



# System Remote Control SR-250 Setup Guide

## Use and Features

Control4 System Remote Control SR-250 (Model C4-SR250-Z-B) is intended for use in a Control4® system. It is included with the purchase of select Control4 Controllers, but may also be purchased separately. This System Remote Control can be used to:

- Navigate system menus and access media databases on a television or monitor
- Navigate system menus and access media databases in its own display window
- Control system devices

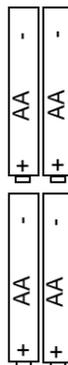
This System Remote Control goes beyond a typical “universal” remote that simply learns IR codes from TVs, VCRs, CD players, and DVD players. This device features:

- Bi-directional communication with system components
- ZigBee wireless mesh networking
- Full access to system components
- Back-lighting on keys and display for ease of use in dark rooms
- Quick-access buttons to select recently used audio and video devices
- Programmable buttons
- Paging functionality
- Standard control features for: Digital Satellite Systems (DSS), Cable Boxes, TV Tuners, Digital Video Recorders (DVR), DVD Changers/Players, CD Changers/Players, MP3 Players, VCRs, or TVs.
- Powered by four AA batteries (included)

## Install and Maintain Batteries

### Install Batteries

Install the four (4) AA batteries (included with the product) into the back of the device. Ensure that you insert them into the System Remote Control according to the diagram provided in the battery compartment (with the + and - terminals aligned correctly).



### Battery Use and Care Tips

- Keep battery contacts and compartment clean.
- Remove batteries from the System Remote Control if it is not expected to be in use for several months.
- Extreme temperatures reduce battery performance. Avoid putting the System Remote Control in very warm places.

## Battery Replacement Safety Rules

**CAUTION!** To prevent battery shorting, leakage or rupture:

- Use AA Alkaline batteries only in the System Remote Control.
- Do not mix battery types, such as Alkaline and rechargeable NiMH batteries.
- Do not attempt to recharge a battery unless the battery is specifically marked “rechargeable.”
- Never dispose of batteries in a fire.

**Attention !** Pour empêcher court-circuiter, fuite ou rupture de batterie :

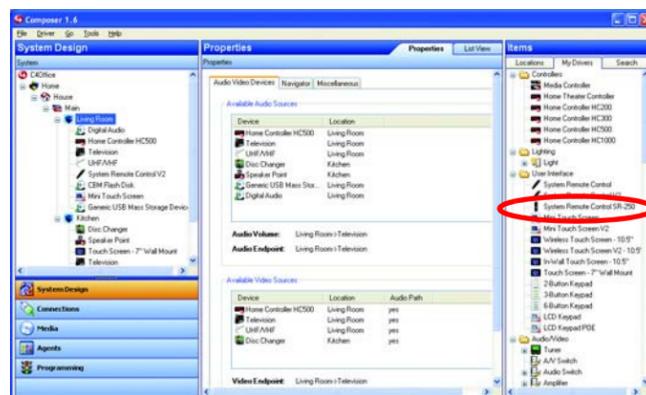
- Utilisez les accumulateurs alcalins d'AA seulement dans le commutateur.
- Ne mélangez pas les types de batterie, tels que les batteries alcalines et rechargeables de NiMH.
- N'essayez pas de recharger une batterie à moins que la batterie soit spécifiquement marqué « rechargeable ».
- Ne vous débarrassez jamais des batteries dans un feu.

**Vorsicht!** Das Batteriekurzschluß, -durchsickern oder -abbruch verhindern:

- Benutzen Sie AA alkalische Batterien nur im Schalter.
- Mischen Sie nicht Batteriearten, wie alkalische und nachladbare NiMH Batterien.
- Versuchen Sie nicht, eine Batterie neuzuladen, es sei denn die Batterie ist spezifisch gekennzeichnetes „nachladbares.“
- Entledigen Sie nie sich Batterien in einem Feuer.

## Configure the Remote Control

- 1 Start **Composer** and connect to the Controller.
- 2 In the System Design view (selected by default), select the **room** where the System Remote Control will reside.
- 3 Under the My Drivers tab, locate the **SR-250** under the User Interface section.



