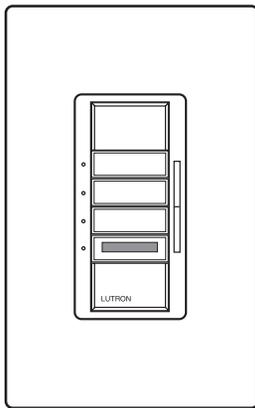# LUTRON®

For Your Information ...

Additional Wiring Configurations for the Spacer System™ Remote Wall Mounted Master Control (SPS-5WCR)
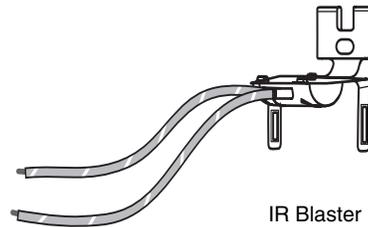
Overview

The *Spacer System* Remote Wall Mounted Master Control (SPS-5WCR) is a communication device that is used to transmit lighting commands to *Spacer System* dimmers in remotely located wallboxes.

When a button on the Remote Wall Mounted Master Control is pressed or if the Remote Wall Mounted Master Control receives an infrared (IR) signal (from a hand-held remote control for example), the Remote Wall Mounted Master Control sends a signal to a hard-wired "IR Blaster." The IR Blaster is a device located in a wallbox of *Spacer System* dimmers. When the IR Blaster receives the signal from the Remote Wall Mounted Master Control, it transmits commands to the dimmers via an IR signal.
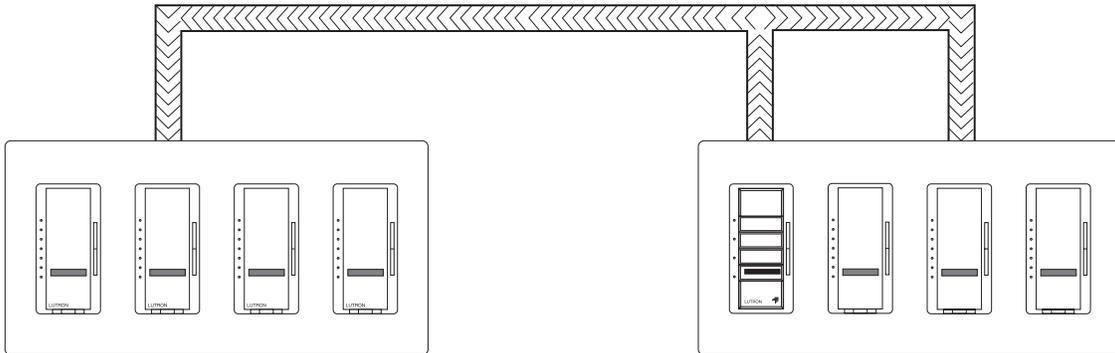

Remote
Wall Mounted
Master Control
(SPS-5WCR)

IR Blaster

The intended use of this product is for one Remote Wall Mounted Master Control to be able to control up to two wallboxes of dimmers with no more than five dimmers in each wallbox.

With the proper wiring and functionality considerations, it is possible for the Remote Wall Mounted Master Control to control dimmers in its own wallbox and work with other Remote Wall Mounted Master Controls. The following pages describe such applications and the manner in which the system must be configured in order for it to work correctly. **Note:** Please refer to the SPS-5WCR instruction sheet for details on installation of the Remote Wall Mounted Master Control and IR Blasters.

Need additional assistance? Call the Lutron Technical Support Center *1-800-523-9466*
Please provide exact model number when calling.

