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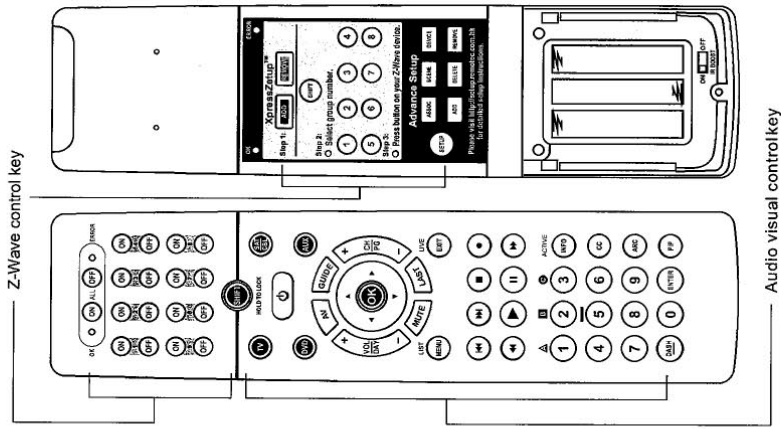
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User Manual

**Audio Visual setup and operation**  
Your Z-URC™ is a state-of-the-art device which will give you greater control over your houses electrical products than ever before. This section will guide you through the set up and operation of the audio visual products in your house. After set up please store this manual for future reference.

**PRODUCT DIAGRAM**



**Z-URC™**  
**(Z-Wave Enabled Universal Remote Control)**

**Operating Instructions**

F820-8330-0000

8330 V0.0

Front

















95 x 180mm



















**Remotec**  
MODEL RW8330 (US)

Released for  
 PRELIMINARY INFORMATION  
 QUOTATION ONLY  
 MOCK UP ONLY  
 HARD/SOFT TOOLING  
 TOOL MODIFICATION  
 TECHNICAL MANUAL  
 MANUFACTORY  
 MARKETING JAN 2

Prepared by Tim  
 Date: Jan 6, 19  
 Approved by Jan  
 Date: Jan 6, 19

**KEY FUNCTION DESCRIPTIONS**

1.  Press once to access secondary functions for the next button. Press and hold to activate shift lock for permanent use of secondary functions. Press shift again to release shift lock. The Z-JRC™ 550 operates up to 8 devices which are accessed by using the shift key and TV or DVD and so on.  
Note: The shift key is used when operating both the AV equipment and Z-Wave equipment.
2.  Turns device for remote's current mode on or off.
3.  Selects TV mode.
4.  Selects Auxiliary mode normally assigned to audio equipment.
5.  Selects satellite or cable receiver and similar devices such as DVB-T, IPTV and so on.
6.  Selects DVD player or other optical disc players such as Blue Ray, PVR and CD players.
7.  Changes the volume level of the device also in shift mode changes the day when operating your SAT/CBL device.
8.  Changes the channels when in TV, DVR, or SAT/CBL mode also in shift mode changes the page number while operating your SAT/CBL device.
9.  Scrolls through AV modes while in TV mode.
10.  Selects guide while in SAT/CBL mode.
11.  Return to the previous channel.
12.  Info while in SAT/CBL mode also Active when in shift mode.
13.  Menu, also List when in shift mode.
14.  Mute.
15.  Closed caption for teletext.
16.  Aspect ratio control.

17.  Exit, also Live for SAT/CBL mode when in shift mode.
18.  Dash for HD TV's.
19.  Activates picture in picture mode.
20.  Play.
21.  Rewind.
22.  Fast forward.
23.  Stop.
24.  Pause.
25.  Record.
26.  Skip track backwards.
27.  Skip track forwards.
28.  4 way directional pad for navigating menu's.
29.  OK for selecting options in menu's.
30.  Numeric number 1 also in shift mode triangle/A for SAT/CBL menu's.
31.  Numeric number 2 also in shift mode square/B for SAT/CBL menu's.
32.  Numeric number 3 also in shift mode circle/C for SAT/CBL menu's.
33.  Numeric number 5 also in shift mode space bar for SAT/CBL menu's.
34.  Numeric numbers 4,6,7,8,9,0.

