

# Wireless Button Controller User's Manual

Product Name: **Wireless Button Controller**

Model No: **WBC-110**

Input Power: **3V DC**

Features Description:

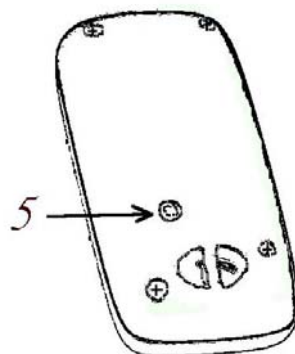
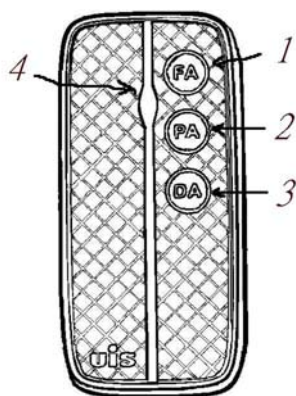
1. To wireless transmission the button signals to the repeater set, you can start or lifting function.
2. Use CR2032 type Li-ion batteries, battery power is insufficient to inform the host will automatically operate a very low power; the battery can be used for more than two years.
3. Easy link, when install at the first time to press the set button on the side of product binding with repeater.

Outline Dimensions:



Dimension (W\*H\*D, mm) 31\*65\*13

Feature Locator:

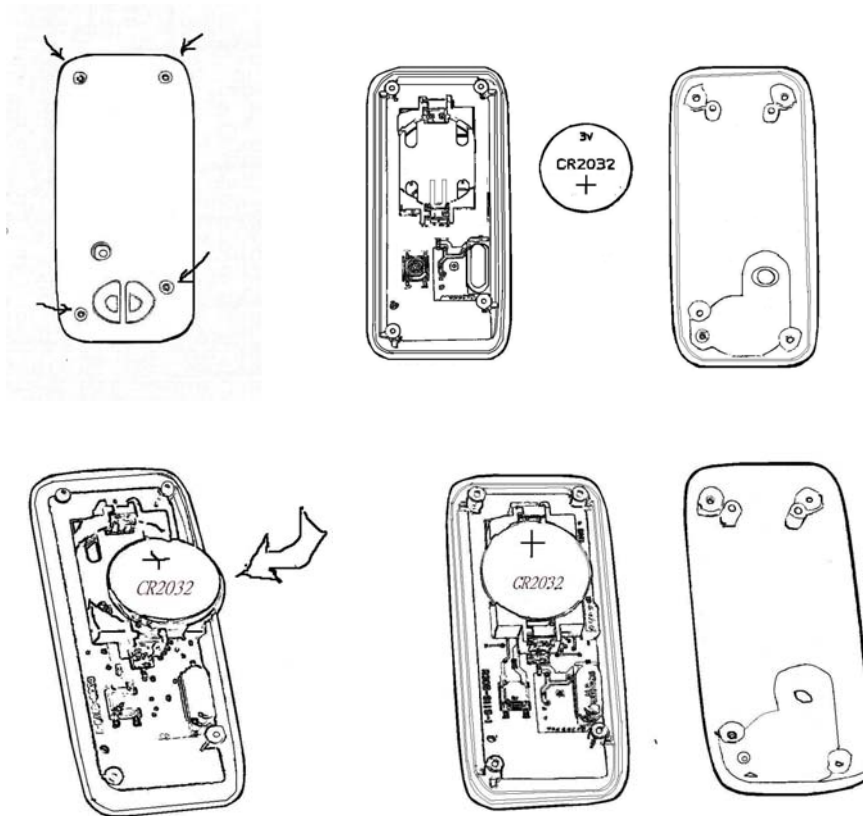


1. **Full Arm** Button (FA)
2. **Partial Arm** Button
3. **Disarm** Button (DA)
4. State of LED window
5. (SET) Setting button

Installation Hints:

1. WBC-110(Wireless Button Controller) by pressing the SET button at the bottom, and then press the WR-110 (wireless repeater) at the bottom of the SET button, Wait for 30 seconds to 1 minute. If LED indicator light flash three times that means linking success. If LED indicator light flash two times that means fail.

2. Join to link with Gateway, please reference user manual of WCC-110 (Wireless console controller).
3. **Disarm** Button (DA) function:  
Disable all burglarproof sensor alarms BUT enable all anti-disaster sensor alarms.
4. **Partial Arm** Button (PA) function:  
Enable all partial\_arm\_mode-enabled burglarproof sensor alarms AND enable all anti-disaster sensor alarms.
5. **Full Arm** Button (FA) function: Enable all sensor alarms.
6. If start any Button (DA) (PA) (FA) the Green LED flash that means linking success.
7. WBC-110(Wireless Button Controller) Battery installation instructions are as follows maps, (Dismount four screws removed , Separate cover from top to bottom, Replacement of internal battery , Installed in accordance with the reverse order back).  
(Attention: CR2032 Battery Positive side up)



### Troubleshooting:

1. **Problem:** When link with WR-110 (Wireless repeater), there is no display of LED indicator light for WBC-110 (Wireless Button Controller) to flash two or three times.

**Solution :** a. Need to make sure the battery is good there is electricity, the installation of the battery positive and negative direction is correct.

b. May be not press set button, need to link with repeater again.

c. If the above handles are invalid, please contact with agency

Specification:

<b>Wireless Button Controller</b>	
<b>Model No.</b>	<b>WBC-110</b>
<b>Electrical Specification</b>	
<b>Transmit Frequency</b>	2.4GHz
<b>Modulation</b>	GFSK
<b>Transmit Power</b>	0 dBm
<b>Channel spacing</b>	1 MHz
<b>Channel NO.</b>	81 Channel(2401~2481Mhz)
<b>Range of operation</b>	10 meters
<b>Operating voltage</b>	3.0V DC
<b>Current (typical)</b>	Working: 14mA Peak Standby: 1 uA Max
<b>Battery Type</b>	CR2032
<b>Battery Quantity (PCS)</b>	1
<b>Display Type</b>	Red / Green LED indicator
<b>Operation Interface</b>	Push Switch *3
<b>Environmental Requirement</b>	
<b>Operating temperature</b>	-10°C to 40°C
<b>Storage temperature</b>	-20°C to 60°C
<b>Humidity</b>	90% RH Max. Non-Condensing
<b>Mechanical Specification</b>	
<b>Dimension (WxHxD, mm)</b>	31*65*13
<b>Weight (No Battery)</b>	26g
<b>Weight (Include Battery)</b>	30g

## **FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT**

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.

### **CAUTION:**

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

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.

### Canada Warning

"Industry Canada regulatory information Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device." "The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions."