BPC(I)-8
onCue® Basic Presentation Controller

DO Install the Device

NOTE: The BPC-8 and BPCI-8 are functionally similar. For simplicity within this guide, the term "BPC-8" is used except where noted.

The hardware supplied with the BPC-8 is listed in the DO Check the Box table.

The following tools are required for installation of a BPC-8:

1. Phillips screwdriver (not included)

2. Two #6-32 x 1" pan head Phillips screws (included)

3. Two 4-pin detachable terminal block connectors (included)

Install a Conductor Cable

Install a 4-conductor cable (minimum 24 AWG) with 50ft (~15m) maximum length (not included) between a 1-gang electrical box for the BPC-8 and the location of the BMP-8-IMC interface module.

Refer to the pin connections shown in the installation diagram below and connect the supplied 4-pin detachable connectors to each end of the cable.

Mount the BPC-8 into an Electrical Box

Connect the preinstalled cable to the 4-pin terminal block on the rear of the button assembly, and then mount the BPC-8 to a 1-gang electrical box as shown in the following diagram.
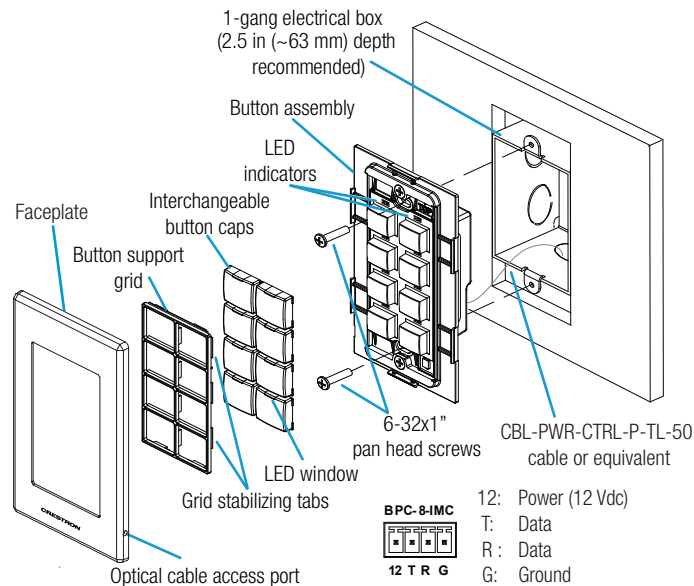
DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
1	Button Assembly		4512112
1	Module, Interface		4511874
1	Emitter Probe, IR, Crestron STRIP	Black	2001137
1	Fastener, Dual Lock, 2.5" x 1"		2005414
2	Connector, 4-Pin		2003576
2	Screw, 6-32 x 1", Pan Head, Phillips		2007251
	BPC-8 Only		
1	Power Pack, 12 Vdc 0.5 A, 100-240 Vac		2045853
	BPCI-8 Only		
1	Power Pack, 12 Vdc 0.5 A, 120-240 Vac		2045884
1	Bracket, Mounting, Single Gang		2030802

1. Remove the faceplate by snapping it off the button assembly.

   NOTE: Use care when removing the faceplate, as it holds the button support grid and button caps in place.

2. Ensure the button unit is oriented with the arrow at the top, and then insert the unit into the electrical box and attach it using the supplied #6-32 x 1" screws.

3. Return the button caps to their original positions on the button assembly with LED windows oriented upward to match each LED indicator.

4. Install the button support grid with stabilizing tabs to the rear, put the faceplate in position (optical cable access port on the lower right), and snap it into place.
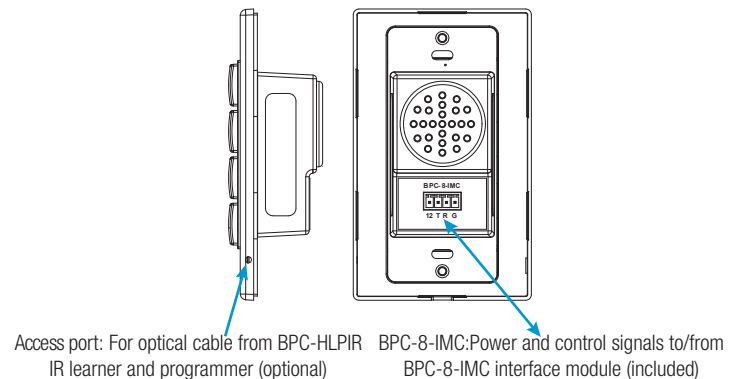
Mount the BPC-8-IMC

Mount the BPC-8-IMC onto an appropriate surface at the display location using the supplied hook and loop tape.

DO Connect the Device

Make connections to the BPC-8 using Crestron® power supplies for Crestron equipment. Apply power after all connections have been made.
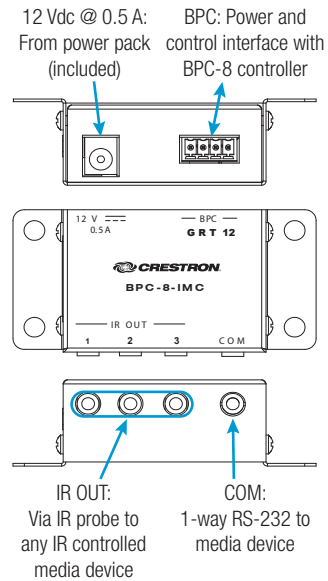
Connect the BPC-8

Access port: For optical cable from BPC-HLPIR IR learner and programmer (optional)

BPC-8-IMC:Power and control signals to/from BPC-8-IMC interface module (included)

Connect the BPC-8-IMC

1. Connect the preinstalled cable to the 4-pin terminal block connector, and then connect the IR emitter probe(s) or the RS-232 cable (not included), as needed, to the BPC-8-IMC.

2. Connect the power pack to AC power and to the BPC-8-IMC.

WARNING: Incorrect wiring may damage the BPC-8. The 4-pin detachable connectors should not be connected to a Cresnet® network or any Cresnet devices.

12 Vdc @ 0.5 A: From power pack (included)

BPC: Power and control interface with BPC-8 controller

12 V ⎓ 0.5 A — BPC — G R T 12

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BPC-8-IMC

— IR OUT —
1   2   3   COM

IR OUT: Via IR probe to any IR controlled media device

COM: 1-way RS-232 to media device

DO Configure the Device

The BPC-8 supports custom software configuration files and interchangeable button caps for various presentation control applications. For more information on configuring and operating the BPC-8, refer to the BPC(I)-8 Supplemental Guide (Doc. 7100) at www.crestron.com/manuals.

DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

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Specifications subject to change without notice.