Crestron **TST-600-DSW-TMK & TST-600-DSW-WMKT**

Trim Ring Kits for TST-600-DSW

Installation Guide

CRESTRON

This document was prepared and written by the Technical Documentation department at:

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

Crestron and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others.
©2012 Crestron Electronics, Inc.

Contents

Trim Ring Kits for TST-600-DSW: TST-600-DSW-TMK & TST-600-DSW-WMKT 1

Description 1
Setup 4
Supplied Hardware 4
Installation 4
Resources 10
Reference Documents 10
Further Inquiries 10
Future Updates 10
Return and Warranty Policies 11
Merchandise Returns / Repair Service 11
Crestron Limited Warranty 11

Trim Ring Kits for TST-600-DSW: TST-600-DSW-TMK & TST-600-DSW-WMKT

Description

Trim Ring Kits are the preferred method for mounting the Crestron® TST-600-DSW Wall Mount Docking Station when a finished appearance within a neatly trimmed cutout is required. This application is perfect for wallpapering.

NOTE: If mounting in a material other than drywall (for example, wood lectern, concrete or rock) use the cutout template, available in the post-construction kit TST-600-DSW-WMKT. For concrete and rock installations, allow for proper ventilation before mounting the TST-600-DSW.

There are two Trim Ring Kits. The TST-600-DSW-TMK is a pre-construction accessory. Pre-construction refers to framed walls prior to hanging drywall. This accessory must be used with either the Pre-Construction Wall Mount Kit (TST-600-DSW-PMK) or Back Box (TST-600-DSW-BB), both sold separately.

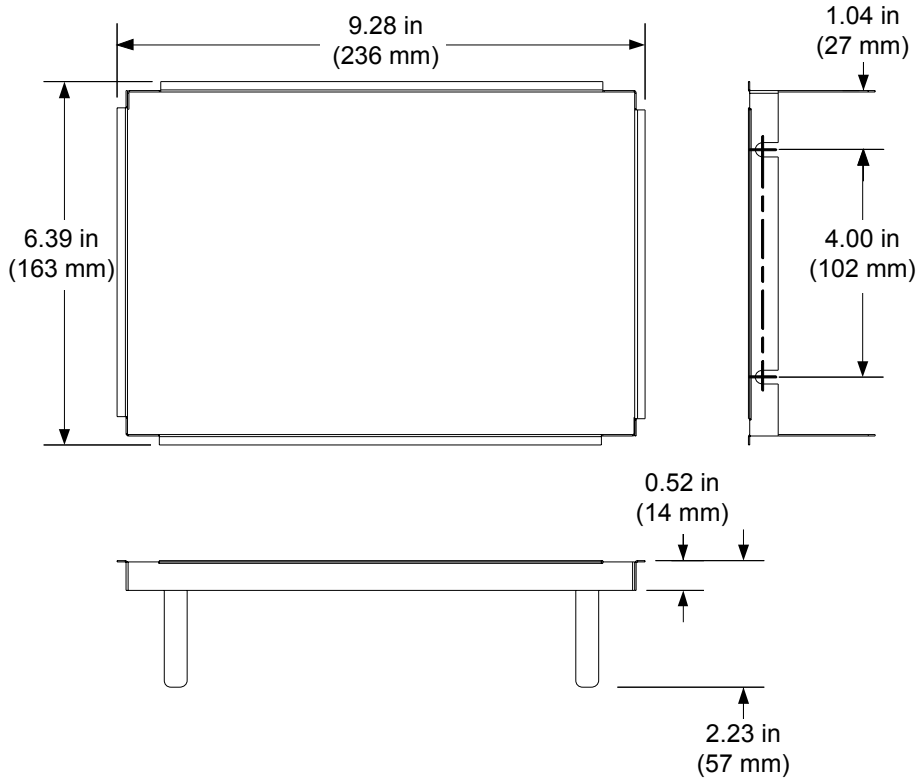
The TST-600-DSW-WMKT is a post-construction kit. Post-construction refers to framed walls with drywall hung. This accessory is designed with a mounting plate so it can be placed anywhere on a wall without the support of a stud. The mounting plate is also ideal for installing the TST-600-DSW in a lectern.

NOTE: Since the TST-600-DSW contains moving parts, mounting on a stud offers more support and is therefore highly recommended. Although Crestron offers the post-construction TST-600-DSW-WMKT, a mounting option that is secured to a stud, such as the TST-600-DSW-BB or TST-600-DSW-PMK is highly recommended.