- 4 Double-click **SR-250** to add the device to the project tree.
- 5 Identify the SR-250:
  - a. In the Connections view, go to the **Network** tab.
  - b. Select **System Remote Control SR-250** in the center pane.
  - c. Click **Identify** (or right-click and choose **Identify**).
  - d. When prompted to do so, press the red **4** button four (4) times to have the device identify itself to the Control4 system.
  - e. Once the MAC address appears in the window, click **Close**.

- 6 View or change the System Remote Control **properties** as needed in Composer: In the System Design view in the project tree, select the **System Remote Control SR-250** object to display the device's properties. The properties include:

- **Screen Backlight** — Set the light level (brightness) of the screen backlight. Choose a percentage from 0 (Off) to 100 (full brightness).
- **Keypad Backlight** — Set the light level (brightness) of the keypad backlight. Choose a percentage from 0 (Off) to 100 (full brightness).
- **Sleep Mode**—Set how long the System Remote Control stays awake after no activity. The default setting is 15 seconds, but can be extended up to 60 seconds or can be reduced down to 0 to conserve battery life.
- **Battery Level** — Displays the current strength of the batteries.
- **Channel** — Displays the ZigBee channel (1-14) set for the SR-250, which should match the ZigBee channel set for the controller.
- **Gateway** — Displays the MAC address of the Zigbee server (usually your Controller unless you specify differently).
- **MAC** — Displays the System Remote Control's own MAC address.
- **Firmware Version** — Displays the current firmware version.

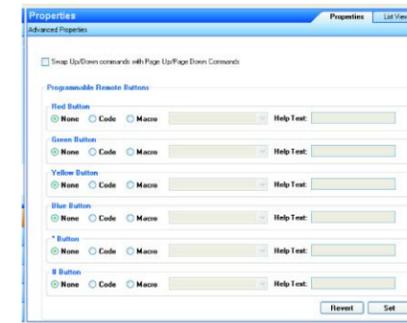
- 7 Check or change the ZigBee Channel: If you need to change the ZigBee channel to match the Controller's channel (which is sometimes changed to improve reception), do the following at the SR-250:
  - a. Press the **List** button once or twice to display menu options.
  - b. Press buttons **2, 4, 8, 6, #, \*, List** (in that order) to get into Edit mode.
  - c. Press the **Up/Down** arrows to change the ZigBee channel.
  - d. Press **List** to exit Edit mode and save the changes.

## Program the Programmable Buttons

On the System Remote Control Version SR-250, you can program six (6) soft buttons (Red, Green, Yellow, Blue, \*, and #) to perform programmed activities. These buttons can be programmed to execute any of the AV device's macros or IR codes. Program these options using the AV device properties page.

- 1 Start **Composer** and connect to a Director.
- 2 Ensure the **System Design** view is selected.
- 3 Ensure that you have the following devices in your project:
  - Controller
  - System Remote Control SR-250
  - An AV device to be controlled
- 4 Select **Connections** view.
- 5 On the Network tab, ensure the Controller and the System Remote Control are both network identified (have a network address).

- 6 Program the programmable buttons (Red, Green, Yellow, Blue, \*, or #) either based on the selected AV device or the selected room.



**Based on AV Device (pictured):**

- a. Select the **System Design** view.
- b. Select an AV device to display the device's Properties page.
- c. On the device's Properties page, choose **Code** or **Macro** for the button you want to program, and then choose a code or macro from the drop-down list, edit the Help text as needed, and then choose **Set**.

**Note:** Help text describes custom programming to end-users under the House option in any of the Navigators.

For example: (1) In System Design view, select **Disc Changer**. (2) Under Red button, choose **Code**. (3) From the drop-down list, choose **Subtitle**. (4) Choose the **Set** button to create a Subtitle button.

**Based on Room (not pictured):**

- a. Select the **Programming** view.
- b. Select a **room** in the Device Events pane.
- c. Select the **Commands** radio button in the [Room] Events pane.
- d. Use the drop-down menu to select a command or button (such as “Blue Button”).
- e. Build the script using items from the Actions pane to program the actions desired in the selected room when you select the command or button.

