

# Crestron **TMK-17L & WMKT-17L** Trim Ring Mount Kits

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## Installation Guide



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



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# Trim Ring Mount Kits: TMK-17L & WMKT-17L

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## Description

When a finished appearance within a neatly trimmed cutout is required, Trim Ring Mount Kits are the preferred method of mounting the Crestron Isys<sup>®</sup> TPS-17L and the Isys i/O<sup>™</sup> TPMC-17-QM-L and TPMC-17-CH-L series of wall mounted touchpanels. This application is perfect for wallpapering with a BB-17L or PMK-17L, or installing a touchpanel in a lectern.

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**NOTE:** If mounting into another material (other than drywall – for example, wood lectern, concrete, or rock) use the mounting plate, available in the post-construction kit WMKT-17L as a hole cutout template. For concrete and rock mounting material, allow for proper ventilation before mounting the touchpanel.

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There are two Trim Ring Mount Kits. The TMK-17L 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 Mount Kit (PMK-17L) or Back Box Kit (BB-17L).

The WMKT-17L is a kit that is only used when installing the touchpanel in a lectern.

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**NOTE:** If necessary, consult the latest revision of the TPS-12L/15L/17L Operations Guide (Doc. 6355) or the TPMC-15/17-L Series Operations Guide (Doc. 6354) for a complete list of mounting options.

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## Supplied Hardware

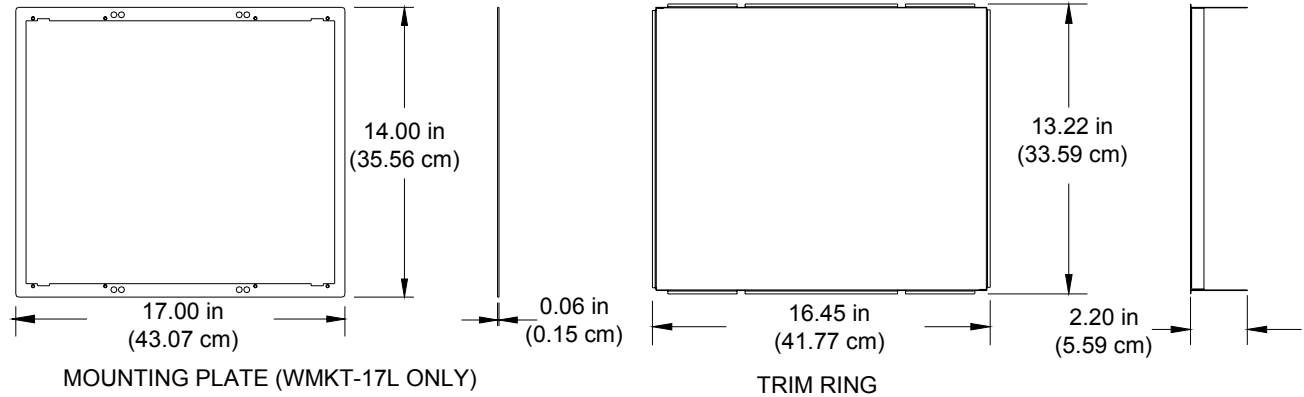
The TMK-17L consists of a metal trim ring that attaches to the PMK-17L or BB-17L. The WMKT-17L consists of the trim ring found in the TMK-17L as well as a mounting plate. The mounting plate is the part that provides the necessary support for the touchpanel.

