

Emaux
COLOR
TOUCH Series
Remote WIFI
Control Box



Emaux COLOR TOUCH Series Remote WIFI Control Box Instruction Manual

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Emaux COLOR TOUCH Series Remote WIFI Control Box



Specifications

- **Work Temperature:** 0-40°C
- **Input Voltage:** AC110-220V, 50/60Hz
- **Output Voltage:** 2*AC110-220V, 50/60Hz
- **Maximum Power Rating:** 2*300VA
- **Radio Frequency:** 433MHz
- **Radio Distance At Sight:** 50m (Empty area)
- **Remote Battery:** CR2032

FAQs

- **Q: What should I do if I think the button battery has been swallowed?**
 - **A:** If you suspect a button battery has been swallowed or placed inside any part of the body, seek immediate medical attention. Contact the Poisons Information Centre at 13 11 26 in Australia or 0800 764 766 in New Zealand.

IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

Please read the manual carefully before commencing installation. This manual contains important information about the correct installation and operation of E-Lumen X lights.

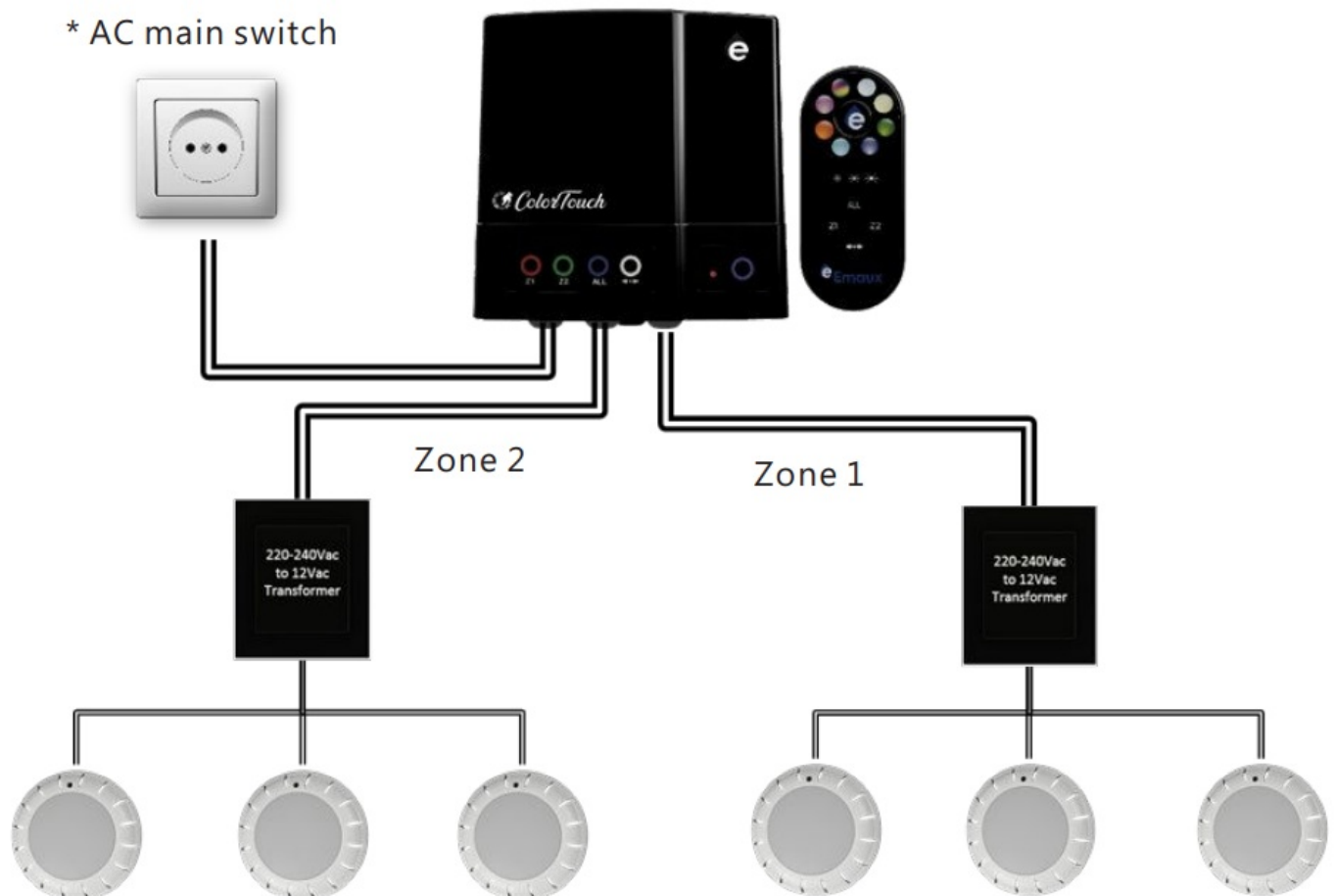
1. This ColorTouch control box must be installed by a licensed or certified electrician or a qualified serviceman by the requirements of your government standard or local authorities. Improper installation will create electric hazards which could result in serious injury, death as well as damage to the property.
2. Cut the power before service and maintenance!
3. For safe and proper installation, ensure that those parts supplied with the produce are used.
4. Never handle it with wet hands and feet.
5. If the external flexible cable or cord of this ColorTouch control box is damaged, it shall be exclusively replaced by the manufacturer his service agent, or a similarly qualified person to avoid a hazard.
6. Preferably installed in a place sheltered from rain or sunlight, ensure the longevity of these ColorTouch control boxes.