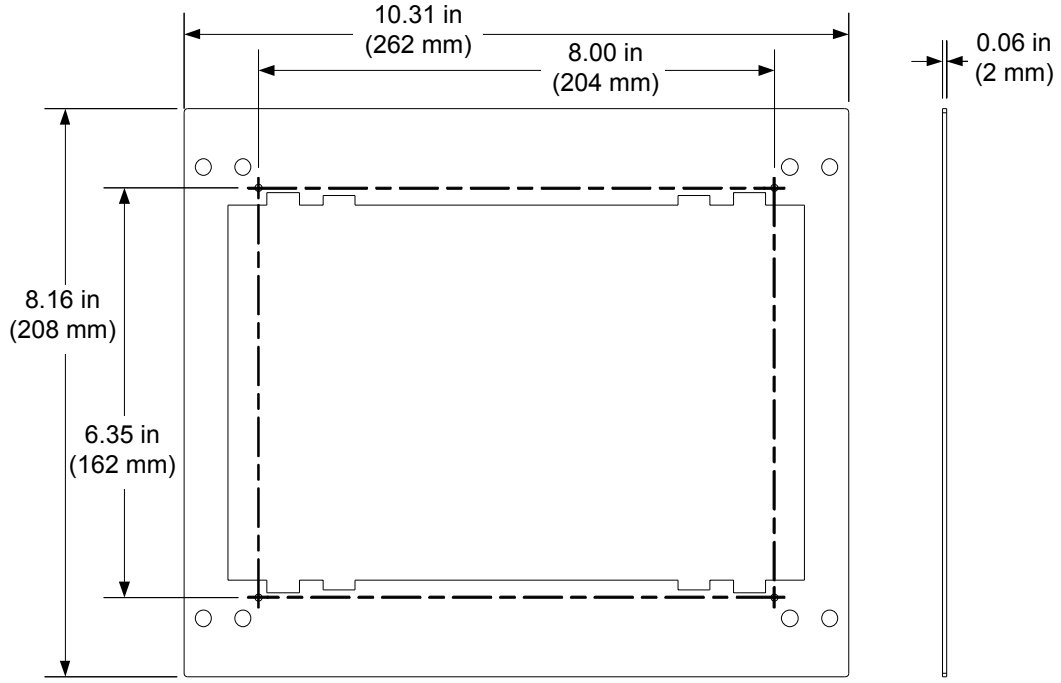
NOTE: If necessary, consult the latest version of the TST-600-DSW Operations & Installation Guide (Doc. 7434) for a complete list of mounting options. The document is available from the Crestron Web site (www.crestron.com/manuals).

The dimensions of the TST-600-DSW-TMK and TST-600-DSW-WMKT are shown in the following illustrations.