*Supplied Hardware of the TMK-17L and WMKT-17L*

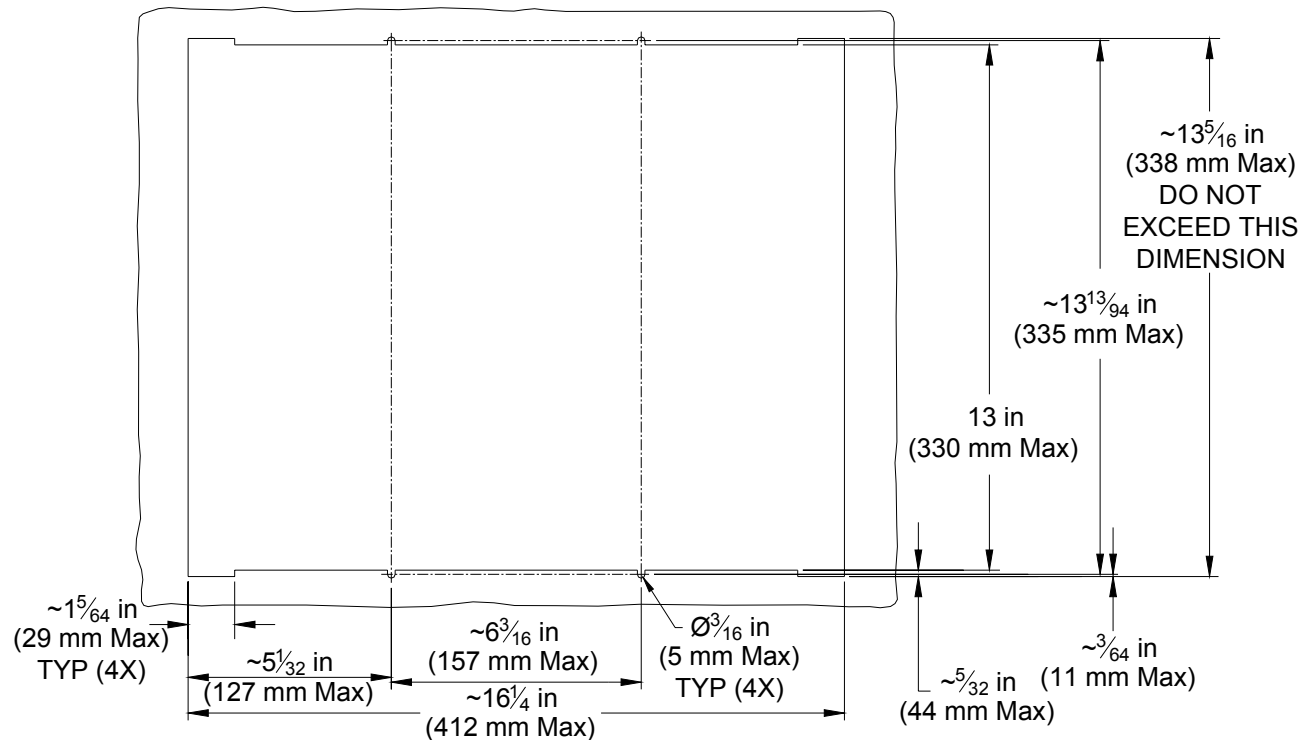
DESCRIPTION	PART NUMBER	QUANTITY
Metal Plate, Mounting (WMKT-17L only)	2013469	1
Metal Trim Ring	2013470	1

The dimensions of the TMK-17L/WMKT-17L are shown below.

**Dimensional Drawing**



**Cutout Dimensions**



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## Installation

This section provides an installation procedure for each Trim Ring Mount Kit. The procedure for the TMK-17L starts below and the “WMKT-17L Procedure” starts on page 4.

### TMK-17L Procedure

The procedure in this section provides the necessary steps for the assembly of the TMK-17L to either the PMK-17L or BB-17L. It is assumed that the PMK-17L or BB-17L has been secured to the studs according to the procedures in the latest revisions of their respective Installation Guides (Doc. 6368 and Doc. 6367, respectively). Also, it is assumed that drywall is in place and a rectangular cutout for the touchpanel is made in the drywall (refer to the cutout dimensions in the previous diagram).

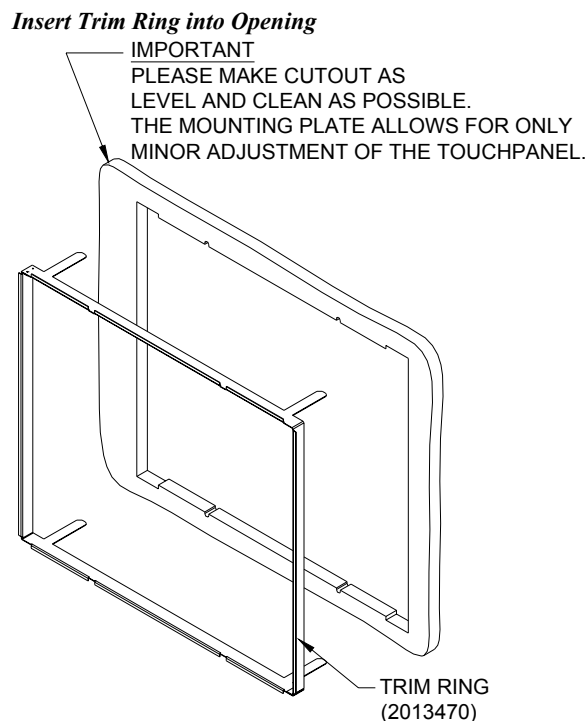
Complete the steps in the order provided. The only tool required and not supplied is a level.

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**NOTE:** When installing into the PMK-17L, verify that the 18 AWG bus wire securing the cables for the touchpanel remains attached.

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



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**NOTE:** The required PMK-17L or BB-17L is not shown.

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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 into the PMK-17L, bend the flanges approximately 90 degrees.
  - If mounting into the BB-17L, bend the flanges back as far as they can go.
4. Run the necessary cables for the touchpanel and secure them behind the drywall.
5. The touchpanel can be installed using the eight tapped holes in the PMK-17L or BB-17L. Refer to the latest revision of the TPS-12L/15L/17L Operations Guide (Doc. 6355) or the TPMC-15/17-L Series Operations Guide (Doc. 6354) for details.

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**CAUTION:** A two-foot air gap above and below the enclosure is required when positioning the BB-17L or PMK-17L.

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## **WMKT-17L Procedure**

The procedure in this section provides the necessary steps for installation of the WMKT-17L into a lectern. Complete the steps in the order provided. The only tools or materials required and not supplied are a saw and a level.

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**CAUTION:** Due to the weight of the touchpanel, the WMKT-17L should only be used in a lectern application.

