

ZRC-100 Quick Setup Guide



The *ZRC-100* is a portable Z-Wave remote controller with multi-channel support. It can be configured as a primary or secondary controller within a Z-Wave home automation network. It works with almost every Z-Wave enabled devices, binary switches, dimmers, thermostats, secured door locks, binary or multi-level sensors. Users can control their Z-Wave enabled devices individually or through “Scene” control. Scene is a collection of Z-Wave devices configured to a user-preferred settings, levels, modes or operating conditions. The ZRC-100 also equipped with a backlit LCD screen and an intelligent Self Navigated Button (SNB) system. Users can setup and operate their Z-Wave devices through the LCD and the SNB system using their ZRC-100, and enjoy a networked, wireless home automation system anywhere at home.

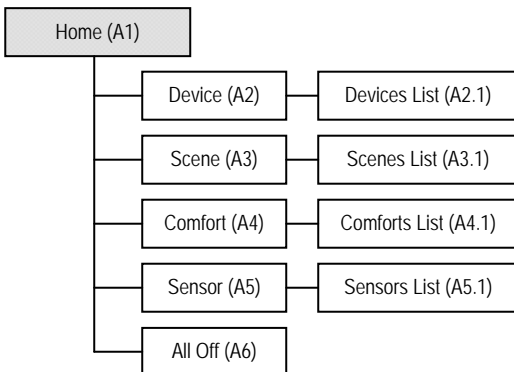




User Manual download:

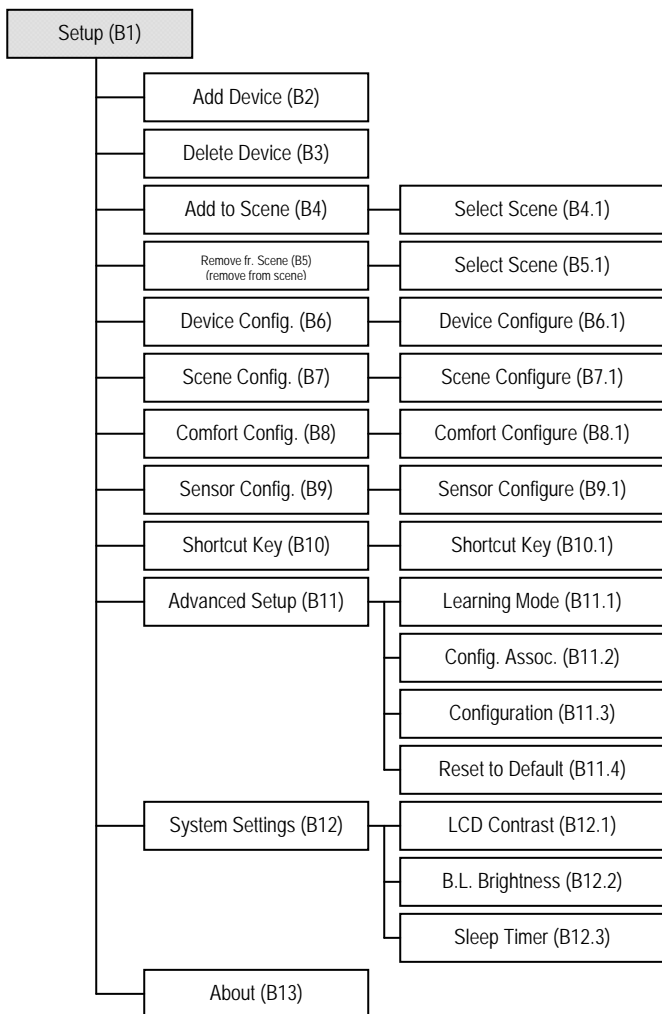
<http://www.remotec.com.hk/zaspx/support.aspx>



ZRC-100 USER INTERFACE LAYOUT

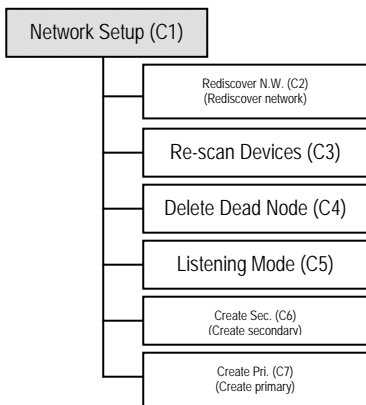
Control menu	 or 	<ul style="list-style-type: none">• Press ▲ or ▼ keys to select control category.• Press BACK key to go back to previous page.• Press and hold BACK key for 2 seconds to go back to root menu.
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Setup menu	 + 	<ul style="list-style-type: none"> • Press and hold ◀ ▶ keys simultaneously for 3 seconds to enter Setup menu. • Press BACK key to go back to previous page. • Press and hold BACK key for 2 seconds to go back to root menu.
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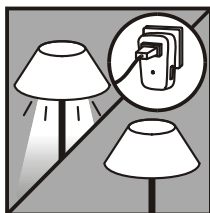
Network Setup menu	 + 	<ul style="list-style-type: none"> • Press and hold ▲▼ keys simultaneously for 3 seconds to enter Network Setup menu. • Press BACK key to go back to previous page. • Press and hold BACK key for 2 seconds to go back to root menu.
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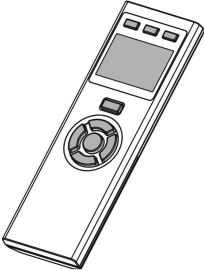

QUICK SETUP STEPS EXAMPLE

Step 1

Connect a Z-Wave device (for example, a light switch) to power supply.