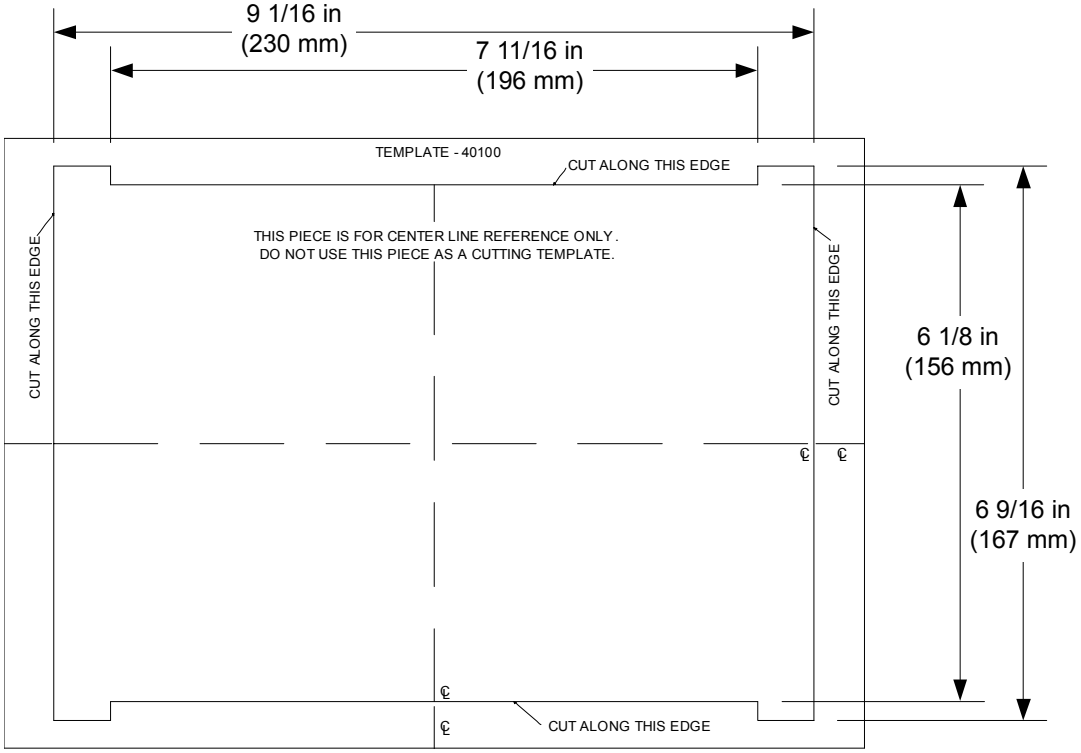
TST-600-DSW-TMK Overall Dimensions



TST-600-DSW-WMKT Overall Dimensions



Drywall Cutout Template and Dimensions (Supplied with TST-600-DSW-WMKT Only)



Setup

Supplied Hardware

The TST-600-DSW-TMK consists of a metal trim ring that attaches to the TST-600-DSW-BB or TST-600-DSW-PMK. The TST-600-DSW-WMKT consists of the trim ring found in the TST-600-DSW-TMK as well as a mounting plate, a set of mounting screws and a cutout template.

The mounting plate provides the necessary support for installation in a wall, lectern, podium or similar flat surface. An overlay cutout template (4506370) is supplied which is similar to a frame, with the inner area of the frame in the shape of the required opening. Refer to the illustration on page 3.

The hardware supplied with the TST-600-DSW-TMK and TST-600-DSW-WMKT is listed in the following table.

Supplied Hardware for the TST-600-DSW-TMK and TST-600-DSW-WMKT

DESCRIPTION	PART NUMBER	QUANTITY
Metal, Plate, Ridge (Trim Ring)	2022808	1
Metal, Plate, Mounting (TST-600-DSW-WMKT only)	2022811	1
Screw, #06-32 x 1 1/2", Pan, Phil (TST-600-DSW-WMKT only)	2007254	4
Overlay, Template, Wall Cutout (TST-600-DSW-WMKT only)	4506370	1

Installation

This section provides an installation procedure for each Trim Ring Kit. The "TST-600-DSW-TMK Procedure" starts below and the "TST-600-DSW-WMKT Procedure" starts on page 6. Be sure to review each procedure before starting.

TST-600-DSW-TMK Procedure

This section provides the necessary steps for the assembly of the TST-600-DSW-TMK for use with either the TST-600-DSW-BB or TST-600-DSW-PMK. It is assumed the TST-600-DSW-BB or TST-600-DSW-PMK has been secured to a stud according to the instructions in the latest version of its Installation Guide (Doc. 7455 or Doc.7453 respectively). It is also assumed that drywall is in place and a cutout is made in the drywall for installation of the TST-600-DSW.

Complete the steps in the order provided. The only tool required and not supplied is a level.

CAUTION: Allow an air gap of at least 12 inches (305 mm) in the wall cavity above and below the TST-600-DSW for heat dissipation.