WARNING THIS PRODUCT CONTAINS A BUTTON BATTERY

- If swallowed, a lithium button battery can cause severe or fatal injuries within 2 hours.
- Keep batteries out of reach of children.
- If you think batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.
- The Poisons Information Centre number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times.

PRODUCT INTRODUCTION

- Color Touch Control box incorporates its exclusive wireless touch remote handset, providing easy pickup of preference color directly. But also have three levels of brightness dimming level for E-Lumen X light. The remote handset can be set to support other Emaux lights, such as E-lumen.
- The control box local Z1, Z2, All, and Reset keys can control all Emaux light color changes in a sequential way.
- There are two light wiring zones with a maximum power rating of 2 x 300VA which is large enough to cover for large area swimming pool and SPA area.



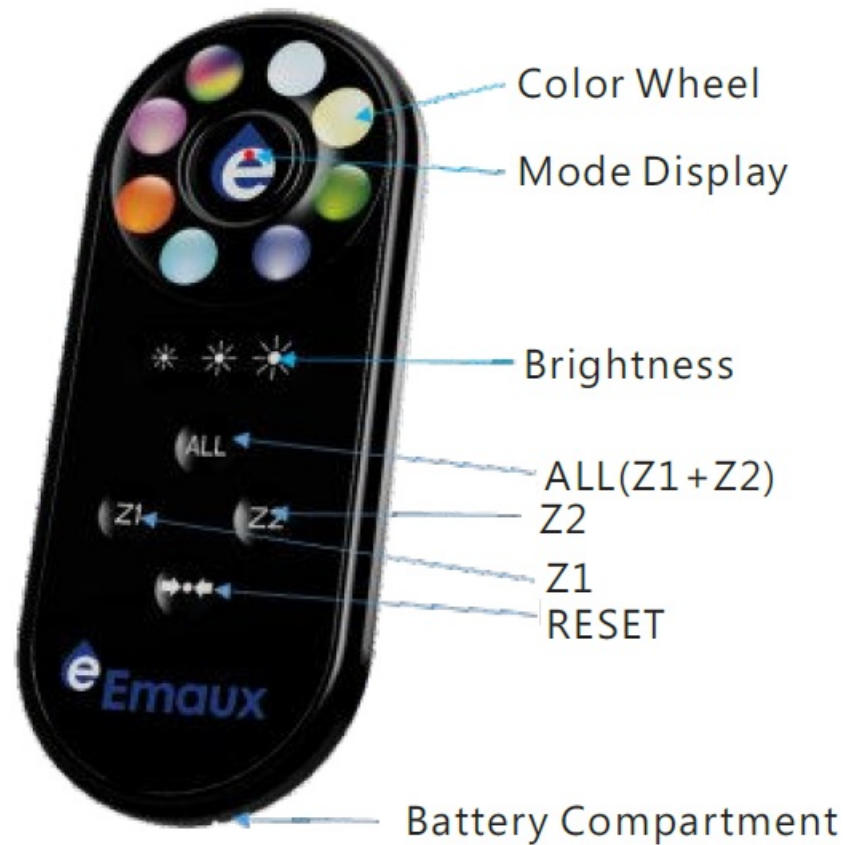
SPECIFICATION

Work Temperature	0-40°C
Input Voltage	AC110-220V, 50/60Hz
Output Voltage	2*AC110-220V, 50/60Hz
Maximum Power Rating	2*300VA
Radio Frequency	433MHz
Radio Distance At Sight(Empty area)	50m
Remote Battery	CR2032

