



Model: WT-868

Wireless & Wired Timer Remote Control

Product User Manual



Thank you for purchasing **JJC WT-868 Wireless & Wired Timer Remote Control**. For the best performance, please read this instruction carefully before using. You must read it thoroughly and fully understand this manual to avoid improper operation which may result in damage to the product.

**JJC WT-868 Wireless & Wired Timer Remote** is excellent for flower blooming, sunset, moonrise, etc. photography. The remote is equipped to handle a long list of timer functions: self-timer, long exposure timer, interval timer, controlling the number of shots as well as multi-exposure timer. An exposure as long as 99 hours, 59 minutes and 59 seconds can be programmed and number of exposures is up to 999 or unlimited. The transmitter works at a distance up to 100m (328 feet) on any one of 56 channels over a reliable 2.4GHz frequency. WT-868 not only can be used wirelessly, but also can be used as a wired remote. The remote has a wide range of compatibility. Just change the connecting cables (sold separately), and it will work with most cameras with a remote socket. All the features of WT-868 remote make it a good helper for you to take creative pictures.

## Package Contents

Transmitter x 1  
Receiver x 1  
CR2 3V lithium battery x 1  
AAA 1.5V battery x 2  
This instruction manual x 1  
Connecting cable brochure x 1  
Warranty card x 1

## Specifications

|                          |  |
|--------------------------|--|
| Frequency                | FSK 2.4GHz   |
| Operating distance       | 100 meters(328 feet)                                     |
| Channel                  | 56 channels  |
| Dimensions (W x H x D)   | Transmitter: 118 x 49 x 27mm<br>Receiver: 68 x 48 x 29mm |
| Weight (without battery) | Transmitter: 59g<br>Receiver: 41g                        |



# Identifying Each Part of WT-868


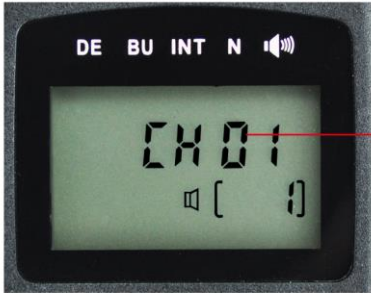
## ● Receiver



1. Indicator Light
2. Control Panel
3. Power Switch
4. Channel +
5. Channel -
6. Battery Compartment
7. ACC Socket
8. Lock Nut
9. Cold Shoe Mount
10. 1/4"-20 Tripod Mount Socket

## ● Transmitter

|   |  |
|---|--|
|  <p>A black handheld transmitter with a monochrome LCD screen at the top. The screen displays 'DE BU INT N' and a speaker icon. Below the screen is a control panel with several buttons and indicators. A power switch is on the right side. Red lines with numbers 1 through 9 point to various features: 1 points to the control panel, 2 to the shutter release button, 3 to the LED light/lock button, 4 to the arrow buttons, 5 to the indicator light, 6 to the timer start/stop button, 7 to the SET button, 8 to the ACC socket, and 9 to the power switch.</p>   | <ol style="list-style-type: none"> <li>1. Control Panel</li> <li>2. Shutter Release Button</li> <li>3. LED Light / Lock Button</li> <li>4. Arrow Buttons</li> <li>5. Indicator Light</li> <li>6. Timer Start/Stop Button</li> <li>7. SET Button</li> <li>8. ACC Socket</li> <li>9. Power Switch</li> </ol>   |
|  <p>A close-up of the LCD screen showing a digital timer display '00:00'05" and a '4' in a box. The screen also shows 'TIMER ACTIVE', 'SET', and 'RELEASE' indicators. Red lines with numbers 10 through 22 point to specific elements: 10 to the selection cursor, 11 to the timer display, 12 to the LOCK indicator, 13 to the timer active indicator, 14 to the speaker ON/OFF indicator, 15 to the SET indicator, 16 to the release indicator, 17 to the number of shots, 18 to the delay/self timer, 19 to the BULB/Long Exposure indicator, 20 to the interval timer, 21 to the number of shots, and 22 to the speaker.</p> | <ol style="list-style-type: none"> <li>10. Selection Cursor</li> <li>11. Timer Display</li> <li>12. LOCK Indicator</li> <li>13. Timer Active Indicator</li> <li>14. Speaker ON/OFF</li> <li>15. SET Indicator</li> <li>16. Release Indicator</li> <li>17. Number of Shots</li> <li>18. Delay/Self Timer</li> <li>19. BULB/Long Exposure</li> <li>20. Interval Timer</li> <li>21. Number of Shots</li> <li>22. Speaker</li> </ol> |

|  |                                     |
|--|-------------------------------------|
|  <p>The image shows the front of a black handheld device. The digital display shows '00:00'00\"</p> | <p>23. Multi-Exposure Indicator</p> |
|  <p>The image is a close-up of the digital display. It shows 'CH 01\"</p>                          | <p>24. Channel Display</p>          |

### Replacing Batteries of Transmitter and Receiver

1. Slide open the battery covers of transmitter and receiver respectively in the direction of the red arrow shown in the following pictures.