- 1 HOW TO INSTALL THE BATTERIES**
- 3xAAA batteries are required for operation.
1. Remove the battery cover on the back of your Z-URC™.
  2. Check the polarity of the batteries and the "+/-" marks inside the battery compartment.
  3. Insert the batteries.
  4. Push the battery cover back in place.

- 2 SET UP THE Z-URC™ FOR AV EQUIPMENT**
- By entering Device Code**
- You may setup the Z-URC™ by following the code entering instructions.
1. Referring to the DEVICE CODE LIST, look up the 4-digit Device Code which corresponds to the brand of your AV equipment. If there is more than one Device Code listed under your brand, start from the first code.
  2. Press the desired Device Mode Key (e.g. TV).
  3. Hold down "CH +\*" and "VOL -" on the Z-URC™ simultaneously for 3 seconds until the green indicator lights up.
  4. Use the number keys "0" - "9" to enter your 4-digit Device Code. The indicator flashes twice then goes out.
- Turn on your device (e.g. TV), then try the function keys on the Z-URC™. If your device (e.g. TV) responds to your activated function correctly, you have entered the right Device Code. Otherwise, repeat the above steps with the next available Device Codes until your device (e.g. TV) responds to your activated function, and most keys work correctly.
- \* Simply repeat the above procedures to enter the Device Codes for your SAT/CBL, DVD or AUX. (Remember to press the correct Device Mode Key in step 2 above)

**Note:**

- If the red indicator flashes 6 times in step 4, a wrong Device Code has been entered. You are required to repeat step 2 to 4 again.

**Suggestion:**

- If you cannot find a correct Device Code for your equipment, see **2 SET UP THE Z-URC™ FOR AV EQUIPMENT - By Searching Through the Library.**
- For future reference you are recommended to take a note of your Device Codes in the space provided on the product's back label after setting up the Z-URC™ correctly.

- By Searching Through the Library**
- If you cannot identify a correct Device Code for your equipment from the Device Code list, you may search for the code in the library.
1. Turn on your device manually (e.g. TV).
  2. Press a desired Device Mode Key (e.g. TV).
  3. Hold down "CH +\*" and "VOL -" on the Z-URC™ simultaneously for 3 seconds until the indicator lights up.

4. Enter a corresponding Magic Search Code from the following table. The green indicator flashes twice then goes out.

| Device to be searched from code library | Magic Search Code | Device to be searched from code library | Magic Search Code |
|---|-------------------|---|-------------------|
| TV                                      | 0001              | DVD/DVD-R/RW/DVR+DVD COMBOS             | 0005              |
| VCR/DVD LASER DISC                      | 0002              | AUDIO                                   | 0006              |
| SAT                                     | 0003              | CD                                      | 0007              |
| CABLE/DVR+CABLE COMBOS                  | 0004              | HOME AUTOMATION                         | 0008              |

- (e.g. press "TV" device mode key, then press "CH +\*" and "VOL -", and press the Magic Search Code 0001.)
- 5. Press the selected device mode key again as in step 2 above. (e.g. TV)
- 6. Hold down "CH +\*" & "VOL -" simultaneously for 3 seconds until the green indicator lights up, and your Z-URC™ is ready to start searching.
- 7. Aim the Z-URC™ at your device (e.g. TV), press the "Φ" key slowly and repeatedly until the device has been turned off.
- Once your device has been turned off, immediately press Device Mode Key (e.g. TV) to lock in code and the indicator should go out.

- \* Simply repeat the above setup procedures to search for the Device Code for your SAT/CBL, DVD or AUX. (Remember to press the correct Device Mode Key and correct Magic Search Code in step 2-5 above)

**IMPORTANT:**

- If the power on/off function of your device is not infra-red controlled, you need to follow steps 2 to 6 above and start searching.
- Press "Φ" and another function key alternately until your device responds to the expected function, then press the same Device Mode Key (e.g. TV) to lock in the code.
- e.g. Press "Φ" & "TV" alternately, or:  
Press "Φ" & "▶" alternately.