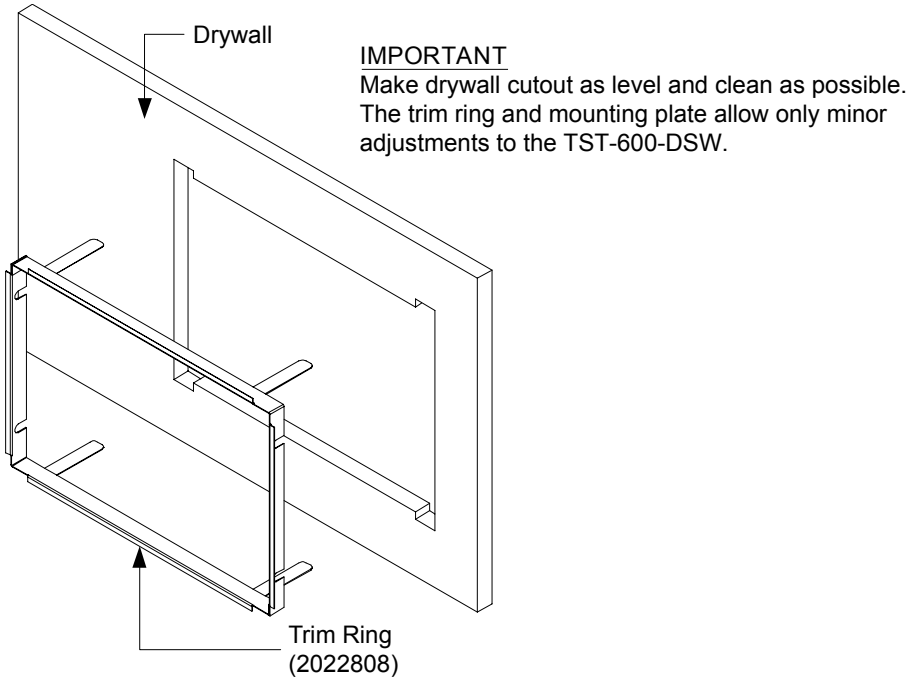
NOTE: The TST-600-DSW-TMK has been optimized for mounting in 5/8" (15 mm) drywall. It is possible to mount in 1/2" – 1" (13 mm – 25 mm) drywall without issue. Thinner or thicker drywall causes issues with installation.

NOTE: The illustrations in this procedure show the installation of the TST-600-DSW-TMK with the TST-600-DSW-PMK. The procedure is identical with the TST-600-DSW-BB.

NOTE: When installing into the TST-600-DSW-PMK, verify the 18 AWG bus wire securing the cables for the TST-600-DSW Wall Mount Docking Station remains attached.

1. Verify the cutout in the drywall is as level as possible.
2. Insert the symmetrical trim ring into the opening, as shown in the following illustration.

