

Crestron **1700C-BTNB-BEZEL**
Button Bezel Kit

Operations & Installation Guide



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Button Bezel Kit: 1700C-BTNB-BEZEL

Introduction

The Button Bezel Kit (1700C-BTNB-BEZEL) includes the material to add “quick” pushbuttons to a Crestron® 1700 Series touchpanel. A total of ten pushbuttons, five on each side of the LCD screen, are included in the kit. Use these buttons to access any frequently used commands with or without waking the display. Each button is engraveable and has a permanently fixed digital join number (refer to the illustration on the next page). The sequence of digital join numbers is (top to bottom) 1 through 5 on the left side and 6 through 10 on the right side.

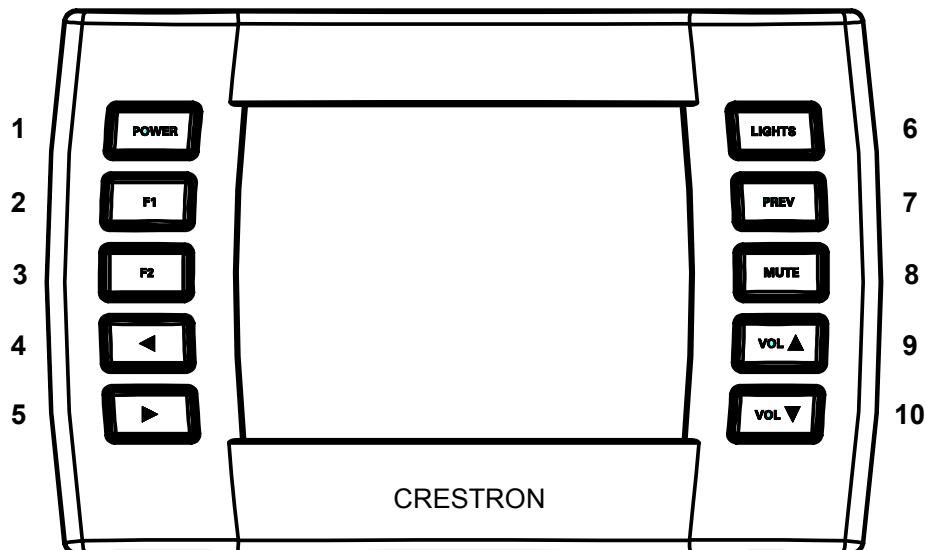
NOTE: The 1700C-BTNB-BEZEL-BLANK is an ancillary kit that offers the same material as the 1700C-BTNB-BEZEL, except that there is no engraving and the buttons are blank.

NOTE: A user may not want the LCD screen to come on after a pushbutton is pressed when the unit is off. The Startup Preference option allows the user to select whether the touchpanel’s display comes on or stays off after a pushbutton is pressed. For more information, refer to the latest touchpanel Operations Guide.

NOTE: A pushbutton can be used to flip a page (change a screen) on the touchpanel. Refer to the Crestron VisionTools® Pro-e help file (version 3.2.0.6 or later). Search the contents for ‘Hard Keys’ for direction to the appropriate “Project Properties” section.

NOTE: To successfully send a pushbutton command when the touchpanel display is dark, the user may have to press the pushbutton twice with a minimum two-second interval between presses. This method is preferred because when a panel display is inactive, the user cannot discern whether the panel is in a standby or power down state. Furthermore, a single pushbutton press may not be transmitted depending on the state of the unit. For example, the DISPLAY ON FROM HARDKEY DISABLED command in startup preferences ensures that the panel display remains inactive.

***Pushbutton Layout and Join Number Assignment
(with Sample of Custom Engraved Buttons*)***



* Use the Crestron Engraver (version 2.1.0.8 or later) to submit custom engraving requests. The Engraver requires Crestron database (version 16.1 or later).

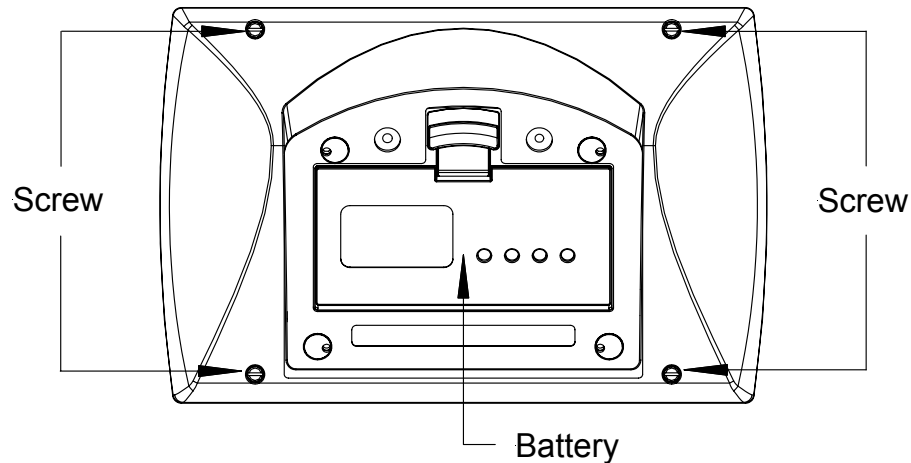
Installation

Perform the following to remove the existing bezel and install the pushbuttons, new bezel, and supporting parts onto the Series 1700 touchpanel. A #1 Phillips screwdriver is required. Refer to the illustrations that accompany the procedure.

