## Installation Guide

**Description**

The Crestron® CS-SHADE-ROLLER-CABLEGUIDED is a shade accessory that allows shade fabric to travel at up to a 20º angle. The cable guided shade kit works alongside virtually any Crestron Architectural or Decor series shade mounting bracket and can be installed on a wall, window jamb, or ceiling.

**Additional Resources**

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.

## Shade Bracket Installation

Install the shade brackets in accordance to the order sheet, the “Cable Bracket Mounting Guidelines” on page 3, and their Installation Guide. For bracket installation details, refer to its Installation Guide at www.crestron.com/manuals.

**CAUTION:** There is risk of personal injury and equipment damage if the shade or associated parts fail during installation. Use care when installing. Use proper mounting hardware (e.g., screws or bolts) for the mounting surface when securing the brackets to the surface.

## Cable Bracket Installation

To install the CS-SHADE-ROLLER-CABLEGUIDED, the bottom anchor and the top anchor must be installed. Also, the cable must be prepared and installed.

**NOTE:** Use the included screws on walls or jambs that are made with wood or metal framing. These screws should not be used for hollow drywall or masonry installations. It is the responsibility of the installer to ensure that a secure mounting method is used.

**NOTE:** Ensure that no objects interfere with the shade travel (e.g., window hardware).

**CAUTION:** Cables must be parallel with each other and with the shade fabric travel. They should not be more than 1/2 in (13 mm) out of parallel.

**Install the Bottom Anchor**

The bottom anchor can be secured to the window sill or floor or the window jamb. Two bottom anchors exist. The bottom anchor for sill or floor installation allows the cable to exit through the side of the bottom anchor. The bottom anchor for jamb installation allows the cable to exit through the side of the bottom anchor.

All or Floor installation:

1. Secure the anchor nut to the window sill using the provided screw.
2. Feed the cable through the anchor housing and then tighten to the anchor nut.
3. Repeat steps 1 and 2 for the other bottom anchor.

**Header or Ceiling Installation**

To install on the window header or ceiling:

1. Secure the anchor housing to the window header using the provided screw.
2. Feed the cable through the cable grip housing and then through the cable grip.
3. Bring the loose end of the cable to the top anchor and ensure that there is no slack in the cable. Using cable cutters capable of cutting 1/8 in (3 mm) stainless steel cable, cut the cable in line with the ridge indicated on the threaded rod. Tighten the cable when the cut is acceptable as long as the cable grip and cable grip housing can fit into the threaded rod.

**Prepare and Install the Cable**

To attach the upper section of the cable to the top anchor, the threaded rod must be attached to the cable block, the cable must be cut to length, and the cable must be secured to the top anchor.

1. Insert the threaded rod through the cable block and secure the threaded rod with the included lock-nut. Ensure that 1/2 in (13 mm) of the threaded rod extends past the top of the cable block.
2. Slide the cable grip housing over the cable grip and near the end of the cable.
3. Tighten the lock-nut to adjust the cable tension. Apply about 5 pounds of force to ensure that 23 ft-lb of torque is applied to the cable grip housing.
4. Ensure that the cable does not slip out of the cable grip housing, and tighten the lock-nut.
5. Repeat the process for the other side of the cable block.

**Cable Block Installation**

The top anchor can be secured to the window header or ceiling or to the window jamb. The top anchor for window header or ceiling mount applications consists of a cable block that is secured to a mounting bracket. The mounting bracket is secured to the window header or ceiling. The window jamb mount applications consist of only a cable block that is secured to a mounting bracket. The mounting bracket is secured to the window header or ceiling or to the window jamb. The top anchor can be secured to the window header or ceiling or to the window jamb. The top anchor for wall or floor installation allows the cable to exit through the top of the top anchor.

All or Floor installation:

1. Secure the anchor housing to the window header or ceiling using the provided screw.
2. Insert the cable into the anchor housing and tighten the anchor cover.
3. Repeat steps 1 and 2 for the other top anchor.

**NOTE:** For jamb installation, this bracket can be secured to the window jamb.

**Thread the cable through the anchor housing.**

**Tighten the anchor cover to the anchor housing.**

**Cable grip housing.**

**Cable grip.**

**Cable.**

**Tighten or loosen the lock nut to adjust the cord tension.**
To secure the hembar to the cables, thread the hembar to allow the cables to enter the slots on the end cap. Rotate the hembar to secure the hembar to the cables.

**Test the Shade**

**WARNING:** Care has been taken to ensure that the shade is properly balanced. Prior to initial operation, please confirm that the brackets have been adjusted so that the shade hangs level and plumb and that the cables are parallel to each other and the shade fabric. Upon starting, run the shade fabric all the way down and check for plumb. Observe the shade closely as it rolls up. If the shade fabric begins to sag at any point, stop immediately and take the appropriate action to ensure the shade tracks properly. To prevent damage to the fabric, do not leave the shade unattended during the first few cycles of operation. Failure to follow these instructions may result in damage to the fabric.

A foreign object is stuck to the shade fabric (e.g., tape, bugs, dust, etc.).
- The HVAC ductwork is blowing on the shade, or air is coming in through a window.
- The shade may bump into objects while traveling up or down.
- The shade is not perfectly level.

**NOTE:** Before using the CS-SHADE-ROLLER-CABLEGUIDED, ensure the shade motor is using the latest firmware. Check for the latest firmware at www.crestron.com/support. Load the firmware onto the device using Crestron Toolbox™ software.

**How to prevent fabric sag:**

- The shade is perfectly level.
- The shade may bump into objects while traveling up or down.
- The HVAC ductwork is blowing on the shade, or air is coming in through a window.
- A foreign object is stuck to the shade fabric (e.g., tape, bugs, dust, etc.).

How to prevent fabric sag:

- Use the leveling features built into the shade brackets to ensure that the shade is level. If the bracket adjustment is not enough to compensate, use a shim to level the system.
- Ensure that no obstructions exist near the window area that the shade could bump into while traveling (e.g., latches and cranks).
- Direct HVAC airflow away from the shade, and ensure that windows are closed while operating the shade.
- Lower the shade all the way down to the base tube (the shade will need to be placed into Limit Setup mode to allow the shade to travel below its lower limit). Inspect the front and back of the shade to ensure that no foreign objects are stuck to shade fabric.

Shade Fabric Guideline

- The specific patents that cover Crestron products are listed at www.crestron.com/legal/patents.
- Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.
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