Application A

Using a Remote Wall Mounted Master Control with *Spacer System* dimmers that are in the same wallbox as well as with *Spacer System* dimmers that are in a separate wallbox.
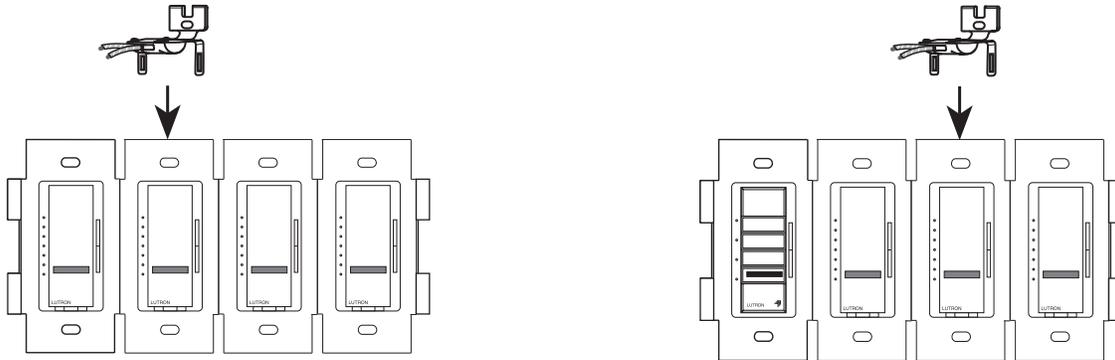
Note:
In this configuration, the Remote Wall Mounted Master Control will not respond to hand-held remote controls. Hand-held remote controls will work with the dimmers.
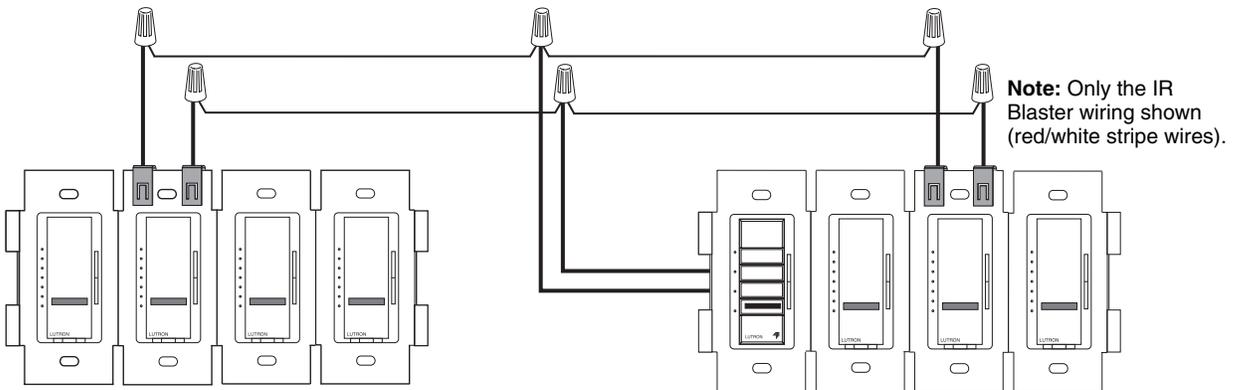
Installation

Step 1: Mount the IR Blasters.
Attach an IR Blaster to one of the center-most dimmers in each wallbox.

Step 2: Wire the Remote Wall Mounted Master Control to the IR Blasters.
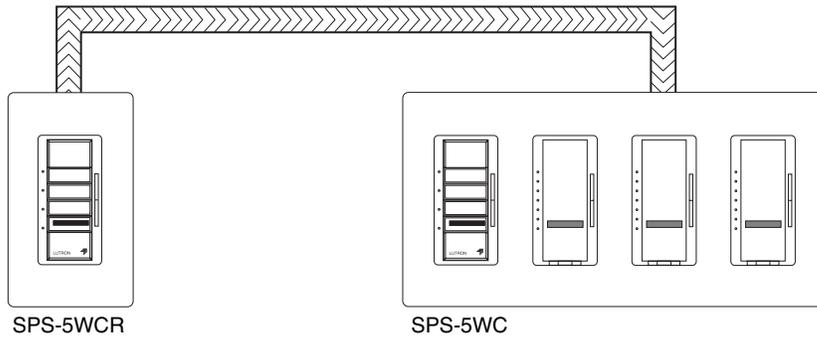Connect the Remote Wall Mounted Master Control to the IR Blaster in each wallbox.

Note: Only the IR Blaster wiring shown (red/white stripe wires).

Step 3: Disable the IR Rebroadcasting.
To disable the IR rebroadcasting af a Remote Wall Mounted Master Control see page 5.

