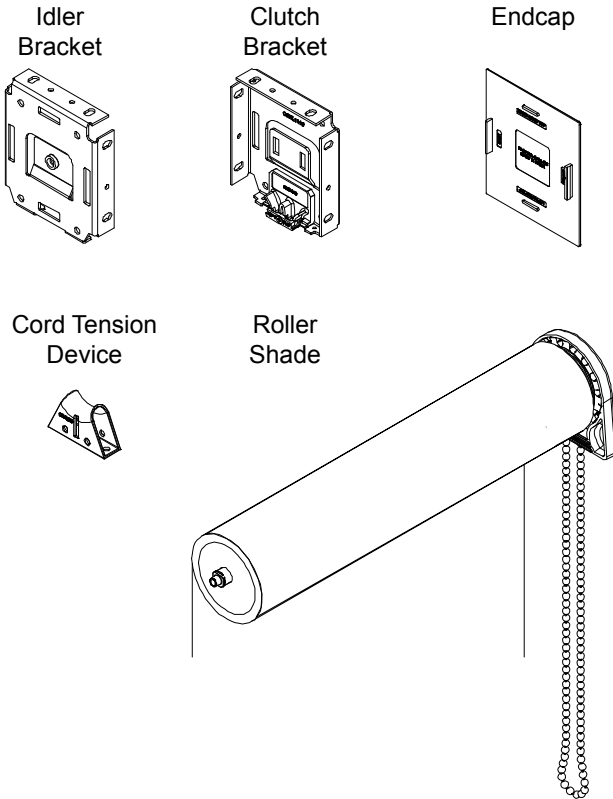


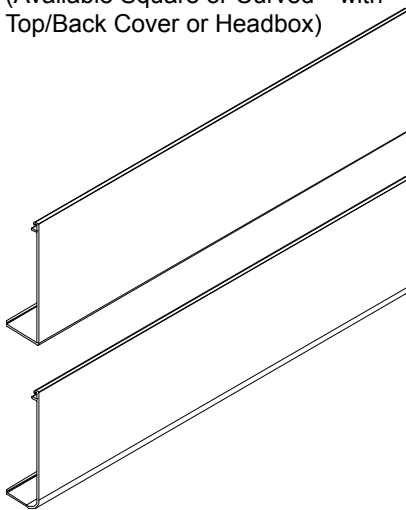
Contents

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



The following item is available to order with the roller shade assembly or separately.

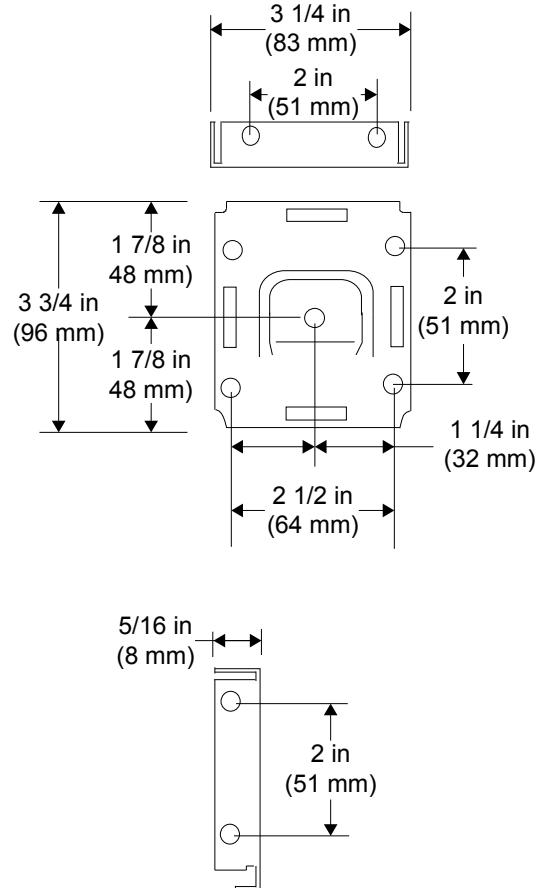
Fascia
(Available Square or Curved—with Top/Back Cover or Headbox)



Install Brackets

The Architectural Slim Manual Shades are assembled using the supplied idler and clutch brackets. The clutch and idler brackets attach to the wall, ceiling, or window frame. Refer to the following illustration for idler and clutch bracket dimensions.