2. Install two AAA batteries into the battery compartment of transmitter, and one CR2 battery into compartment of the receiver, following the “+” and “-” marks as shown in the picture below. Do not install batteries in the reverse direction as this could cause the batteries to leak corrosive liquids, generate heat or explode.



3. Make sure batteries are fully in place and slide back the battery covers of the transmitter and the receiver respectively.



## Mastering Functions and Usage of the Controls

### Receiver

- **ON/OFF Switch**

Move the button to “ON”, and the receiver will be turned on; move it to “OFF”, and the receiver will be turned off.

- **Channel (CH) +/-**


Press Channel (CH) +/- buttons to adjust channels.


## Transmitter

- **ON/OFF Switch**

Move the button to “ON”, and the transmitter will be turned on; move it to “OFF”, and the transmitter will be turned off.

- **Five Icons Above the LCD Screen of Transmitter**

There are five icons, namely “DE”, “BU”, “INT”, “N” and ) above the LCD screen of transmitter. The following chart has illustrated their functions.

| Icon  | Function           | Description  | Settings Supported               |
|---|--------------------|--|----------------------------------|
| DE  | Delay/Self Timer   | Just like the self timer on your camera, WT-868 transmitter allows you to set any delay (in 1 second increments) up to 99 hours, 99 minutes and 99 seconds.  | 0s to 99hrs 59min 59s            |
| BU  | BULB/Long Exposure | It allows you to take exposures up to 99 hours, 99 minutes and 99 seconds in length.   | 0s to 99hrs 59min 59s            |
| INT   | Interval Timer     | The interval timer can be set to any time period up to 99 hours, 99 minutes and 99 seconds as well. For example, If you set it to 10 minutes, one exposure will be taken every 10 minutes until the Exposure Count limit has been reached. | 1s to 99hrs 59min 59s            |
| N   | Number of Shots    | This setting permits you to set the number of exposures up to 999 shots.   | 1 shot to 999 shots or unlimited |
|  | Speaker            | Speaker ON/OFF   | ON/OFF                           |

- **Shutter Release Button (HOLD)**

Press the button halfway to focus, and the rest of the way down to take a picture.

- **LED Light/Lock Button**

Press the button momentarily to turn on or turn off the backlight.

Press and hold the button for about 2 seconds to lock or release the following buttons: Start/Stop Button, Arrow Button and SET Button.

- **“START/STOP” Button**

Press this button to start or stop the timer.

- **Arrow Buttons and SET Button**

Use arrow buttons to set the timer. Press ◀ or ▶ to select an item, ▲ or ▼ to adjust an item. The current selection is indicated by the selection cursor.

At any time, press the SET button to begin editing or save the current setting. Then press ◀ or ▶ to view other settings. The selection cursor will move and indicate the current setting.

Using the Arrow Buttons and SET button to adjust “DE”, “BU”,  
“INT”, “N” and ):

1. (DE) Delay/Self Timer (Time until shooting starts)



Hours



Minutes



Seconds

2. (BU) BULB/Long Exposure (Exposure Time)



Hours



Minutes



Seconds

3. (INT) Interval Timer



Hours



Minutes



Seconds

4. (N) Number of Shots





## 5. Speaker



### NOTE:

The remote defaults: Interval Time (INT) = Exposure Time (BU) + Time from the moment this shot ends to the moment next shot starts. So when taking long exposure pictures, to make the camera have enough time to focus, interval time (INT) should be at least 2 seconds longer than exposure time (BU). When using autofocus function, make sure delay/self timer is 2 seconds or longer to leave the camera enough time to focus. When using long exposure noise reduction, the interval should be at least twice the exposure time.

According to the system's default setting, the interval time is at least one second. When interval time set is shorter than exposure time, the settings will be invalid. To ensure the timer is finished, the interval will automatically be reset to 1 second.

Number of shots can be set to any number between 1 to 999 or unlimited. To set the number of shots to - - (unlimited), select 1 and then press the ▼ button or select 999 and then press ▲ button.

When finishing adjusting all settings, press the SET button to put the new settings ENABLE. A beep will sound (If the speaker is ON) at the same time and the "SET" icon indicator will go out.

# Attaching and Setting Your Devices Before Use (Wireless & Wired)

## 1. WT-868 Used as a Wireless Timer



### Connecting the receiver to the camera (Connecting cable is sold separately)

1. Turn OFF the camera and receiver before attachment.
2. Slide the receiver gently into your camera hot shoe as shown in the picture below, and then rotate the hot shoe lock nut clockwise to secure. (Note: When detaching the receiver, please loose the lock nut first. In order to avoid damage to the receiver and camera, don't pull it forcibly.)