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Application B

Using a Remote Wall Mounted Master Control to control a wallbox that contains *Spacer System* dimmers and another Wall Mounted Master Control.
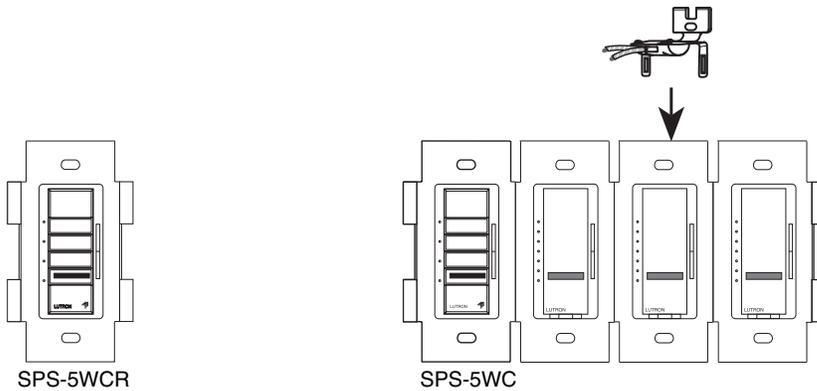
SPS-5WCR   SPS-5WC

Note:
In this configuration, the SPS-5WC in the multigang wallbox **does not** update the scene LEDs of the SPS-5WCR in the single gang wallbox.
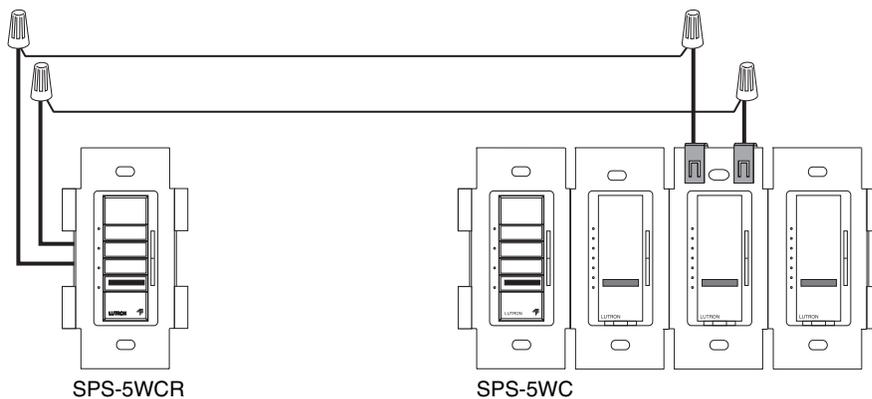
Installation

Step 1: Mount the IR Blaster.
Attach an IR Blaster to the centermost dimmer in the multigang wallbox.

SPS-5WCR   SPS-5WC

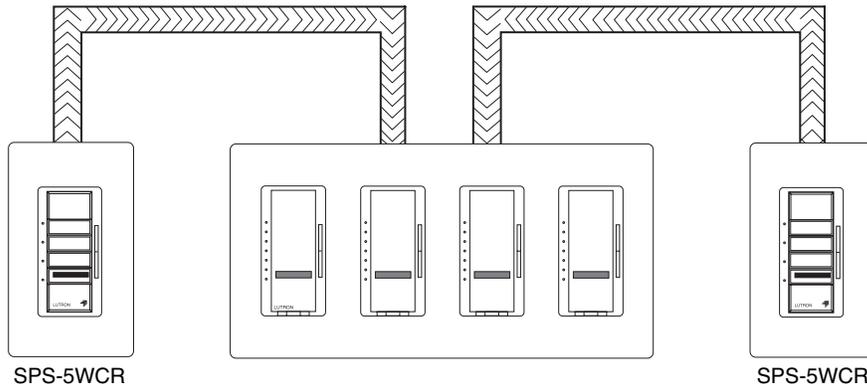**Step 2: Wire the Remote Wall Mounted Master Control to the IR Blaster.**
Connect the Remote Wall Mounted Master Control in the single gang wallbox to the IR Blaster in the multigang wallbox.

Note: Only the IR Blaster wiring shown (red/white stripe wires).