Step 2


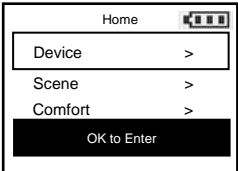
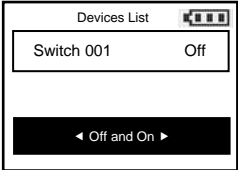
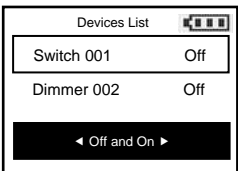
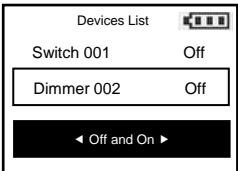
Step	Setup Key	LCD Indication
i)	<p>Press and hold ◀ ▶ keys simultaneously for 3 seconds under the Home page.</p> 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: right;">Home ▬▬▬▬</p> <hr/> <p>Device ></p> <p>Scene ></p> <p>Comfort ></p> <p style="text-align: center; background-color: black; color: white; padding: 2px;">OK to Enter</p> </div> <p style="text-align: center;">⇓</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right;">Setup ▬▬▬▬</p> <hr/> <p>Add Device ></p> <p>Delete Device ></p> <p>Add to Scene ></p> <p style="text-align: center; background-color: black; color: white; padding: 2px;">OK to Enter</p> </div>
ii)	<p>Select “Add Device” .</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right;">Setup ▬▬▬▬</p> <hr/> <p>Add Device ></p> <p>Delete Device ></p> <p>Add to Scene ></p> <p style="text-align: center; background-color: black; color: white; padding: 2px;">OK to Enter</p> </div>
iii)	<p>Press  key to add the device into Z-Wave network.</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right;">Add Device ▬▬▬▬</p> <p style="text-align: center;">Press PROG on target</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="margin-left: 10px;">>>>></div> </div> <p style="text-align: center; background-color: black; color: white; padding: 2px;">OK to Enter</p> </div>
iv)	<p>Press the program button on the target device.</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: right;">Add Device ▬▬▬▬</p> <p style="text-align: center;">Press PROG on target</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="margin-left: 10px;">>>>></div> </div> <p style="text-align: center; background-color: black; color: white; padding: 2px;">Saving Data ...</p> </div> <p style="text-align: center;">⇓</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right;">Add Device ▬▬▬▬</p> <p style="text-align: center;">Press PROG on target</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="margin-left: 10px;">>>>></div> </div> <p style="text-align: center; background-color: black; color: white; padding: 2px;">OK</p> </div>



If you can't add your Z-Wave device, this device might have been included in another Z-Wave network. In this case, please delete this device following the steps in the [Deleting Device from the Network] section then add this device again.

Step 3

After adding devices to your ZRC-100, you can turn the device using the corresponding Device Control function.

Step	Setup Key	LCD Indication
i)	Select "Device" and  key to press confirm. A corresponding Device Control page will be displayed.	 <p style="text-align: center;">⇓</p> 
ii)	For on/off switches, press ► key to turn on the device and ◀ key to turn off the device.	
iii)	To operate dimmer and motorized curtain: Press and hold the ► key until reach to your desired level and release the key to open the curtain or to increase the dimmer intensity. Press and hold the ◀ key until reach to your desired level and release the key to retract the curtain or to reduce the dimmer intensity.	

Note 1: The screen will display LOCK /UNLK if this is a secured door lock device.

Note 2: You can rename your device, please refer to user manual [step of B6 - Device Config].

FREQUENTLY ASKED QUESTIONS

Q If my Z-Wave devices had already added into my Z-Wave gateway (primary controller) network, what should I do for my ZRC-100? How to copy my scenes settings to my ZRC-100?

A Your ZRC-100 can act as a secondary controller with network information about other devices and scenes setting acquired from your gateway (primary controller).

Please refer to user manual with below steps:

- i) ZRC-100 should enter the “Learning Mode” [step of B11.1] (Replicating All Network and Device Information from a Primary Controller to your ZRC-100), for details please refer to ZRC-100 user manual.
- ii) Gateway should enter the “Inclusion Mode” to add the ZRC-100 into the network and replicating all network and device information from a primary controller to your ZRC-100, please refer to gateway user manual.
- iii) Now, ZRC-100 will act as a secondary controller. All scenes and device node information will transfer from gateway to ZRC-100, you can On/Off the scene through ZRC-100 [step of A3.1].
- iv) Your ZRC-100 will acquire scene configuration and node information only. That means you have scene copied from gateway but you need to include individual Z-Wave device by ZRC-100 if you want to use ZRC-100 to control them individually.

Q Can I include all Z-Wave devices from the network by ZRC-100 and no need to click the PROG button for each device?

A Yes! ZRC-100 provides a useful function which is “Re-scan Devices” that allows rediscovering all Z-Wave devices from the network.

Please refer to user manual with below steps:

- i) Assume all Z-Wave devices have been added by gateway.
- ii) ZRC-100 should act as a secondary controller [step of B11.1].
- iii) Execute the “Re-scan Devices” function [step of C3].

ZRC-100 will rediscover Z-Wave devices from the network, discovered devices will be re-assigned to their default categories (Devices, Comforts and Sensors), and names will be re-assigned with default naming in ascending order.



- This action may take up to 0.5-1 hour depends on how many devices are in your network, and it will wipe out all previously stored device names!

- Please make sure batteries are full before proceed!

- iv) Now, all Z-Wave devices will appear on the Device, Comfort and Sensor categories. You can rename your device individually if needed.