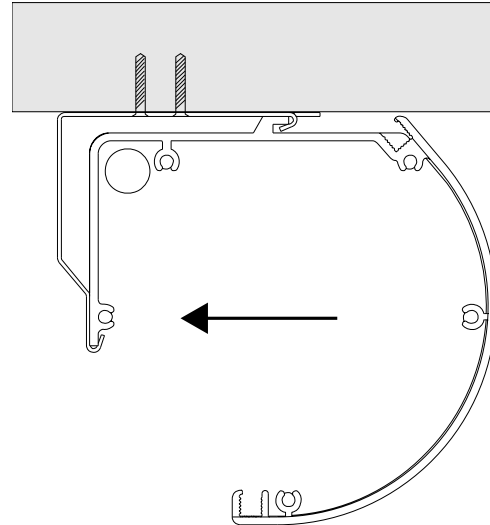


Inside Mount Removal

To remove a Designer Cassette Series Motorized Shade that is installed in an inside mount scenario, follow the procedure below.

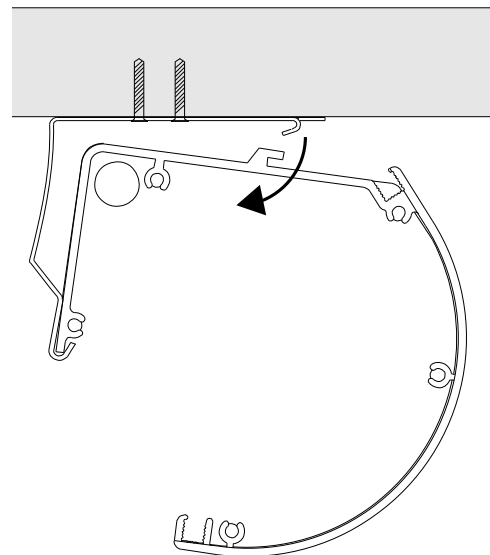
1. Push the roller shade assembly towards the window. Refer to the illustration that follows for visual guidance.

Push the Roller Shade Assembly Towards Window



2. While pushing the roller shade assembly in, rotate the roller shade assembly towards the floor. Refer to the illustration that follows for visual guidance.

Rotate the Roller Shade Assembly to Release from the Top Hook



Wiring

For information on wiring this device, refer to the latest version of the Crestron Roller Shades and Interfaces Wiring Guide (Doc. 7516), which is available from the Crestron Web site (www.crestron.com/manuals).

Programming and Setup

Before the roller shade can be operated the device must be programmed and set up.

For information on programming and setup of this device, refer to the latest version of the Crestron Roller Shades and Interfaces Programming & Setup Guide (Doc. 7361).

Further Inquiries

To locate specific information or resolve questions after reviewing this guide, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876] or refer to the listing of Crestron worldwide offices on the Crestron Web site (www.crestron.com/offices) for assistance within a particular geographic region.

To post a question about Crestron products, log onto the Online Help section of the Crestron Web site (www.crestron.com/onlinehelp). First-time users must establish a user account to fully benefit from all available features.

Future Updates

As Crestron improves functions, adds new features and extends the capabilities of the Designer Cassette Series Motorized Shades, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron Web site periodically for manual update availability and its relevance. Updates are identified as an “Addendum” in the Download column.

The specific patents that cover Crestron products are listed at patents.crestron.com.

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Crestron Shading Solutions Standard Limited Warranty

This limited warranty (“Warranty”) is applicable to (a) Crestron Shading Solutions control system shade fabric, shade mounting hardware including tracks and roller tubes, and shade motors (collectively “Hardware”) and (b) Crestron Shading Solutions control system wall controls, interfaces and system accessories, (“External Components” and , with the Hardware the “Shading Solutions System”). Batteries are excluded from External Components and are not covered under this warranty. Customer acknowledges and agrees that use of the Shading Solutions System, or any part thereof, constitutes acceptance of all terms and conditions of this Warranty.

Limited Warranty

Subject to the exclusions and restrictions and for the periods of time described in this Warranty, Crestron warrants that the Shading Solutions System will be free from manufacturing defects under normal use. If any manufacturing defect exists in any Hardware or External Component during the periods of time identified below from the date of shipment by Crestron, as long as Customer promptly notifies Crestron of the defect and, if requested by Crestron, upon the return of the defective part(s), Crestron will, at its option, either repair the defective part(s), or provide comparable replacement part(s) or issue a credit to the Customer against the purchase price of comparable replacement part(s) purchased from Crestron as noted in the schedule below.

Number of Years from Date of Shipment, as applicable	Percentage Warranted by Crestron for Hardware
Up to 5	100%
More than 5 but not more than 8	50%
More than 8	0%

Crestron warrants that External Components, excluding batteries, will be free from manufacturing defects under normal use from date of shipment by Crestron for a period of (a) one (1) year as to the power supplies, (b) ninety (90) days as to touch screen displays and overlay components, (c) three (3) years as to other External Components. Replacement parts for the Shading Solutions System provided by Crestron or, at its sole discretion, an approved vendor may be new, used, repaired, reconditioned and/or made by a different manufacturer.

EXCLUSIONS AND RESTRICTIONS

This Warranty does not cover, and Crestron and its suppliers are not responsible for:

- Damage, malfunction, or inoperability diagnosed by Crestron or a Crestron approved third-party as being caused by normal wear and tear, abuse, misuse, incorrect installation, neglect, accident, interference, or adverse environmental factors.