CONTROL BOX DISPLAY AND FUNCTION KEYS



Remote Handset



INSTALLATION

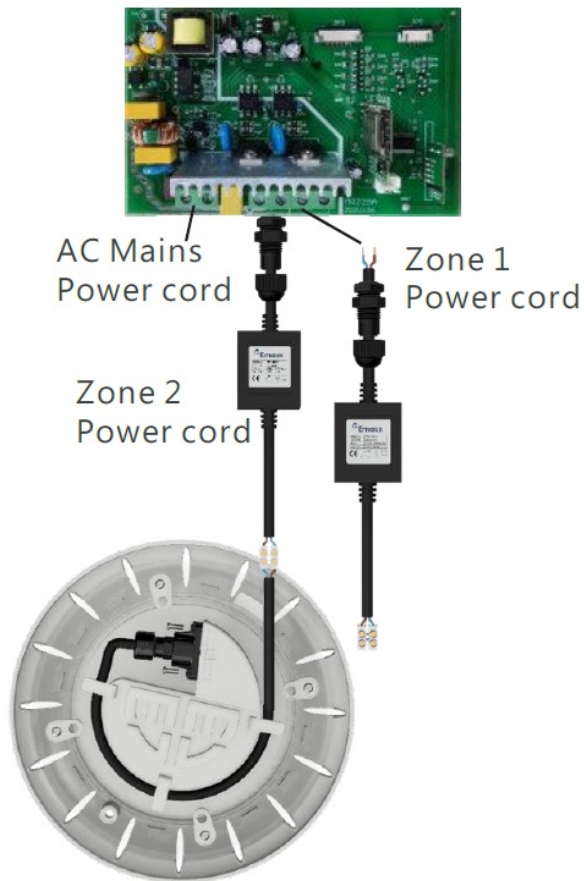
1. Remove the mounting bracket from the control box, position the mounting bracket to the desired fitting place, and mark on the wall the location of the drilled holes.
2. Then drill 4 holes of $\varnothing 8\text{mm}$ on the marked position and insert a plastic fitting, Secure the mounting bracket by fastening 4 screws of M5x35 to the plastic fittings as figure.
3. The ColorTouch control box is hung on the hook of the mounting bracket and secured by the bottom screw.



WIRING DIAGRAM

1. Unscrew the screws from the bottom and take out the housing carefully.
2. Remove the waterproof connector nut and put the transformer 110-220Vac cable through it.
3. Mount the two wires on the connector as figure.
 - **WARNING:** The terminal voltage is 110-220Vac and never mount the light on it directly! When the input terminal voltage is 220Vac, must connect to a 220Vac transformer, not a 110Vac transformer.

Color Touch Control Box PCB



CONTROL BOX PANEL OPERATION

1. Switch on the main power switch to turn on the power, and the standby button LED will light up.
2. Press the standby button, and the system is entered into operation mode.
3. Z1 Button – short press (1 second) to change color for all the pool lights, connected to the Z1 outlet, the Z1 Button LED is flashing.
4. Z2 Button – short press (1 second) to change color for all the pool lights, connected to the Z2 outlet, the Z2 Button LED is flashing.
5. ALL Button – Long or short press to change color for all the pool lights, connected to the Z1 and Z2 outlet, the ALL Button LED is flashing.
6. RESET Button – Press the button to reset all the pool lights connected to Z1 & Z2 to a cool white color.



COLOR TOUCH REMOTE HANDSET

- Each control box is associated with a ColorTouch remote handset. It needs to pair the control box and set by learning process as below:

LEARNING PROCESS OF REMOTE

- Switch off the main power button of the box before pressing the learn key of the box. Then switch on the main power button and press the Learn Key located under the box, the Learn key display is flashing in white color.
- While pressing the Learn Key of the box, press any key on the ColorTouch remote. When success link, the mode display on the remote (Emaux Water drop 'e') will be in red and the Learn Key display in the box will be out.
- If there is one remote for multiple control boxes, repeat the learning process for each control box.

THE REMOTE HANDSET

- There are two operation modes to support ColorTouch mode and the basic traditional mode for lighting control.

COLOR TOUCH MODE

It is the default control mode after learning.

1. The mode display LED at the center of the color wheel will be flashed in red color and ready to touch.
2. The ColorTouch remote chooses direct color pick-up just by touching the color area.

3. The rainbow color key is a toggle key for multiple modes of auto color change.
4. There are three levels of brightness for light brightness adjustment by touching the desired brightness button.
5. Z1, Z2, and ALL are ON/OFF switch to ON/OFF Zone 1, Zone 2, and both Zones. The Reset key will turn Z1 and Z2 lights back to Cool White. It will take three seconds to light up after switching off. Touch any key and wait for a while for a light response.
 - **WARNING:** Put the finger on the top of the button and touch it gently, then remove from it. Touching the same button will interrupt the handset's operation.