**Note:**

- TV, VCR, DVD, CTV and other device codes can be searched for and locked into any device modes. Simply press the corresponding device mode key in step 2 & 5 and enter an appropriate Magic Search Code for your DVD, CTV and other devices.
- Each time you press the "Φ", the Z-URC™ will skip to the next code and send out a POWER signal trying to turn off your device.
- If you fail to stop pressing "Φ" when your device has been turned off, turn your device on again immediately. Before the green indicator goes out, press "▶" on the Z-URC™ to skip backward. Repeat step 7 above and lock in the code.
- If the red indicator flashes six times after your pressing of "Φ" key, you are already at the last code of the library. Press "CH +\*" and "VOL -" to resume the Z-URC™ and repeat the above procedures carefully to search again.

**By Learning Commands (only Z-JRC™ 550)**

Your Z-JRC™ is equipped with learning capability. This allows you to "teach" your Z-JRC™ certain functions from your original equipment remote. Please follow the steps below.

1. Press the desired device mode key (e.g. TV).
2. Hold down "CH +", and "VOL -" and the Z-JRC™ simultaneously for 3 seconds until the green indicator lights up.
3. Enter the learning code "0", "0", "0", "0". The green indicator light will flash once then stay lit. The Z-JRC™ is now ready to learn.
4. Place the Z-JRC™ and your device remote on a flat surface, aimed at each other 1-3 inches apart.
5. Press a desired key once and release on the Z-JRC™ which you want to learn the command. The green indicator will flash once then stay lit.
6. Press and keep holding the key on your original equipment remote which you want to learn for a few seconds.
7. When the green indicator light flashes twice and stays lit continuously, the command has been learned successfully and you can release the key on your original equipment remote. If the red indicator light flashes six times it shows an error in the learning process. Adjust the position of both remotes and repeat from step 5 again.
8. Repeat from step 5 to learn other key functions, or press the same device mode key on step 1 (e.g. TV) to terminate the learning mode, the green indicator light will flash twice and then go out immediately.

**Note:**

- On step 5 if no key is selected for more than 8 seconds, the red indicator light will flash six times and the learning mode will exit automatically.
- On step 6, if no other remote signal is received for more than 8 seconds, the red indicator light flashes six times and stays lit continuously, you need to select a desired key again for learning as in step 5 on your Z-JRC™.
- Each function key will hold one command only, a new command to be learned will automatically erase and replace the previous one.
- If the green indicator light flash six times during the transference of signals, the maximum 100 commands memory bank is full, press the same device key again to resume normal operation.
- All device mode keys, as well as the SHIFT keys cannot be used for learning functions.

**3 OPERATING THE Z-JRC™ FOR A/V EQUIPMENT**

**Normal Operation**

Once you have set up the Z-JRC™ for your A/V equipment, it works like your original remote control. To operate, just aim it at your equipment, press an appropriate device mode key and invoke the desired function by pressing a corresponding key on the Z-JRC™. The green indicator turns on during signal transmission and as confirmation of key touch.

**Punch Through**

**Punch Through Channel**

Punch through channel allows you to operate channel up and down without having to switch the device modes repeatedly even when your Z-JRC™ is in other operating modes.

**To activate the punch through channel setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "CH +".
3. While still holding the "CH +", key press desired Device Mode Key (e.g. SAT).
4. Release "CH +", and the green indicator flashes once, now by pressing the "CH +", key while in TV mode the remote will act as if pressing the "CH +", key in SAT mode.

**To deactivate the punch through channel setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "CH -".
3. While still holding the "CH -", key press desired Device Mode Key (e.g. SAT).
4. Release "CH -", (the green indicator flashes twice if the setting is deactivated).

**Punch Through Volume**

Punch through volume allows you to operate volume up and down without having to switch the device modes repeatedly even when your Z-JRC™ is in other operating modes.

**To activate the punch through volume setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "VOL +".
3. While still holding the "VOL +", key press desired Device Mode Key (e.g. SAT).
4. Release "VOL +", and the green indicator flashes once, now by pressing the "VOL +", key while in TV mode the remote will act as if pressing the "VOL +", key in SAT mode.

**To deactivate the punch through volume setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "VOL -".
3. While still holding the "VOL -", key press desired Device Mode Key (e.g. SAT).
4. Release "VOL -", (the green indicator flashes twice if the setting is deactivated).

**Macro Power**

Macro Power allows you to turn two of your A/V equipment on/off simultaneously.

**To activate the macro power setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "0".
3. Press desired Device Mode Key (e.g. SAT).
4. Release "0", (the green indicator flashes once if the setting is activated).

