

CB-4

Four Device Connecting Block



CB-4

Installation Guide

v1.1



SAFETY SUGGESTIONS

Read Instructions. Read all safety and operating instructions before operating the unit.

Heat. Keep the unit away from heat sources such as radiators, heat registers, stoves, etc., including amplifiers that produce heat.

Power Sources. Connect the docking station only to the power supply that was included with the unit.

Power Cord Protection. Route power supply cords so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to the cords at power receptacles and at the point at which they exit from the unit.

Nonuse Periods. Unplug the power supply from the outlet when the unit is to be left unused for a long period.

Water and Moisture. Do not use the unit near water—for example, near a sink, in a wet basement, near a swimming pool, near an open window, etc.

Object and Liquid Entry. Do not allow objects to fall or liquids to be spilled into the enclosure through openings.

Cleaning. The unit should be cleaned only as recommended in the operating guide.

Servicing. Do not attempt any service beyond that described in the operating guide. Refer all other service needs to qualified service personnel.

Damage Requiring Service. The unit should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the unit.
- The unit does not appear to operate normally or exhibits a marked change in performance.

LIMITED WARRANTY

Remote Technologies Incorporated warrants its products for a period of one (1) year from the date of purchase from Remote Technologies Incorporated or an authorized Remote Technologies Incorporated distributor.

This warranty may be enforced by the original purchaser and subsequent owners during the warranty period, so long as the original dated sales receipt or other proof of warranty coverage is presented when warranty service is required.

Except as specified below, this warranty covers all defects in material and workmanship in this product. The following are not covered by the warranty:

Damage resulting from:

1. Accident, misuse, abuse, or neglect.
2. Failure to follow instructions contained in this Guide.
3. Repair or attempted repair by anyone other than Remote Technologies Incorporated.
4. Causes other than product defects, including lack of skill, competence or experience of user.
5. Shipment of this product (claims must be made to carrier).
6. Being altered or which the serial number has been defaced, modified or removed.

Remote Technologies Incorporated is not liable for any damages caused by its products or for its failure of its products to perform, including any lost profits, lost savings, incidental damages, or consequential damages.

Remote Technologies Incorporated is not liable for damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation, commercial loss, any claim made by a third party or made by you for a third party.

Remote Technologies Incorporated's liability for any defective product is limited to repair or replacement of the product, at our option.

If your *CB-4* needs service, please contact Remote Technologies Incorporated by telephone, fax or e-mail for return information.

Please do not return products to RTI without return authorization.

DISCLAIMER

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Chapter 1. Introduction

DESCRIPTION

The CB-4 is an installation accessory designed to provide convenient and reliable power connections for up to four (4) RTI in-wall touchpanels. In addition to providing power, the CB-4 combines and routes the infrared outputs from the touchpanels to a single output for connection to an RTI control processor. Dual power sense inputs are provided for sharing status feedback to all of the touchpanels. Multiple CB-4 units can be daisy-chained for connecting more than four touchpanels. A 4.3 Amp, 16VDC power supply is included.

UNPACKING AND INSPECTION

After unpacking your new *CB-4* universal system controller, save all of the packing materials in case you ever have to ship the unit.

Thoroughly inspect the *CB-4* and packing materials for signs of damage. Report any damage to the carrier immediately. Report any equipment malfunctions to Remote Technologies Incorporated or an authorized Remote Technologies Incorporated distributor.