Such environmental factors shall include, but not be limited to: (a) use of incorrect line voltages; (b) improperly rated fuses or circuit breakers; (c) failure to install, maintain, and operate the System pursuant to the operating instructions provided by Crestron; (d) failure to comply with the applicable provisions of the National Electrical Code and Safety Standards of Underwriters Laboratories; (e) use of incompatible devices or accessories; (f) improper or insufficient ventilation; (g) unauthorized repairs or adjustments; (h) vandalism including a virus or computer hacker; (i) acts of God, such as fire, lightning, flooding, tornado, earthquake, hurricane or other problems beyond Crestron’s control; or (j) failure to maintain equipment under the specified ambient temperature limits.
- On-site labor costs to diagnose issues with, and to remove, repair, replace, adjust, reinstall and/or reprogram the Shading Solutions System or any of its components.
- Components and equipment external to the Shading Solutions System, such as, but not limited to: (a) lamps, sockets, and fixtures; (b) fixture wiring between ballasts and lamps; (c) building wiring between the dimmer panels and lamps; (d) wiring between the control panels; (e) audio-visual equipment; and (f) other non-Crestron equipment such as motion detectors.
- The cost of repairing or replacing other property that is damaged when the Shading Solutions System does not work properly, even if the damage was caused by the Shading Solutions System.
- Any loss of software or data. Customer has sole responsibility to properly back up all data on any other storage device(s) in the Shading Solutions System.
- Repairs required due to malfunctions caused by non-Crestron supplied software.

EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF ANY TYPE, INCLUDING ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

CRESTRON DOES NOT WARRANT THAT THE SHADING SOLUTIONS SYSTEM WILL OPERATE WITHOUT INTERRUPTION OR BE ERROR FREE.

NO CRESTRON AGENT, EMPLOYEE, OR REPRESENTATIVE HAS ANY AUTHORITY TO BIND CRESTRON TO ANY AFFIRMATION, REPRESENTATION, OR WARRANTY CONCERNING THE SHADING SOLUTIONS SYSTEM.

UNLESS AN AFFIRMATION, REPRESENTATION OR WARRANTY MADE BY AN AGENT, EMPLOYEE OR REPRESENTATIVE IS SPECIFICALLY INCLUDED HEREIN, OR IN STANDARD PRINTED MATERIALS PROVIDED BY CRESTRON, IT DOES NOT FORM A PART OF THE BASIS OF ANY BARGAIN BETWEEN CRESTRON AND CUSTOMER AND WILL NOT IN ANY WAY BE ENFORCEABLE BY CUSTOMER.

IN NO EVENT WILL CRESTRON OR ANY OTHER PARTY BE LIABLE FOR EXEMPLARY, CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, CONFIDENTIAL OR OTHER INFORMATION, OR PRIVACY; BUSINESS INTERRUPTION; PERSONAL INJURY; FAILURE TO MEET ANY DUTY, INCLUDING OF GOOD FAITH OR OF REASONABLE CARE; NEGLIGENCE, OR ANY OTHER PECUNIARY OR OTHER LOSS WHATSOEVER), NOR FOR ANY REPAIR WORK UNDERTAKEN WITHOUT CRESTRON’S WRITTEN CONSENT ARISING OUT OF OR IN ANY WAY RELATED TO THE INSTALLATION, DEINSTALLATION, USE OF OR INABILITY TO USE THE SHADING SOLUTIONS SYSTEM OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS WARRANTY, OR ANY AGREEMENT INCORPORATING THIS WARRANTY, EVEN IN THE EVENT OF THE FAULT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, BREACH OF CONTRACT OR BREACH OF WARRANTY OF CRESTRON OR ANY SUPPLIER, AND EVEN IF CRESTRON OR ANY OTHER PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

NOTWITHSTANDING ANY DAMAGES THAT CUSTOMER MIGHT INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DIRECT DAMAGES AND ALL DAMAGES LISTED ABOVE), THE ENTIRE LIABILITY OF CRESTRON AND OF ALL OTHER PARTIES UNDER THIS WARRANTY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, USE, REPAIR, OR REPLACEMENT OF THE SHADING SOLUTIONS SYSTEM, OR ANY AGREEMENT INCORPORATING THIS WARRANTY, AND CUSTOMER’S SOLE REMEDY FOR THE FOREGOING, WILL BE LIMITED TO THE AMOUNT PAID TO CRESTRON BY CUSTOMER FOR THE SHADING SOLUTIONS SYSTEM. THE FOREGOING LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS WILL APPLY TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

To Make A Warranty Claim

To make a warranty claim, promptly notify Crestron within the warranty periods described above by calling the Crestron Technical Support Center at 1-888-CRESTRON. Crestron, in its sole discretion, will determine what action, if any, is required under this Warranty.

Most Shading Solutions System problems can be corrected over the phone through close cooperation between Customer and a Crestron technician. To better enable Crestron to address a warranty claim, please have the Shading Solutions System’s serial and model numbers, its current operating system version, and the brand names and models of any peripheral devices (such as a modem) used with the Shading Solutions System available when making the call.

If Crestron, in its sole discretion, determines that an on-site visit or other remedial action is necessary, Crestron may send a representative or coordinate the dispatch of a representative from a Crestron approved vendor, to Customer’s site, and/or coordinate a warranty service call between Customer and a Crestron approved vendor.

All on-site labor costs incurred to diagnose any problems with the Shading Solutions System and to repair, replace or adjust (at Crestron’s option) the Shading Solutions System to restore it to normal operation will be paid by customer at the then current service price unless covered by a separate Crestron Support and Maintenance Plan.