**To deactivate the macro power setting:**

1. Press desired Device Mode Key (e.g. TV).
2. Press and Hold "0".
3. Press desired Device Mode Key (e.g. SAT).
4. Release "0", (the green indicator flashes twice if the setting is deactivated).

**4 ADVANCED OPERATION FOR A/V EQUIPMENT**

**Secondary Function**

1. Some keys are able to access 2 functions through the use of the shift key.
2. To use a buttons secondary function, press the shift key then the next button pressed will perform its secondary function after which the buttons will return to their primary functions.
3. You can access the shift lock mode by pressing and holding the shift key for 3 seconds after which all buttons pressed will use their secondary function. Pressing the shift key again will end the shift lock mode.

**IR Boost Mode (only Z-URC™ 550)**

By activating the boost switch in the battery compartment your Z-URC™ will send out 3 IR beams instead of 1 IR beam. Effectively tripling the power of your IR signal.

Note: The range of your IR beam along with the angle will be increased but will also consume more power from the batteries.

**Restore Factory Settings**

1. Hold down "CH +\*" and "VOL -" keys on the remote simultaneously for 3 seconds until you the indicator lights up and stays lit.
2. Enter the reset code "9", "9", "9", "9". The indicator light goes out immediately. All settings are now restored to factory default setting.

**5 MAINTENANCE**

1. Do not expose your Z-URC™ to dust, strong sunlight, humidity, high temperatures or mechanical shocks.
2. Do not use old and new batteries together as old batteries tend to leak.
3. Do not use corrosive or abrasive cleansers on your Z-URC™.
4. Keep the unit dust free by wiping it with a soft, dry cloth.
5. Do not disassemble your Z-URC™, it contains no user-serviceable parts.

**6 TROUBLESHOOTING**

- Q. My Z-URC™ does not work at all!
  - A. Check your A/V device, if the device's main switch is turned off, your Z-URC™ cannot operate your device.
  - A. Check whether your batteries are inserted properly and are in the correct +/- position.
  - A. Check whether you have pressed the corresponding device mode key for your device.
  - A. If the batteries are low, replace the batteries.
- Q. If several Device Codes are listed under the brand of my A/V device, how can I select the correct Device Code?
  - A. To seek the correct Device Code for your A/V device, test the codes one by one until most keys work properly.
- Q. My A/V equipment responds only to some of the commands.
  - A. You have set a code for which only some commands work properly but some do not. Try other codes until most keys work properly.

**7 SETUP THE Z-URC™ FOR EQUIPMENT**




Welcome to the world of home automation, your Z-URC™ will be able to control all the Z-Wave products around your house. The following section will guide you through the set up processes for your Z-URC™.

Firstly there is the XpressZetup™ for beginner users that do not have a large amount of Z-Wave products. Following is the advanced set up that you will need to become familiar with as your Z-Wave network of products continues to expand. Please note that all devices, lights and nodes made from different vendors are compatible with your Z-URC™ as long as they carry the Z-Wave logo.

Please carefully read through the following then store the manual for future reference.



**KEY FUNCTION DESCRIPTIONS**

1.  Turns on or turns off all Z-Wave devices in the device database.
2.  On and off switches for the different Z-Wave groups and scenes.
3.  Press once to access secondary functions for the next button. Press and hold to activate shift lock for permanent use of shift functions. Press shift again to release shift lock.

Note: The shift key allows you access group's shift 1 through shift 8 giving you a total of 10 groups.

**By XpressZetup™**

**Add device to the basic group**

1. Press the "ADD" key to begin setup then the OK light will turn on and the step 2 light will flash slowly.
2. Select a key from 1 to 16 (1-8 or SHIFT 1-8), the step 2 light turns off and the step 3 light flashes slowly.
3. Press the button of desired Z-Wave device then the OK light will flash once then turn off indicating set up has been successful.
4. The added device will now function by using the on off key of the corresponding number on the top side of the remote.

**Remove device from the basic group**

1. Press the "REMOVE" key to begin.
2. Select a key from 1 to 16 (1-8 or SHIFT 1-8), the step 2 light flashes once and stays on then the step 3 light flashes slowly.
3. Press the button on target Z-Wave device then the step 3 light will turn off and the OK light will flash once and turn off indicating the device has been removed from the group.