3. Plug the straight end of the connecting cord as shown in the left picture into the receiver, and then plug the other end to the camera remote socket (the appearance of this end may differ dependent on the camera you use).



**Note:** Please remember not to connect the cable round the wrong way. For any JJC connecting cord, please always keep in mind that the end shown in the left picture should be plugged into receiver while the other end into the camera remote socket.

4. Turn ON the camera, receiver and transmitter and check to be sure that both the transmitter and the receiver are set to the same channel. Then you can use WT-868 to control your camera to shoot. Press the shutter button half to focus and the indicators of both transmitter and receiver will turn green; press fully, the indicators will turn red and a picture will be taken.



## Setting the Devices Before Using

### Channel setting of transmitter



1. Turn on the transmitter, and the channel you set last time is a default channel and displays on the control panel. At this time, press SET button to go into channel setting directly. And you will see the channel value is flashing. (You can also use the arrow buttons to go into the channel setting by pressing ◀ or ▶ until the selection cursor disappears.)
2. Press ▲ or ▼ to adjust channel values. Then press SET button to complete and save the setting.

**Note:** To shoot effectively, make sure both the transmitter and the receiver are set to the same channel before using.

### Channel setting of receiver



1. Turn on the receiver, and the channel you set last time is a default channel and displays on the control panel.
2. Press Channel (CH) +/− buttons to adjust channel values. After adjusting to a certain value and staying for 2 seconds or longer, the channel value will be saved as a default value.

**Note:** To shoot effectively, make sure both the transmitter and the receiver are set to the same channel before using.

- To use WT-868 as a wireless remote in **BULB mode**, you need to set your camera and the transmitter as the following.

#### Camera Setting

|               |                  |
|---------------|------------------|
| Exposure Mode | M (manual)       |
| Shutter Speed | BULB             |
| Drive Mode    | S (single frame) |

#### Setting of WT-868 transmitter

Please set your desired “DE”, “BU”, “INT”, “N” and speaker status as described in previous sections.

- To use WT-868 as a wireless remote in **NON-BULB mode**, you need to set your camera and the transmitter as the following.

|                    |   |                     |
|--------------------|---|---------------------|
| Camera             | Shutter speed   | Excluding BULB      |
|                    | Drive mode  | S (single shooting) |
| WT-868 Transmitter | The exposure time should be set to 0s, interval time should be longer than shutter speed, and other values can be set as desired. |                     |

\*When using autofocus function, please choose an interval at least two seconds longer than the camera shutter speed to leave the camera enough time to focus. When using long exposure noise reduction, choose an interval time at least double the camera shutter speed.

## 2. WT-868 transmitter used as wired timer



### Connecting the transmitter to the camera (Connecting cable is sold separately)

First, turn off the camera and WT-868 transmitter. Next, plug the straight end of the connecting cable shown in the picture into the transmitter, and the other end into the camera remote socket (the appearance of this end may differ dependent on the camera you use). Note: The straight end of the cable should be plugged into the remote and the other end into the camera remote socket.



### Setting Your Devices Before Using

- To use WT-868 transmitter as a wired remote in BULB mode, you need to set your camera and the transmitter as the following.

## Camera Setting

|               |                  |
|---------------|------------------|
| Exposure Mode | M (manual)       |
| Shutter Speed | BULB             |
| Drive Mode    | S (single frame) |

### Setting of WT-868 transmitter

Please set your desired “DE”, “BU”, “INT”, “N” and speaker status as described in previous sections.

- To use WT-868 as a wired remote in **NON-BULB mode**, you need to set your camera and the transmitter as the following.

| Camera                    | Shutter speed   | Excluding BULB      |
|---------------------------|---|---------------------|
|                           | Drive mode  | S (single shooting) |
| <b>WT-868 Transmitter</b> | The exposure time should be set to 0s, interval time should be longer than shutter speed, and other values can be set as desired. |                     |

\*When using autofocus function, please choose an interval at least two seconds longer than the camera shutter speed to leave the camera enough time to focus. When using long exposure noise reduction, choose an interval time at least double the camera shutter speed.

## Starting the timer


When finishing all the settings, press the START/STOP button to start the timer. At this time the LCD screen of transmitter will display countdown of delay (if DE>0s) and then displays alternatively countdown of the exposure time (if BU>0s) and time remaining before next shot begins.

When using wireless function, after the timer starts, the transmitter will send all the setting data to the WT-868 receiver. At this time, the LCD screens of both the transmitter and the receiver will display time countdown.