Dimensions – Idler Bracket



NOTE: Dimensions for the clutch bracket are identical to the idler bracket.

Wall or Ceiling Mount

The idler and clutch brackets mount to the wall or ceiling 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. If using a fascia, use the fascia to help measure proper distance between the idler and



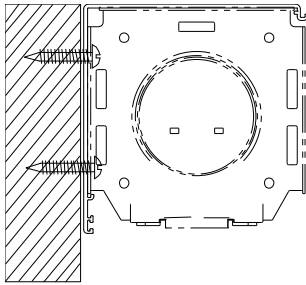
clutch brackets. The roller shade assembly must be level for proper operation.

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

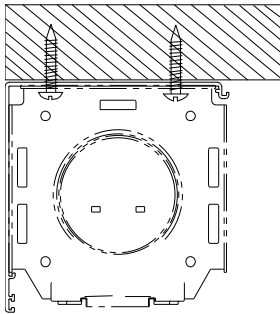
NOTE: The idler and clutch brackets do not allow adjustment to the roller shade assembly once mounted. Ensure that the brackets are level when mounted.

2. Attach the idler and clutch bracket to the wall or ceiling. Use mounting hardware that is appropriate for the mounting surface. Refer to the illustrations that follow for details.

Mount Idler and Clutch Brackets to Wall



Mount Idler and Clutch Brackets to Ceiling



3. If using end caps, attach the end caps to the idler and clutch brackets following the stamped instructions on the end caps.

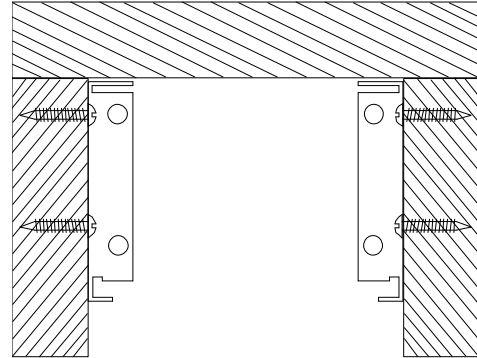
Inside Mount

The idler and clutch brackets mount to the inside of a window frame 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. If using a fascia, use the fascia to help measure proper distance between idler and clutch brackets. The roller shade assembly must be level for proper operation.

2. Attach the idler and clutch bracket to the inside of the window frame. Use mounting hardware that is appropriate for the mounting surface. Refer to the illustration that follows for details.

Mount Idler and Clutch Brackets Inside of Window Frame

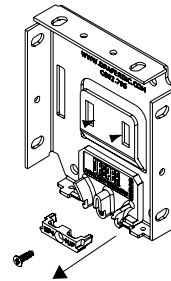


Install Roller Shade Assembly

Follow the procedure below to mount the roller shade assembly to the clutch and idler brackets.

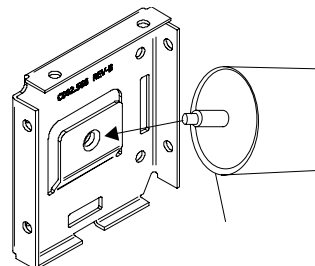
1. Remove the screw that holds the cord guide onto the clutch bracket using a Phillips screwdriver. Retain the cord guide and screw for reassembly.

Remove Cord Guide



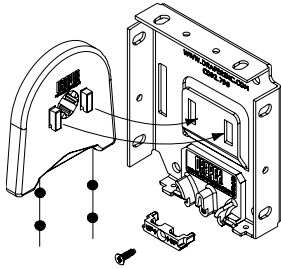
2. Slide the idler end of the roller shade assembly through the slot on the bottom of the idler bracket and snap it into the slot. Refer to the illustration that follows.

Install Shade to Idler Bracket



3. Insert the notches on the operator end of the roller shade assembly into the clutch bracket. Press down to lock the roller shade assembly into place.