SPS-5WCR   SPS-5WC

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3

Application C

Using two individually mounted Remote Wall Mounted Master Controls to control a wallbox of *Spacer System* dimmers, there are two possible methods.
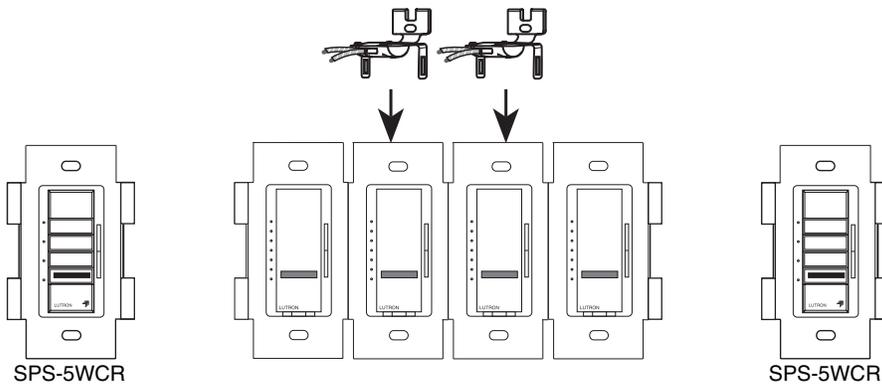
SPS-5WCR   SPS-5WCR

Note:
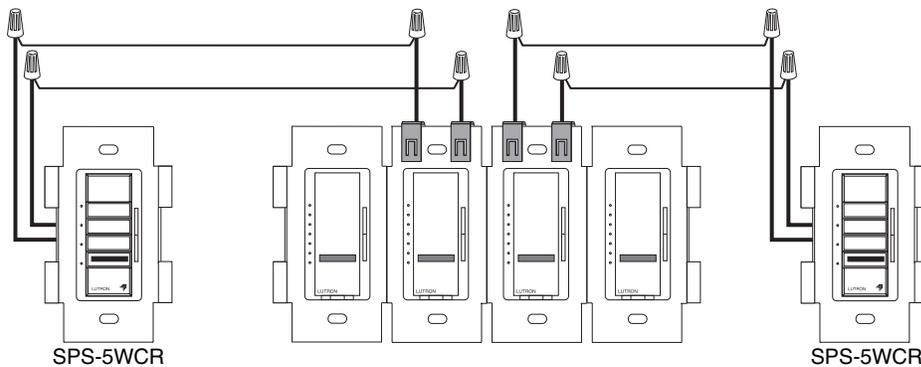In this configuration, each SPS-5WCR is unable to update the scene LEDs of the other SPS-5WCR.

Installation -

Step 1: Mount the IR Blasters.
Attach an IR Blaster to each of the two centermost dimmers in the multigang wallbox.

SPS-5WCR   SPS-5WCR

Step 2: Wire the Remote Wall Mounted Master Controls to the IR Blasters.
Connect one of the Remote Wall Mounted Master Controls to one of the IR Blasters in the wallbox of dimmers.
Connect the other Remote Wall Mounted Master Control to the other IR Blaster in the wallbox of dimmers.

Note: Only the IR Blaster wiring shown (red/white stripe wires).

SPS-5WCR   SPS-5WCR

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Selecting the IR Rebroadcasting Preference

Note: This can be performed on the Remote Wall Mounted Master Control only. This function is not available on any hand-held remote control.
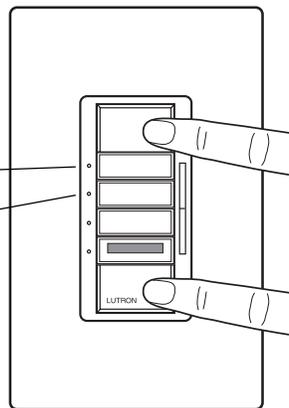
To select the IR Rebroadcasting Preference:

1. Press and hold the top and bottom buttons (full ON and OFF) until one of the LEDs begin to blink (approximately 2 seconds). The blinking LED indicates whether the Remote Wall Mounted Master Control is set for Application A or B as shown by the diagram below.

2. Once the LED begins blinking, continue to hold the top and bottom buttons until the initial LED stops blinking and the other scene LED begins blinking (approximately 2 additional seconds). This indicates that the Remote Wall Mounted Master Control has successfully changed between Applications A and B.

3. Release the buttons.

LEDs - Indicate current mode.

Application A - IR Rebroadcasting Enabled

Application B - IR Rebroadcasting Disabled

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If you need assistance call the toll-free **Lutron Technical Support Center.** Please provide exact model number when calling.
(800) 523-9466 (U.S.A. and Canada)
Other countries call (610) 282-3800
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