**Basic Operation**

After adding a device to your remote you can turn the device on or off by using the on off switches located on the top of the top side of the remote. By adding a device to set 1 you can control that device with the first set of on off buttons on the top side of the remote. To operate dimmer switches and curtain motors you can hold the on button to open the curtain or make the light brighter. By holding the off button you can retract the curtain or make the light dimmer.

**By Advanced Set Up Process**

(For advanced users to get the full flexibility offered by the Z-URC™)  
The Z-URC™ remote is set up for 3 different input methods Scene, Group and Network. You can set up a combination of 16 scenes or groups containing up to 232 devices per group or 32 devices per scene and the network can store up to 232 devices.  
Below is an explanation of the terms used in the advanced set up process of your Z-URC™.

**Network**

By adding a device to the network the remote will store this into a master database for all your equipment. Each Z-Wave device in your network will act as a signal repeater that will communicate with other Z-Wave devices.  
This creates a network where all your devices communicate with each other which increases the distance your signal can travel and helps eliminate any potential RF dead spots.  
By pressing the "ALL ON" or "ALL OFF" button you will be able to turn on or off all the Z-Wave products in your house. Anytime you add a Z-Wave device to a group or scene it will also store this into the database the same as if you add the device to the network.

**Device/Light/Node**

Devices, lights and nodes are all terms to describe an individual Z-Wave device. These are all interchangeable when setting up your Z-Wave network.

**Basic Group**

Groups allow you to control multiple devices with the press of a button. For example you can group all your bedroom Z-Wave devices together so that everything will turn on with the press of a button before you are ready to retire for the night.

**Association Group**

Associations are used to set up one node to automatically contact another node when the first is triggered. For example you can set up a door sensor (primary node) to turn on the light (secondary node) when the door has been opened.

**Scene**

Scenes are used for setting up multiple devices in the same way as a group but in addition to groups, scenes also control dimmer lights that you can set to different levels depending on the situation. For example you can have the scene set to low brightness for watching a movie or going to bed or alternatively set the lights brighter when reading or working.

**Primary Controller**

This is the main device used to set up and organize your Z-Wave network. There is only ever one primary controller in a network and it must be used to add or delete devices. Primary controllers can come in different forms such as a portable device like a hand-held remote, permanently installed device, a Z-Wave enabled PC or a Z-Wave enabled Ethernet router/bridge.

**Secondary Controller**

A Z-Wave network can support additional controllers so you can access multiple Z-Wave remotes throughout the home. If you have two identical controllers for your secondary and primary controllers they will work the same with the exception that you can not add or delete devices with the secondary control.

**Add a device to the network**

1. Enter Z-Wave advanced setup by pressing the "SETUP" key then the OK light turns on.
2. Press "ADD" once, the OK light flashes once and stays on.
3. Press "DEVICE" once the OK light flashes once then stays on then the step 3 light will flash slowly.
4. Press the button on desired Z-Wave device the OK light flashes once and turns off indicating set up is successful.

**Delete a device from the network**

1. Enter Z-Wave advanced setup by pressing the "SETUP" key then the OK light turns on.
2. Press "DELETE" once, the OK light flashes once and stays on.
3. Press "DEVICE" once, the OK light flashes once and stays on then the step 3 light will flash slowly.
4. Press the button on target Z-Wave device, the OK light flashes once and turns off indicating the device was successfully removed.

**Add device to an association group**

1. Enter Z-Wave advanced setup by pressing the "SETUP" key then the OK light turns on.
2. Press "ADD" once, the OK light flashes once and stays on.
3. Press "ASSOC" once the OK light flashes once then stays on then the step 2 light flashes slowly.
4. Select a key from 1 to 16 (1-8 or SHIFT 1-8), OK flashes once and stays on then the step 3 light will flash slowly.
5. Press the button on secondary Z-Wave device the OK light flashes once then keeps flashing slowly.
6. Press the button on the primary Z-Wave device then the OK light flashes once and turns off indicating the two devices were successfully associated..