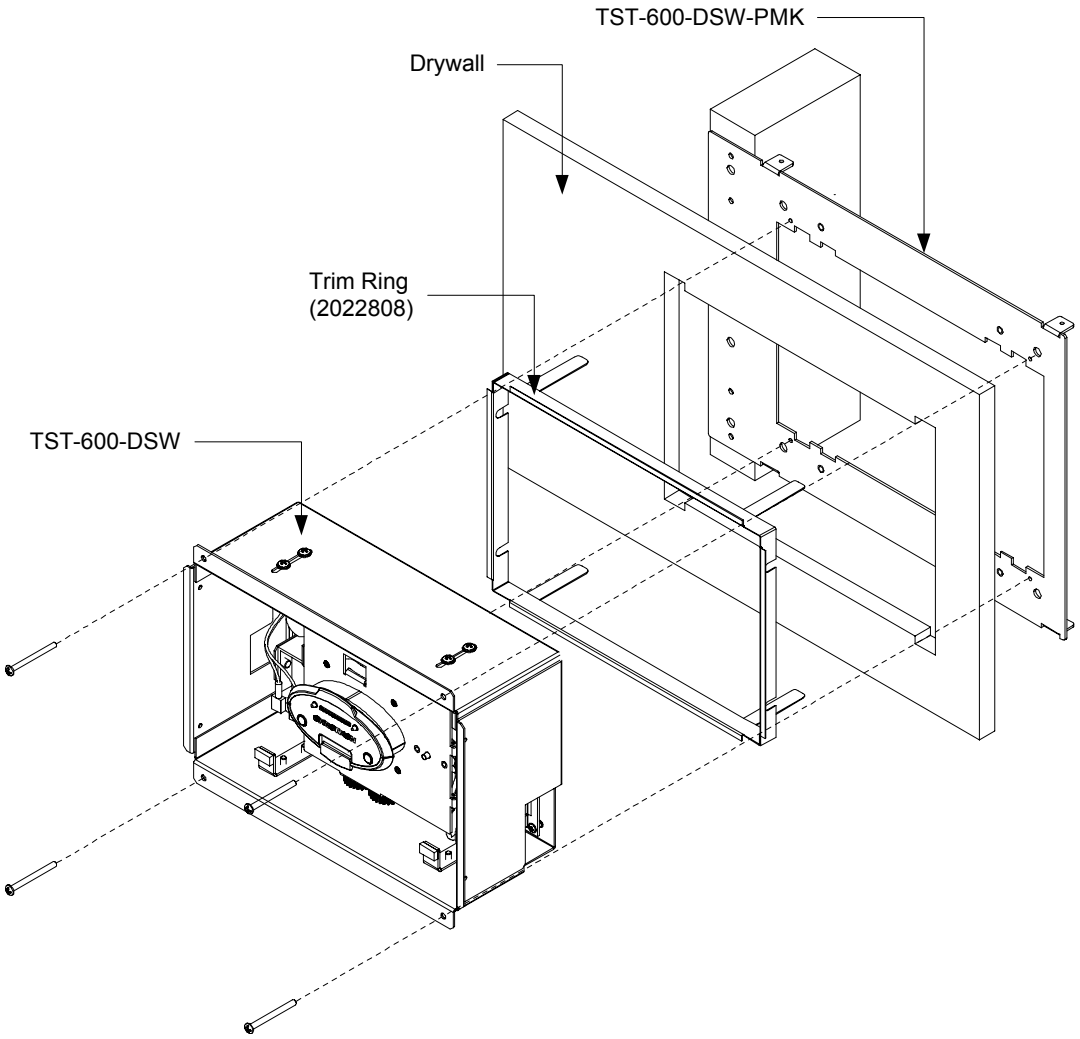
Insert Trim Ring into Opening



NOTE: The required TST-600-DSW-PMK or TST-600-DSW-BB is not shown.

3. When the trim ring is in position, bend the top two flanges of the ring upward and the bottom two flanges downward.
   - If mounting in the TST-600-DSW-PMK, bend the flanges approximately 90 degrees.
   - If mounting in the TST-600-DSW-BB, bend the flanges back as far as they can go.
4. Run the necessary cables for the TST-600-DSW and secure them behind the drywall.
5. The TST-600-DSW Wall Mount Docking Station can be installed using the four tapped holes in the TST-600-DSW-PMK or TST-600-DSW-BB. Refer to the latest version of the TST-600-DSW Operations & Installation Guide (Doc. 7434) for details. Refer also to the following comprehensive illustration.

TST-600-DSW Mounting Using TST-600-DSW-TMK (Exploded View)



TST-600-DSW-WMKT Procedure

NOTE: Since the TST-600-DSW contains moving parts, mounting on a stud offers more support and is therefore highly recommended. Although Crestron offers the post-construction TST-600-DSW-WMKT, a mounting option that is secured to a stud, such as the TST-600-DSW-BB or TST-600-DSW-PMK is highly recommended.

This section provides the necessary steps for the assembly and installation of the TST-600-DSW-WMKT into a wall. Review the procedure and complete the steps in the order provided. The only tools or materials required and not supplied are a drywall saw or equivalent and a level.

CAUTION: Allow an air gap of at least 12 inches (305 mm) in the wall cavity above and below the TST-600-DSW for heat dissipation.