1. Remove the battery and place the touchpanel face down on a clean padded work surface.
2. Remove the four screws that secure the front bezel to the base and return the unit to its normal position. (Use care and hold the

bezel to the rest of the panel. If the bezel separates while rotating to its normal position, the internal parts of the panel may spill out.)

Bottom View of Battery and Screws

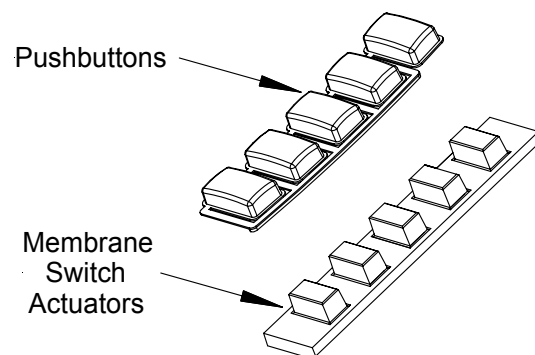


3. When in the normal position, lift the bezel from the touchpanel.
4. Cover each membrane switch actuator with pushbuttons. Observe that pushbuttons differ from each other by the markings on the back. Pushbuttons marked 1 – 5 TOP should be installed to the left of the touchpanel screen while pushbuttons marked 6 – 10 TOP should be positioned to the right of the screen.

CAUTION: DO NOT cut or separate individual pushbuttons from the left and right pushbutton assemblies. Doing so will impair their use.

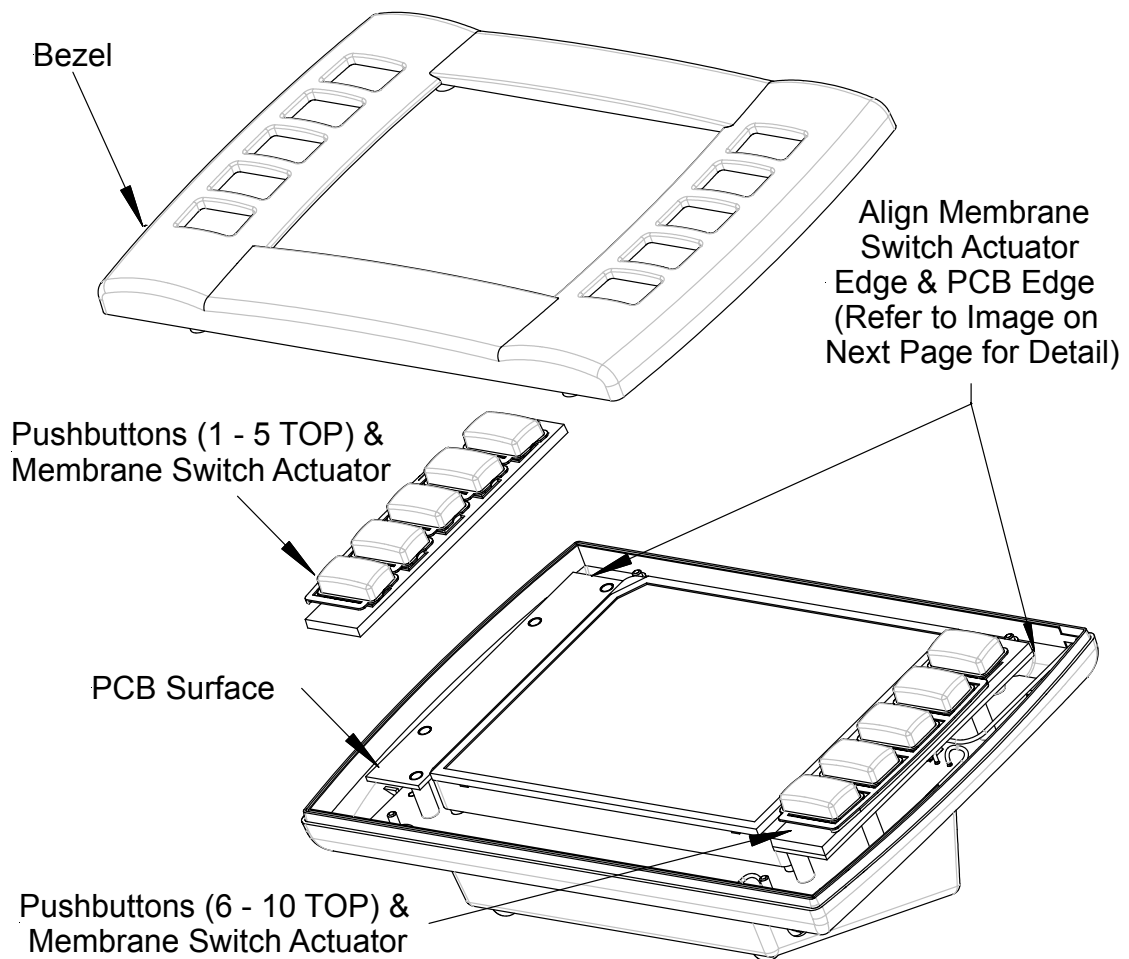
NOTE: The pushbuttons fit snugly on the membrane switch actuators.