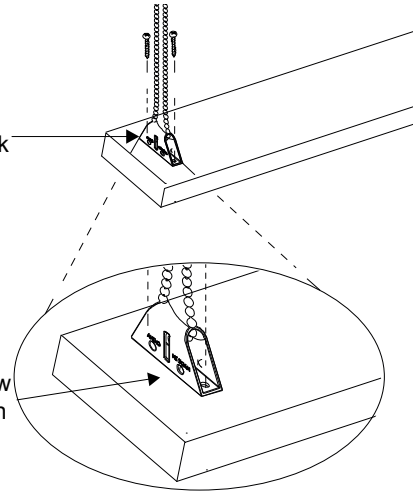
Install Shade to Clutch Bracket



4. Reinstall the cord guide over the cord using the Phillips screw that was removed in step 1 of this procedure.

Install Cord Tension Device

Attach cord tension device to wall or window sill. Ensure that there is no slack in cord.



When attaching cord, ensure spring is deployed so screw passes through both holes.

Mount Fascia (Optional)

If the assembly was received with a fascia, attach it by pressing the fascia onto the idler and clutch brackets. The fascia snaps into place.

Install Cord Tension Device

WARNING: Proper installation of cord tension device keeps loops from being easily accessible. If cord is not secured with cord tension device, the unsecured cord becomes a strangulation hazard. Do not install clutch-operated shades near cribs or playpens.

The cord tension device ensures that the cord is kept in place and does not interfere with shade operation.

Position the cord tension device so there is no slack in the cord and secure to the wall or window frame using the included hardware.

Test Shade Function

The roller shade assembly must be tested before operation. Follow the procedure below to check for proper operation of the roller shade assembly.

1. With the roller shade assembly in place, make sure all mounting hardware is secure and fully tightened.
2. Remove the paper strips or packaging that keep the fabric rolled tightly.
3. Use the cord to carefully position the shade at its lower limit. Repeat this procedure to move the shade to its upper limit. Observe the fabric on the tube carefully, taking note if it drifts to one side or the other.
4. If drifting occurs, continue raising the shade with caution, watching if the fabric drifts beyond the end of the tube. If it appears that the fabric is going to drift beyond the end of the tube, DO NOT continue to raise the shade. The shade must be reinstalled and leveled for proper operation.

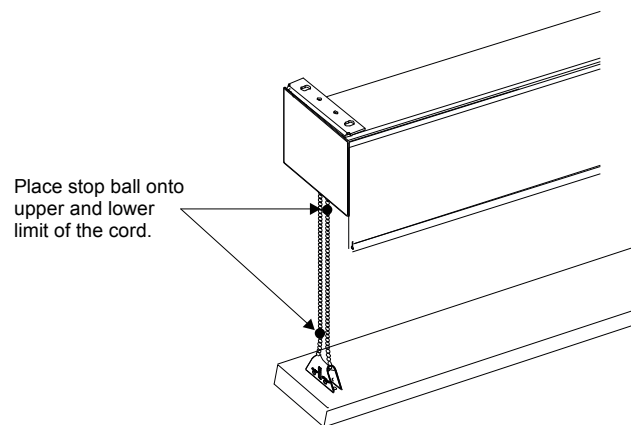
Set Shade Limits

To ensure proper operation of the roller shade assembly it must be configured so that the shade stops at its upper and lower limits. Use the following procedure to set the shade limits for regular roll shades. Refer to the following illustration for visual guidance.

1. Use the cord to position the shade at the desired lower limit.
2. Install the stop ball to the cord that is furthest away from the window. The stop ball should be installed near the top of the cord. Use pliers to crimp the stop ball to the cord.
3. Use the cord to position the shade at the desired upper limit.
4. Install the stop ball to the cord that is closest to the window. The stop ball should be installed near the top of the cord. Use pliers to crimp the stop ball to the cord.

NOTE: Reverse roll shades should have the stop ball for the lower limit installed on the cord that is closest to the window. The stop ball for the upper limit is placed on the cord furthest away from the window.

Set Limits



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, for assistance within a particular geographic region, refer to the listing of Crestron worldwide offices at www.crestron.com/offices.

To post a question about Crestron products, log onto Crestron's Online Help at 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 Architectural Slim Manual 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 website 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:

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.

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