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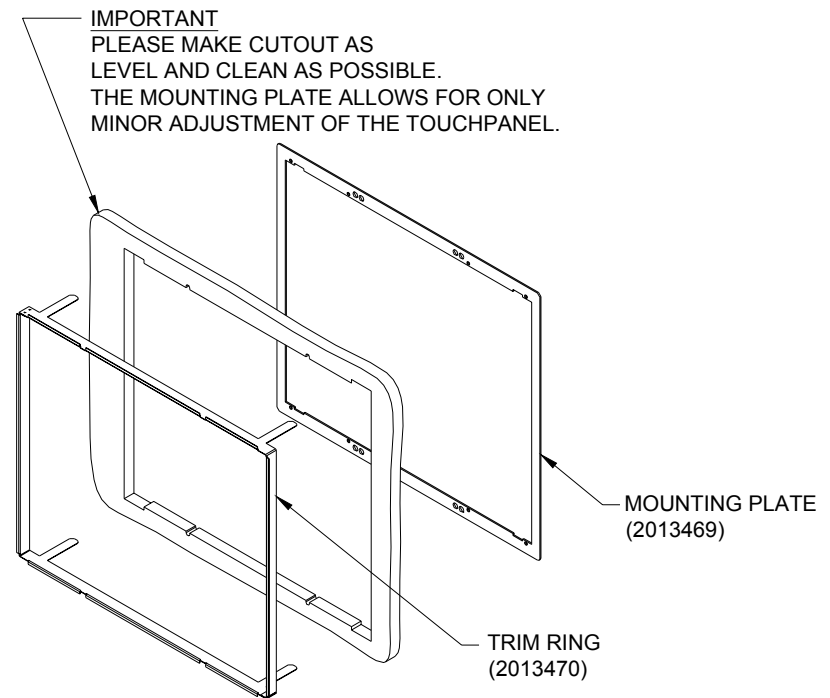
1. Locate an area on the lectern that is free of miscellaneous wiring and other obstructions.
2. Make a small hole near the middle of the designated site; verify that the location is suitable.

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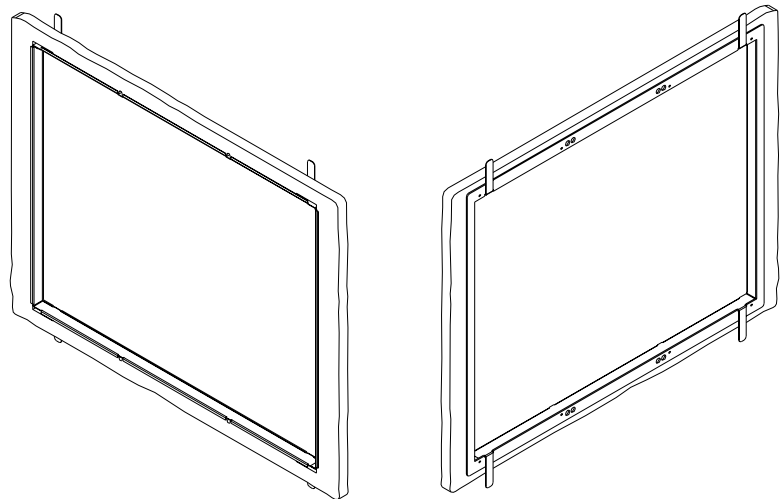
**NOTE:** Make the cutout as level and smooth as possible. The mounting plate allows for only minor leveling adjustments.

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3. Use the saw to produce a level, rectangular cutout in the lectern (refer to the cutout dimensions on page 2).
4. Insert the symmetrical trim ring into the opening, as shown in the following diagram.

*Insert the Trim Ring into the Opening*

5. Carefully pass the mounting plate through the opening and rest it against the interior surface of the mounting surface.
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 diagram.

*Bend Flanges – Front and Back View*


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**NOTE:** The mounting plate will have slight play; this is normal. It allows for minor adjustments to the touchpanel during installation.

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7. Run the necessary cables for the touchpanel and secure them behind the mounting surface.

8. The touchpanel can be installed using the eight tapped holes in the mounting plate. Refer to the latest revision of the TPS-12L/15L/17L Operations Guide (Doc. 6355) or TPMC-15/17-L Series Operations Guide (Doc. 6354) for details.

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**CAUTION:** To dissipate heat generated by the touchpanel, Crestron recommends the touchpanel be installed in a ventilated lectern for heat dissipation.

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## Further Inquiries

If you cannot locate specific information or have questions after reviewing this guide, please take advantage of Crestron's award winning customer service team by calling the Crestron corporate headquarters at 1-888-CRESTRON [1-888-273-7876]. For assistance in your local time zone, refer to the Crestron website ([www.crestron.com](http://www.crestron.com)) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron website to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.

As of the date of manufacture, the TMK-17L and WMKT-17L have been tested and found to comply with specifications for CE marking.



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## Future Updates

As Crestron improves functions, adds new features, and extends the capabilities of the TMK-17L or WMKT-17L, 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.

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1. No merchandise may be returned for credit, exchange, or service without prior authorization from CRESTRON. To obtain warranty service for CRESTRON products, 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.
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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.

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**08.05**  
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