Pushbuttons (right, 6 – 10 TOP) and Membrane Switch Actuator

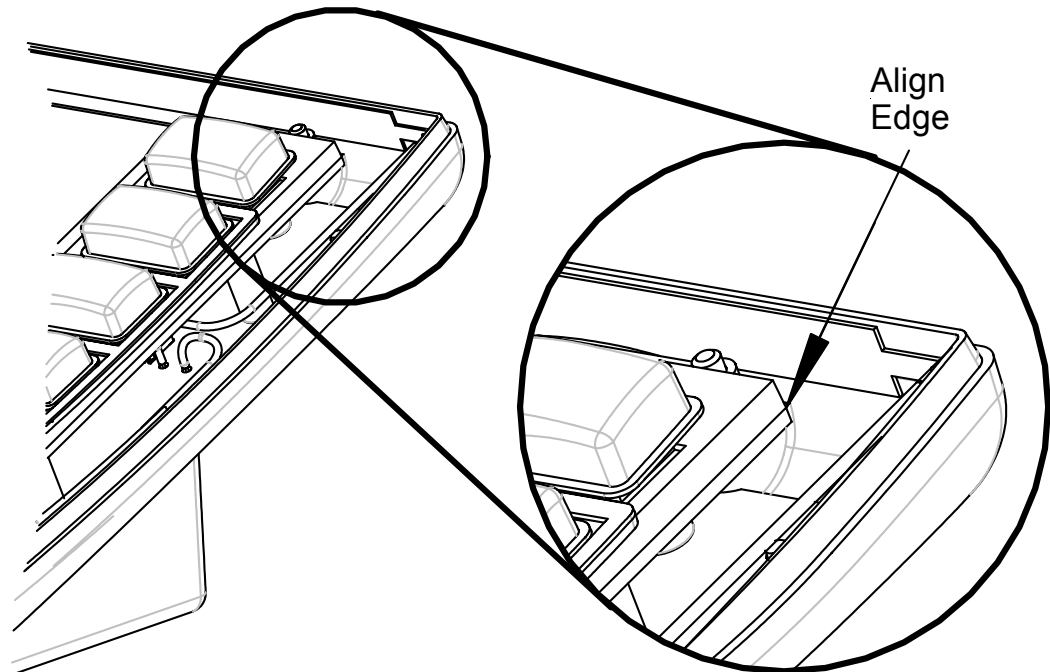


5. Position the appropriate pushbuttons/membrane switch actuator assemblies on the sides of the display, as shown in the illustration. Edge alignment ensures that the openings in the bezel will properly fit over the pushbuttons when the bezel is attached in step 6.

Exploded View of Button Bezel Kit



6. Position the new bezel (with pushbutton cutouts) over the exposed touchpanel. It may be necessary to lightly rock the bezel so that the buttons align with the holes in the bezel.
7. Hold the bezel to the touchpanel base and carefully rotate the entire panel onto its face once more.
8. Reinstall the four screws to secure the bezel to the base. Tighten the screws, being careful not to strip the threads.

Detail of Edge Alignment

9. Reinstall the battery and verify that the pushbuttons function properly.

Problem Solving

Troubleshooting

If one or more pushbuttons do not function as expected, there are two possible causes.

1. The touchpanel is an RF transceiver and is out of range.
The solution is to bring the unit back into range. Refer to the “Out of Range Feature” section in the Operations Guide of the respective touchpanel for more information.
2. A wrong SIMPL Windows program is uploaded to the touchpanel.
The solution is to upload the correct SIMPL Windows program. Refer to the SIMPL Windows help file for more information.

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) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron website (www.crestron.com) to ask questions about Crestron products. First-time users will need to 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 button bezel kit, 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 (www.crestron.com) periodically for manual update availability and its relevance. Updates are available from the Downloads | Product Manuals section and 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 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; touchscreen 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 supercedes all previous warranties.

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