**Remove a device from an association group**

1. Enter Z-Wave advanced setup by pressing the "SETUP" key then the OK light turns on.
2. Press "REMOVE" once, the OK light flashes once and stays on.
3. Press "ASSOC" once the OK light flashes once then stays on then the step 2 light will flash slowly.
4. Select a key from 1 to 16 (1-8 or SHIFT 1-8), the OK light flashes once and stays on then the step 3 light will flash slowly.
5. Press the button on target Z-Wave device, the OK light flashes once and turns off indicating the device was successfully removed from the association.

**Delete an association group**

1. Enter Z-Wave advanced setup by pressing the "SETUP" key then the OK light turns on.
2. Press "DELETE" once, the OK light flashes once and stays on.
3. Press "ASSOC" once the OK light flashes once then stays on then the step 2 light will flash slowly.
4. Then press the group you wish to delete from 1 to 16 (1-8 or SHIFT 1-8) the OK light will flash once then turn off indicating the group has been deleted.

#### Add a device to a scene

1. Enter Z-Wave advance setup by pressing the "SETUP" key then the OK light turns on.
2. Press "ADD" once, the OK light flashes once and stays on.
3. Press "SCENE" once, the OK light flashes once then stays on then the step 2 light will flash slowly.
4. Select a key from 1 to 16 (1-8 or SHIFT 1-8), the OK light flashes once and stays on then the step 3 light will flash slowly.
5. Press the button on desired Z-Wave device, the OK light flashes once and stays on then the step 3 light will also remain on.
6. Press and hold the button on the dimmer, until the dimmer is set to the desired brightness level.
7. Press "SCENE" once, the OK flashes once then turns off and the step 3 light turns off indicating the device has been successfully added.

#### Remove a device from a scene

1. Enter Z-Wave advance setup by pressing the "SETUP" key then the OK light turns on.
2. Press "DELETE" once, the OK light flashes once and stays on.
3. Press "SCENE" once, the OK light flashes once and stays on then the step 2 light will flash slowly.
4. Select a key from 1 to 16 (1-8 or SHIFT 1-8), the OK light flashes once and stays on then the step 3 light will flash slowly.
5. Press the button on desired Z-Wave device, the OK light stays on then flashes once and turns off indicating that the device was successfully removed.

#### Delete a scene

1. Enter Z-Wave advance setup by pressing the "SETUP" key then the OK light turns on.
2. Press "DELETE" once, the OK light flashes once and stays on.
3. Press "SCENE" once, the OK light flashes once and stays on then the step 2 light will flash slowly.
4. Then press the scene you wish to delete from 1 to 16 (1-8 or SHIFT 1-8) the OK light will flash once then turn off indicating the group has been deleted.

### 3 ADDITIONAL FEATURES

There are a number of additional features included in the Z-URC™ remotes below is a summary and instructions on using all the additional features.

#### Copying all network and device information to a secondary remote controller

1. Enter Z-Wave Additional Feature Setup Mode by pressing and holding the "SETUP" and "REMOVE" key for 3 seconds then the OK light will remain on.
2. Place the two remotes close to each other.
3. Enter 8561 on the XpressSetup™ keypad the OK light will flash once after you enter one digit and then will keep flashing after entering all 4 digits.
4. Make sure the target remote is set up to receive information. (Refer to the target remotes user manual for more information)
5. When the replication has been completed the OK light flashes once slowly and then turns off.

Note: If the replication is unsuccessful, the OK light turns off and the error light will flash 6 times then turn off.

#### Copying only network information to a secondary remote controller

To copy only the network information to a new controller, you may copy the process above but enter the code 8542 instead.

#### Transferring all network and device information to an new primary remote controller (primary shift)

To transfer all network and device information to a new primary remote control you follow the same steps as above with the code 8361.

#### Transferring only network information to an new primary remote controller (primary shift)

To transfer only the network information to a new primary remote control you follow the same steps as above with the code 8362.

#### Replicating all network and device information to this remote controller

1. Enter Z-Wave Additional Feature Setup Mode by pressing and holding the "SETUP" and "REMOVE" key for 3 seconds then the OK light will remain on.
2. Place the two remotes close to each other.
3. Enter 8363 on the XpressSetup™ keypad the OK light will flash once after you enter one digit and then will keep flashing after entering all 4 digits.
4. Make sure the target remote is set up to send information to your Z-URC™ remote control. (Refer to the target remotes user manual for more information)
5. When the replication has been completed the OK light flashes once slowly and then turns off.