BASIC MODE

1. The color wheel buttons and brightness function will be disabled.
2. Touch Z1, Z2, and all buttons will change the Zone 1, Zone 2, or Both Zones color one by one.
3. The reset button will turn all the light colors to the default first color for RGB color light. (E-Lumen mode).



BATTERY REPLACEMENT

Reverse the remote and open the battery compartment by pushing the right-hand side lock inward. The remote uses a CR2032 battery and its lifetime is around six months.

WARNING: The Color Touch Control Box main power switch must be switched off waited for three minutes and then switched on again.

WARNING: The ColorTouch remote handset is designed with auto sleep mode to save battery power when it is idle for a while. It will wake up by touching any button and do the operation.

Switch to 50Hz/60Hz, and wait 30 seconds to open the control box. If not, wrong color mode.

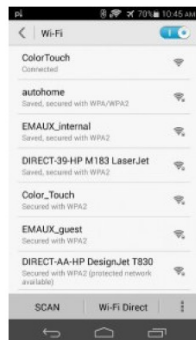


WIFI CONNECTION

COLOR TOUCH WIFI CONNECTION

The latest Color Touch control box is armed with a WIFI access function. Therefore, you can control the E-lumen X lamp color, brightness, ON/OFF, etc same as the remote handset.

1. The App “ColorTouch Direct” can be downloaded from AppStore or Google Play, or scan the QR code for Android from Emaux Web page.
2. Install the App as usual and the icon ColorTouch Direct will be shown on screen.
3. Open your cell phone’s WIFI setting and connect to SSID “ColorTouch” with password 12345678 Enter the APP, control the E-lumen X/ E-Lumen lamp color, brightness, ON/OFF and etc same as the remote handset.