For more information about programming, refer to the Composer Help file.

## Program the System Remote Control Paging Feature

You can configure the Beep paging feature of this System Remote Control through programming. This feature can be used to page a lost System Remote Control. A keypad or custom button can be programmed to cause the System Remote Control to beep when pressed. This would allow the user to find the lost System Remote Control.

To program the paging feature for this System Remote Control:

- 1 Start **Composer** and connect to a Director.
- 2 Select the **Programming** view.
- 3 Select the **Event** that you want to use to start the page. For example, to select a **keypad** button press, first select the **keypad** under the Device Event section (on the left), and then select the **button** under Events.
- 4 In the Actions list (on the right), select **System Remote Control SR-250**.
- 5 In the Commands list, choose an **action** for the System Remote Control, and then double-click the **green arrow** to add the action to the script.

- **Beep until button press**—The System Remote Control beeps until you press one of its buttons.
- **Beep for X seconds (<254)**—The System Remote Control beeps until X seconds have elapsed, or you press one of its buttons.
- **Stop Beep**—The System Remote Control stops beeping.

## Regulatory Compliance



### FCC

FCC ID: R33C4SR250Z

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 **IMPORTANT!** Changes or modifications not expressly approved by Control4 could void the user's authority to operate the equipment.

**Important !** Les changements ou les modifications pas expressément approuvés par Control4 ont pu vider l'autorité de l'utilisateur pour actionner l'équipement.

**Wichtig!** Die änderungen oder änderungen nicht ausdrücklich genehmigt durch Control4 konnten die Berechtigung des Benutzers aufheben, um die Ausrüstung laufen zu lassen.

### Industry Canada

Canadian ID: 7848A-C4SR250Z

This Class B digital apparatus complies with Canada ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### Australian/New Zealand Compliance

- AS/NZS 4268:2003 + A1:2005 & A2:2006.



### CE Declaration of Conformity



#### European Contact Information

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USA Tel (801) 523-3100

Product: **System Remote Control**, Model No: **C4-SR250-Z-B**

*The undersigned hereby declares, on behalf of Control4 Corporation, that the above-referenced product, to which this declaration relates, is in conformity with the provisions of:*

- Council Directive 89/336/EEC (May 3, 1989) on Electromagnetic Compatibility
- Council Directive 1999/5/EC (Mar 9, 1999) on Radio & Telecommunication Terminal Equipment (R&TTE)
- Council Directive 73/23/EEC (Feb 19, 1973) on Low Voltage Equipment Safety
- Council Directive 93/68/EEC (Jul 22, 1993) Amending Directives 89/336/EEC and 73/23/EEC

*and has been tested to the requirements of, and shown to be in compliance with, the following requisite standards:*

- EN 55022: 2006 Information Technology Equipment, Class B.
- EN 55024:1998+A1+A2 Information technology equipment - Immunity characteristics - Limits and methods of measurement.
- EN 300 328-2 V1.4.1 — Wide band transmission systems; data transmission equipment operating in the 2.4GHz ISM band. Harmonised EN covering essential requirements under Article 3(2) of the R&TTE Directive.

*The Technical Construction File required by these Directives is maintained at the corporate headquarters of Control4, Salt Lake City, Utah, U.S.A.*

Signed, Brett Molen—Vice President, Engineering, August 27, 2008

### Recycling

For information on recycling, please go to [www.control4.com/recycling](http://www.control4.com/recycling)



## Limited 2 Year Warranty

This device has a limited two (2) year warranty on parts from the date of purchase. Control4 will replace or repair any defective unit. Return unit to the place of purchase for replacement. For any damages incurred, the warranty will never exceed the purchase price of the device. This warranty does not cover installation, removal, or reinstallation cost. The warranty is not valid in cases where damage was incurred due to misuse, abuse, incorrect repair, or improper wiring or installation. It does not cover incidental or consequential damage. This warranty gives you specific legal rights, and you might also be entitled to other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages. In these cases, the above mentioned limitations might not apply to you. For complete warranty information, see <http://www.control4.com/dealer/>

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