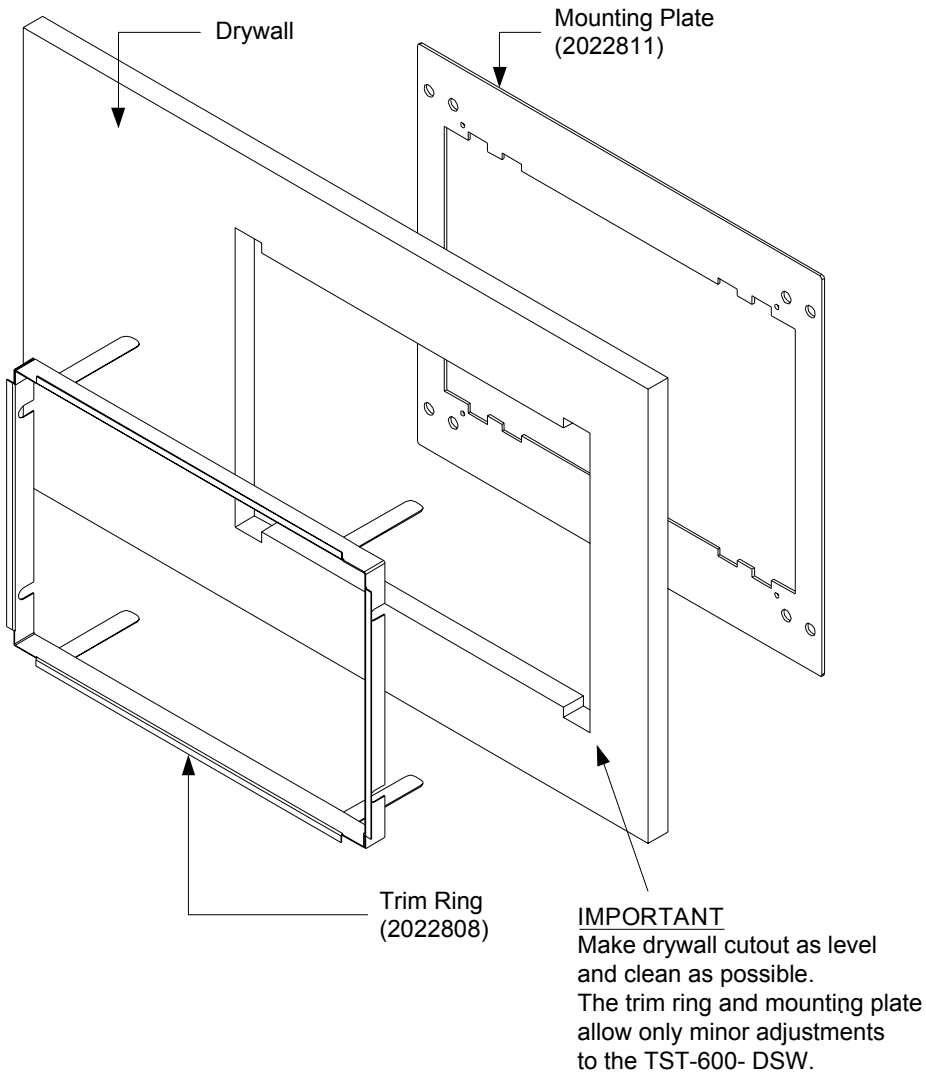
NOTE: The TST-600-DSW-WMKT has been optimized for mounting in 5/8" (15 mm) drywall. It is possible to mount in 1/2" – 1" (13 mm – 25 mm) drywall without issue. Thinner or thicker drywall causes issues with installation.

1. Locate an area on the wall that is free of miscellaneous wiring and studs.
2. Make a small hole near the middle of the designated site and verify the location is suitable.

NOTE: Make the cutout as level and smooth as possible. The mounting plate allows for only minor leveling adjustments. If a larger cutout is made accidentally, consider purchasing the Crestron Mud Mount Kit, TST-600-DSW-MMK. Together with the mounting plate supplied with the TST-600-DSW-WMKT, it provides a cost-effective means of correction. Essentially, the combination of these two kits makes up the Crestron Mud Mount Kit for the wall, TST-600-DSW-WMKM. Simply follow the "TST-600-DSW-WMKM Procedure" in the latest version of the TST-600-DSW-MMK & TST-600-DSW-WMKM Installation Guide (Doc. 7457).

3. Use the drywall saw or equivalent, the level and the provided cutout template to produce a level and accurate cutout in the drywall.
4. Insert the trim ring into the opening, as shown in the following illustration.