Note: If the replication is unsuccessful, the OK light turns off and the error light will flash 6 times then turn off.

#### Listening mode

1. Enter Z-Wave Additional Feature Setup Mode by pressing and holding the "SETUP" and "REMOVE" keys simultaneously for 3 seconds then the OK light will remain on.
2. Enter 8364 on the XpressSetup™ keypad the OK light will flash once after you enter one digit and then will keep flashing after entering all 4 digits.
3. Listening mode will automatically exit after 1 minute of inactivity.
4. When exiting listening mode the OK light flashes once then turns off.

Note: The mode must not be exited during communication process with another remote. Please wait for entire communication process to be completed.

#### Resetting your network

1. Enter Z-Wave Additional Feature Setup Mode by pressing and holding the setup and remove key for 3 seconds then the ok light will remain on.
2. Enter 8781 on the XpressSetup™ keypad the ok light will flash once after you enter one digit and turns on after entering all 4 digits.
3. The OK light flashes once slowly and then turns off indicating the reset was successful.

Note: If the reset is unsuccessful, the OK light turns off and the error light will flash 6 times then turn off.

**9 FREQUENTLY ASKED QUESTIONS**

- Q: Why won't my Z-JURC™ work with the Z-Wave devices I purchased from another country?**  
A: Due to different countries regulations Z-Wave products from different regions are set to different frequencies. Before purchasing new devices make sure you have checked to see that the device is compatible in your region.
- Q: Do I need an electrician to install Z-Wave products in my house?**  
A: Installation can be simple, in some cases all you need to do is attach the Z-Wave plug in module into the wall socket. For more advanced in-wall modules you may need this done by a qualified technician.
- Q: Why would I use different scenes and groups on my controller?**  
A: By having different scenes and groups for different situations, you can make your life more convenient and save time. For example before going to bed you could turn on your electric blanket and turn on the bedroom light while you're still watching TV in the living room so your bed is ready for sleeping as soon as you retire.
- Q: What kinds of devices can I control with Z-Wave technology?**  
A: While the Z-Wave range is ever growing you can currently control your lighting, curtains and any electrical device that requires an on off switch with the Remotelec BTW8330 Z-JURC™. In addition advanced models will be able to control additional devices such as window shades and thermostats.
- Q: What can the Remotelec Z-JURC™ do for me?**  
A: The Remotelec controller has the ability to control a combination of up to 232 different Z-Wave devices in 16 different groups or scenes around your house while also being a standard universal remote that can control 4 to 8 different AV equipments. Your Remotelec Z-JURC™ truly turns your living room into your whole houses control station.
- Q: Why do I need a different module for outdoor lighting?**  
A: The outdoor module is designed to withstand various weather conditions including heat, rain and snow.
- Q: Can I use 2 or more Z-JURC™ controllers in my house at one time?**  
A: You can use additional remotes around your house by assigning one remote to be the primary remote and have an additional secondary controller.
- Q: If I lost my Z-JURC™ will I also lose my settings?**  
A: Yes, if you lose your remote you will need to add all the devices to your new remote again.
- Q: Where can I keep up to date with the latest Z-Wave products for my house?**  
A: You can keep up to date by visiting the [www.remotelec.com.hk](http://www.remotelec.com.hk) website where we will have information and ideas for using Z-Wave technology.
- Q: How do I know which product is compatible to my Remotelec Z-JURC™ remote?**  
A: You can check either the specifications in the manual of your remote or also check online at [www.remotelec.com.hk](http://www.remotelec.com.hk) for a full list of products that can be used with your remote. All Z-Wave products also come with the Z-Wave logo.
- Q: Can the remote also operate Zigbee products?**  
A: The Z-JURC™ remotes are currently not compatible with any Zigbee products.

**10 SPECIFICATIONS**

- Z-JURC™ 550US
- RF carrier frequency range ..... 908.4MHz (US)
- Operating/learning IR frequency range ..... Up to 455kHz
- Learning Capability ..... MAX 100 commands
- Dimensions (W x H x L) ..... 60 x 240 x 29mm
- Unit Weight (Exclude Batteries) ..... 150g
- Battery type ..... AAA x 3pos

**FCC NOTICE**

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.

**Warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.