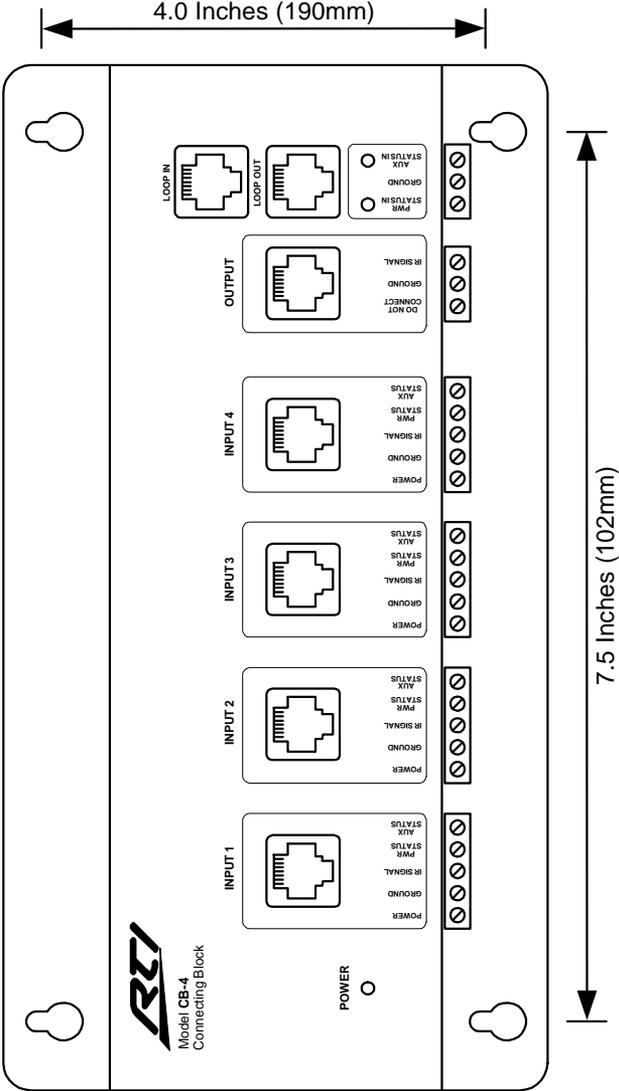
PRODUCT CONTENTS

Contents within the box include the following items:

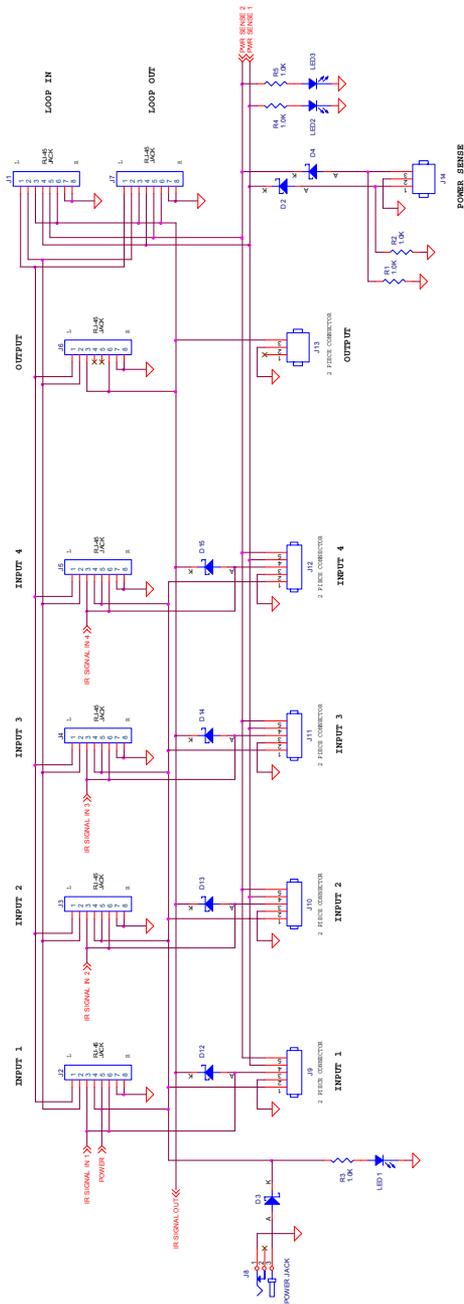
- One (1) *CB-4* connecting block
- One (1) Universal Power supply
- One (1) Power cord
- One (1) Cat-5 patch cable
- One (1) Installation guide