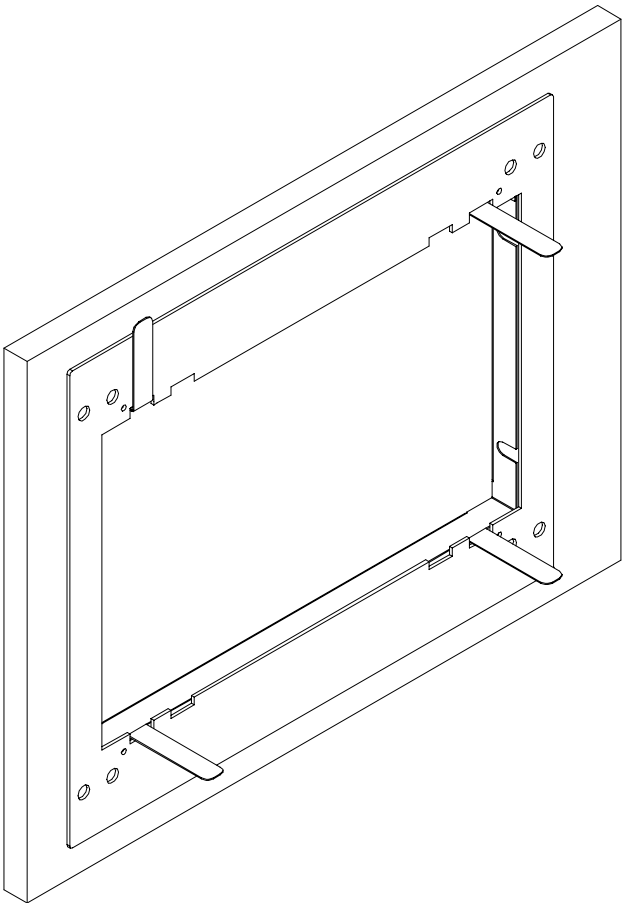
Insert Trim Ring into Opening



5. Carefully pass the mounting plate through the opening and hold it against the interior surface of the drywall.
6. When the mounting plate is in position, bend the top two flanges of the trim ring upward (approximately 90 degrees) and the bottom two flanges downward (approximately 90 degrees). Refer to the following illustration.

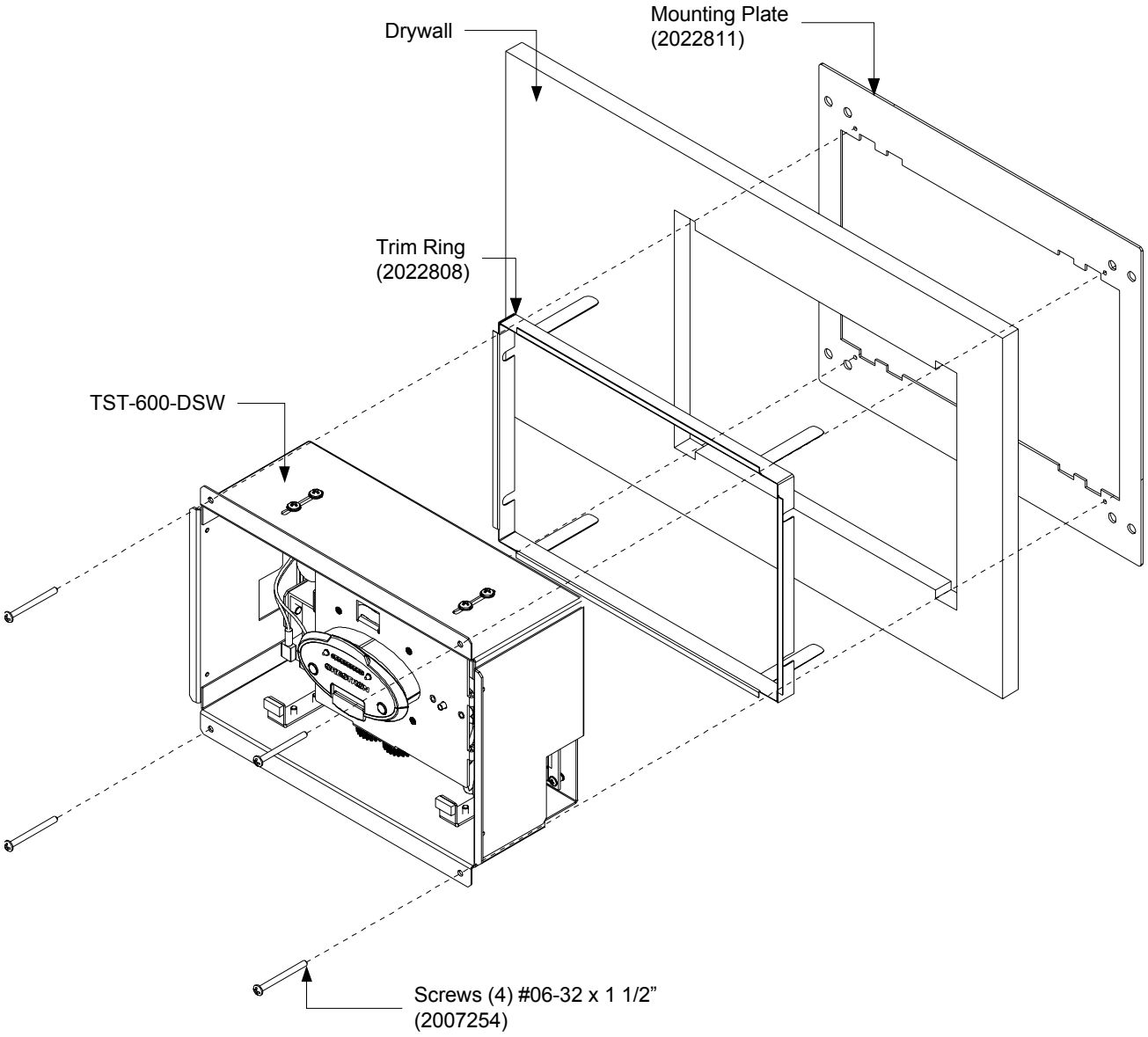
NOTE: The mounting plate has a slight amount of play. This is normal and allows for minor adjustments to the TST-600-DSW during installation.