APP Download

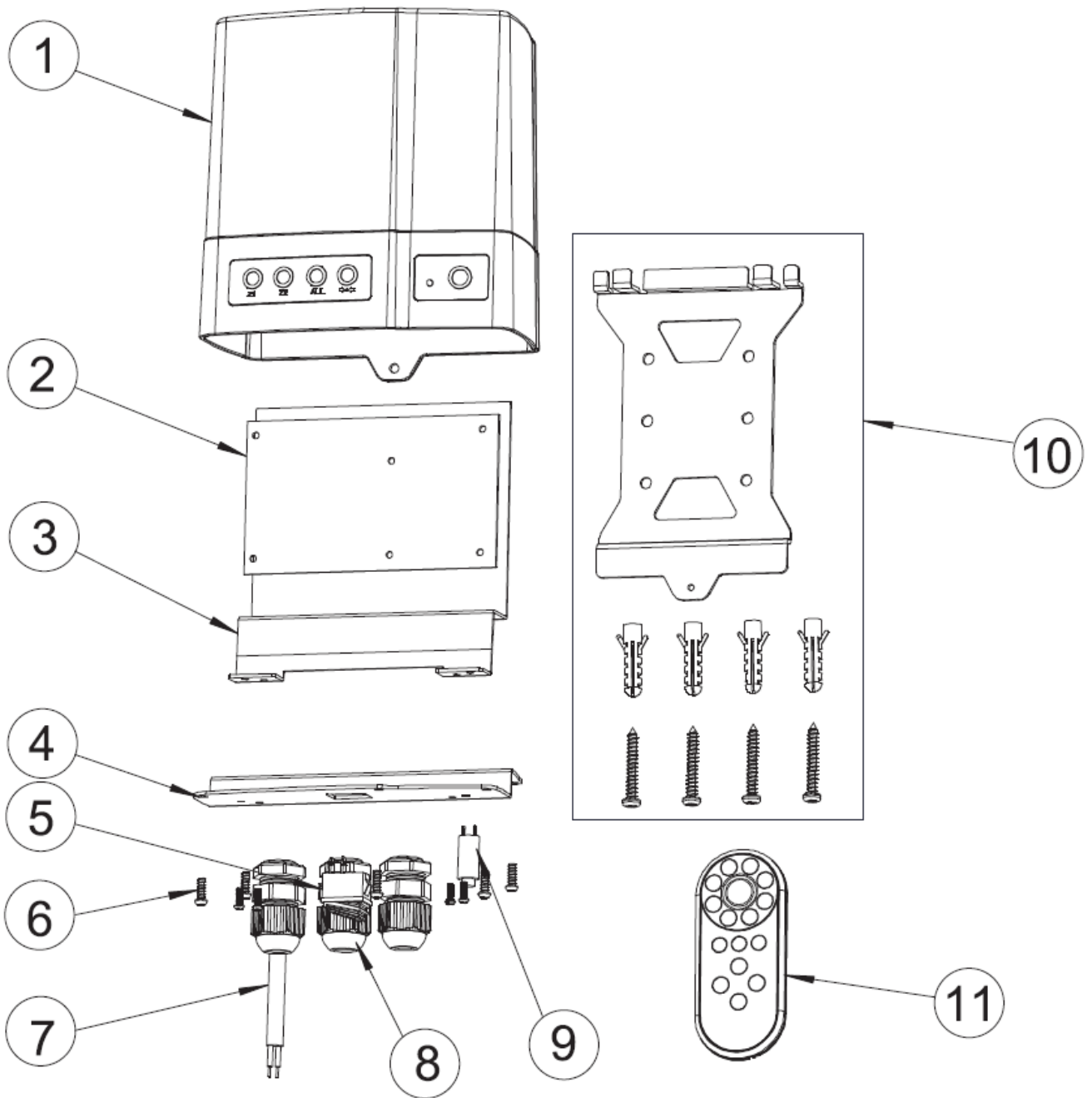
MAINTENANCE AND TROUBLE SHOOTING

Do not leave the ColorTouch control box directly under sunlight. Before switching on the control box, check the circuit boxes are running properly. The warranty will be voided if the Emaux ColorTouch control box is dismantled by unauthorized personnel.

Trouble	Possible Solution
Touch the remote without a response on the Pool light	Replace battery CR2032 may enter water to damage the remote.
The handset mode display corrects but there is no response on the Pool light	The remote handset is relearned by the learn key of the control box.
The control box works normally, but the pool light does not respond.	Check transformer. Replace the pool light panel.
The ColorTouch box does not work.	Check the main power button. Check the connected locations of the cable. Check fuses at the switchboard. Contact a qualified electrician to test.
Wrong color mode.	Switch to 50Hz/60Hz, and wait 30 seconds to open the control box.

REPLACEMENT PARTS

Item No.	Part No.	Description	Qty
1	E111101	ColorTouch control box suite	1
2	E111110	ColorTouch electronic board 110-220V suite	1
3	510106781	Internal Plate	1
4	510116781	Bottom Plate	1
5	106176996	Power switch	1
6	E111102	Screw suite	1
7	04013004	Two-core cable for output	1
7	105101306	Three-core cable for input	2
8	106231416	Cable Gland	1
9	E111106	Switch to learn key suite	1
10	E111103	Mounting bracket suite	1
11	106697000	Remote(With Battery)	1



TERMS OF THE WARRANTY

As the original purchaser of this equipment has purchased from Emaux Water Technology Co Ltd, through an Authorized International Distributor or Dealer, warrants its products free from defects in materials and workmanship under normal use during the warranty period. The warranty period begins on the day of purchase and extends only to the original purchaser. It is not transferable to anyone who subsequently purchases the product from you. It excludes all expendable parts. During the warranty period, Emaux authorized reseller will repair or replace defective parts with new parts or, at the option of Emaux, serviceable used parts that are equivalent or superior to new parts in performance. This Limited Warranty extends only to products purchased from Emaux-authorized resellers. This Limited Warranty does not extend to any product that has been damaged or rendered defective

- **(a)** as a result of accident, misuse, or abuse;
- **(b)** as a result of an act of God;
- **(c)** by operation outside the usage parameters stated herein;
- **(d)** by the use of parts not manufactured or sold by Emaux;
- **(e)** by modification of the product;

- **(f)** as a result of war or terrorist attack; or
- **(g)** as a result of service by anyone other than Emaux's authorized reseller or authorized agent.

EXCEPT AS EXPRESSLY OUTLINED IN THIS WARRANTY, EMAUX MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. EMAUX EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO THE TERMS OF THIS EXPRESS LIMITED WARRANTY.

CONTACT INFORMATION

- EMAUX WATER TECHNOLOGY CO., LTD
- **ADDRESS** 2/F, Lockhart Centre, No. 301-307 Lockhart Road, Wanchai, Hong Kong
- **PHONE** +852 2832 9880

YOUR PREMIER SUPPLIER

WARNING: THIS PRODUCT CONTAINS A BUTTON BATTERY

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www.emauxgroup.com.

Documents / Resources

	Emaux COLOR TOUCH Series Remote WIFI Control Box [pdf] Instruction Manual COLOR TOUCH Series, COLOR TOUCH Series Remote WIFI Control Box, Remote WIFI Control Box, WIFI Control Box, Control Box, Box
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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