Chapter 2. Installation

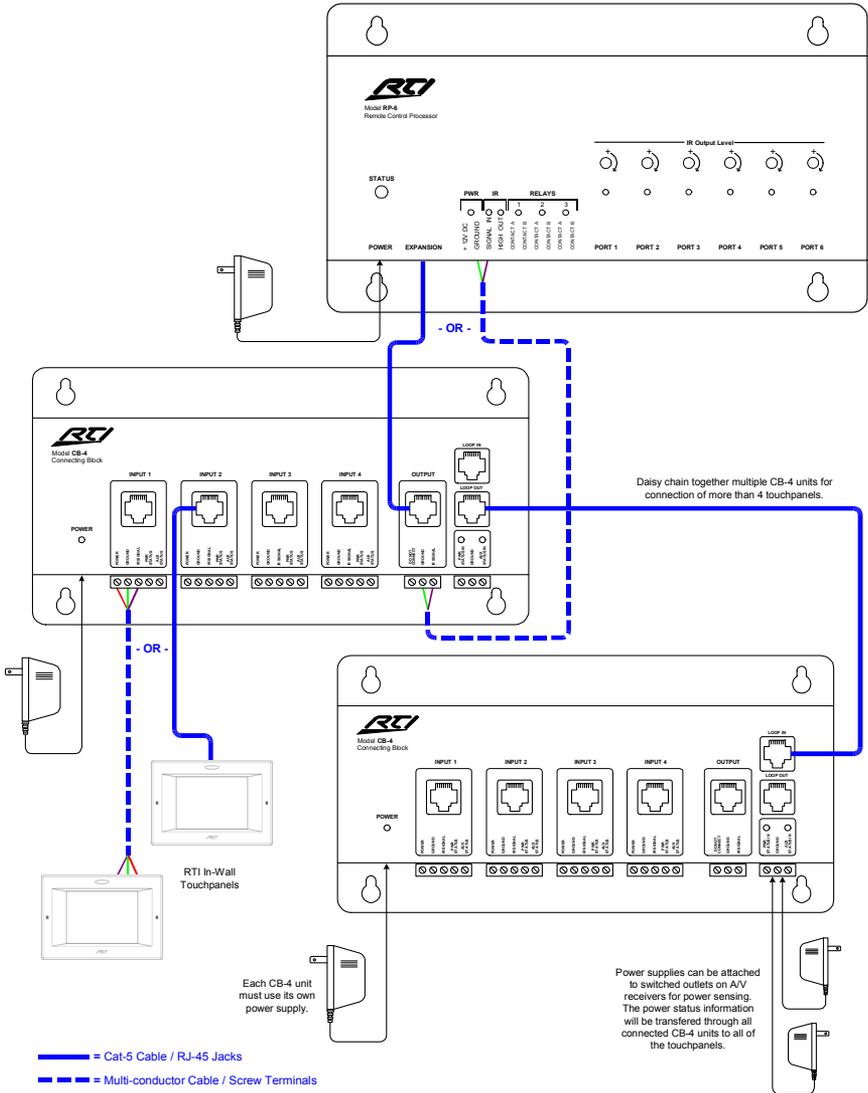
MOUNTING PATTERN



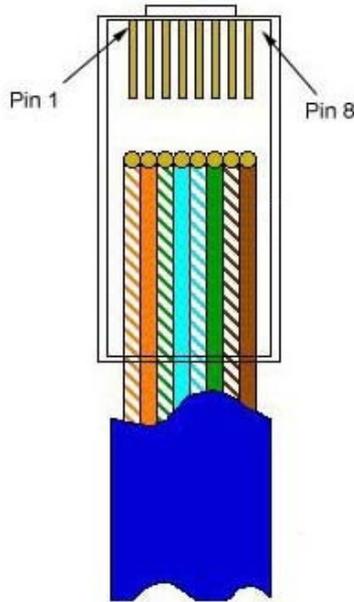
INTERNAL SCHEMATIC DIAGRAM



CONNECTION OPTIONS



NOTE: All RJ-45 plugs should be attached to Cat-5 cable using the EIA/TIA 568B standard.



<u>Pin #</u>	<u>Color</u>
1	White with orange stripe
2	Solid orange
3	White with green stripe
4	Solid blue
5	White with blue stripe
6	Solid green
7	White with brown stripe
8	Solid brown

Chapter 3. Service and Support

UPDATES AND NEW PRODUCTS

For news about the latest updates, new product information and accessories, please visit our web site at:

www.rticorp.com

CONTACTING REMOTE TECHNOLOGIES INCORPORATED

For general info, you can contact RTI at:

Remote Technologies Incorporated

Tel. (952) 253-3100

Fax (952) 253-3131

info@rticorp.com

www.rticorp.com

RTI TECHNICAL SUPPORT

At RTI, customer service and satisfaction is an utmost priority. If you are encountering any problems or have a question about your RTI product, please contact RTI Technical Support for assistance.

RTI provides technical support by telephone, fax or e-mail. For the highest quality service, please have the following information ready, or provide it in your fax or e-mail.

- Your Name
- Company Name
- Telephone Number
- E-mail Address
- Product model and serial number (if applicable)

If you are having a problem with hardware, please note the equipment in your system, a description of the problem, and any troubleshooting you have already tried.

If you are having a problem with software, please note what version you have installed, the operating system on your PC, a description of the problem, and any troubleshooting you have already tried.

If you are calling about a software or programming question or problem, please be at your computer when you place your call. This will considerably speed up the troubleshooting process.

For **Technical Support** or assistance with your RTI product, contact RTI at:

(952) 253-3137

support@rticorp.com

www.rticorp.com/support

For questions regarding **Service or Repair** of your RTI product, contact RTI at:

(952) 253-3136

service@rticorp.com

www.rticorp.com/service

Please do not return products to RTI without return authorization.

Specifications

Power Supply	16 VDC, 4.3A
Maximum Current per Port	1.5A
PWR/AUX Status Input Voltage	9VDC - 16VDC
Enclosure	Formed steel, black powder coating
Dimensions	Height: 5.0in. (127mm) Width: 9.4in. (239mm) Depth: 1.0in. (25.4mm)
Mounting	Wall-mount or free standing
Weight	12.6oz (359g)
Warranty	One Year (Parts & Labor)

All specifications are subject to change without notice.

It's Under Control®



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