Bend Flanges (Showing One of Four Flanges Bent)



7. Run the necessary cables for the TST-600-DSW and secure them behind the drywall.
8. The TST-600-DSW Wall Mount Docking Station can be installed using the four included #06-32 x 1 1/2" screws (2007254). Refer to the latest version of the TST-600-DSW Operations & Installation Guide (Doc. 7434) for details. Refer also to the following comprehensive illustration.

TST-600-DSW Mounting Using TST-600-DSW-WMKT (Exploded View)



Resources

Reference Documents

The latest version of all documents mentioned within the guide can be obtained from the Crestron Web site (www.crestron.com/manuals).

List of Related Reference Documents

DOCUMENT TITLE
TST-600-DSW Wall Mount Docking Station for TST-600
TST-600-DSW-BB Back Box for TST-600-DSW
TST-600-DSW-MMK & TST-600-DSW-WMKM Mud Mount Kits for TST-600-DSW
TST-600-DSW-PMK Pre-Construction Wall Mount Kit for the TST-600-DSW

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 TST-600-DSW-TMK and TST-600-DSW-WMKT, 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.

Return and Warranty Policies

Merchandise Returns / Repair Service

1. No merchandise may be returned for credit, exchange or service without prior authorization from Crestron. To obtain warranty service for Crestron products, contact an authorized Crestron dealer. Only authorized Crestron dealers may contact the factory and request an RMA (Return Merchandise Authorization) number. Enclose a note specifying the nature of the problem, name and phone number of contact person, RMA number and return address.
2. Products may be returned for credit, exchange or service with a Crestron Return Merchandise Authorization (RMA) number. Authorized returns must be shipped freight prepaid to Crestron, 6 Volvo Drive, Rockleigh, N.J. or its authorized subsidiaries, with RMA number clearly marked on the outside of all cartons. Shipments arriving freight collect or without an RMA number shall be subject to refusal. Crestron reserves the right in its sole and absolute discretion to charge a 15% restocking fee plus shipping costs on any products returned with an RMA.
3. Return freight charges following repair of items under warranty shall be paid by Crestron, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser.

Crestron Limited Warranty

Crestron Electronics, Inc. warrants its products to be free from manufacturing defects in materials and workmanship under normal use for a period of three (3) years from the date of purchase from Crestron, with the following exceptions: disk drives and any other moving or rotating mechanical parts, pan/tilt heads and power supplies are covered for a period of one (1) year; touch screen display and overlay components are covered for 90 days; batteries and incandescent lamps are not covered.

This warranty extends to products purchased directly from Crestron or an authorized Crestron dealer. Purchasers should inquire of the dealer regarding the nature and extent of the dealer's warranty, if any.

Crestron shall not be liable to honor the terms of this warranty if the product has been used in any application other than that for which it was intended or if it has been subjected to misuse, accidental damage, modification or improper installation procedures. Furthermore, this warranty does not cover any product that has had the serial number altered, defaced or removed.

This warranty shall be the sole and exclusive remedy to the original purchaser. In no event shall Crestron be liable for incidental or consequential damages of any kind (property or economic damages inclusive) arising from the sale or use of this equipment. Crestron is not liable for any claim made by a third party or made by the purchaser for a third party.

Crestron shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, Crestron makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

Crestron Electronics, Inc.
15 Volvo Drive Rockleigh, NJ 07647
Tel: 888.CRESTRON
Fax: 201.767.7576
www.crestron.com

Installation Guide – DOC. 7456A
(2035130)
12.12
Specifications subject to
change without notice.