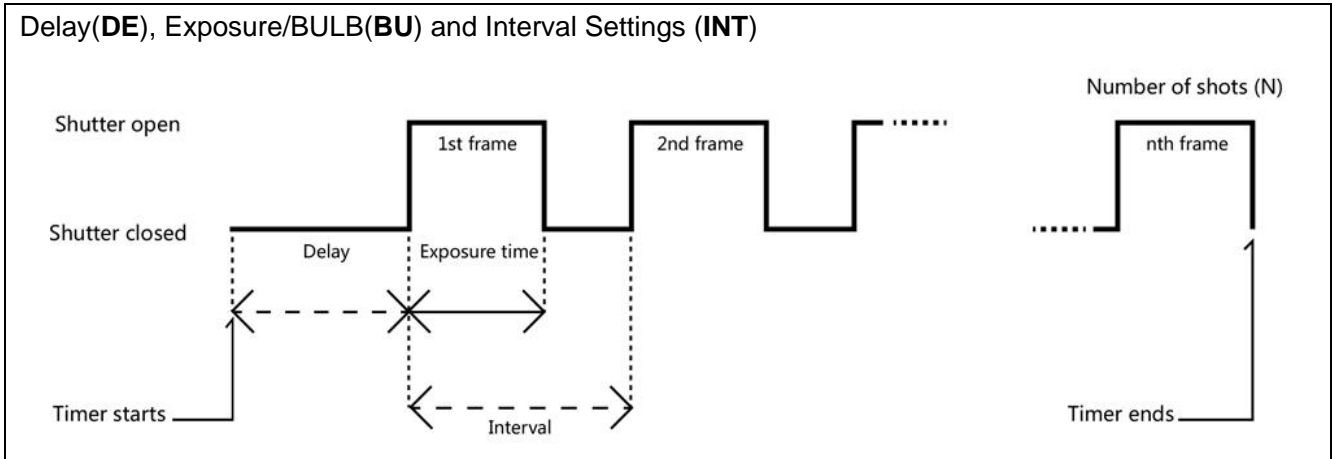
During BULB shooting, the LCD screen shows the time remaining until the shutter closes, and the release indicator lamp flashes at ONE-SECOND intervals. Meanwhile, “TIMER ACTIVE” and “RELEASE” icons also flash in the LCD screen.

Between shots, the LCD screen shows the time remaining and “TIMER ACTIVE” icon flashes once every second until the next shot starts. If the speaker is ON, a beep will sound three times at ONE-SECOND intervals before the shutter releases.

**The following picture shows status of the LCD screen after the timer starts:**

|   |   |
|---|---|
|  | 1. Flashes when timer is active   |
|   | 2. <b>When shutter is open:</b> Time remaining until shutter closes<br><b>Between shots:</b> Time remaining until next shot |
|   | 3. Number of shots remaining  |
|   | 4. Flashes when shutter is open   |

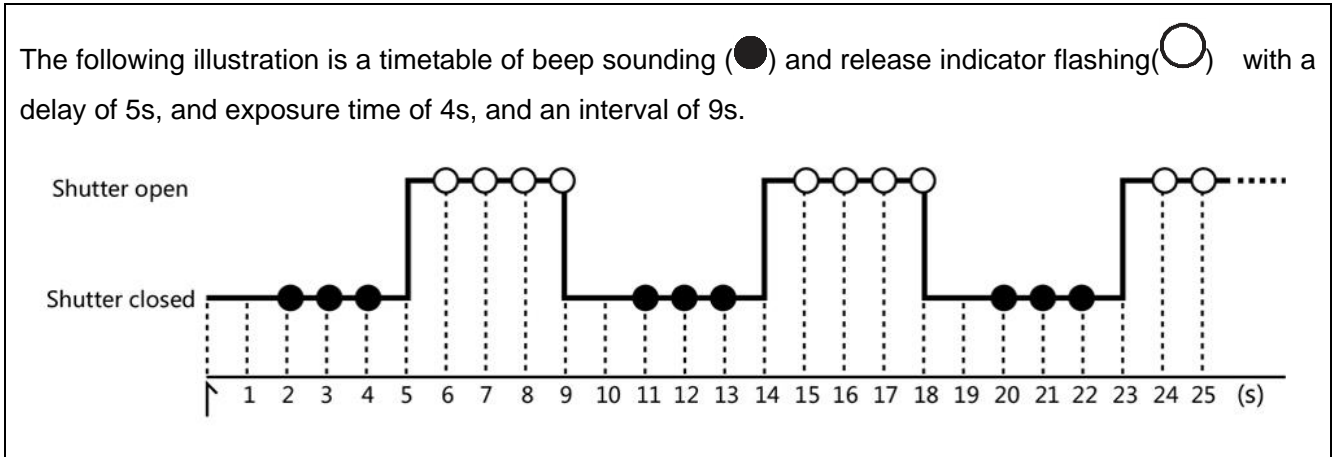
The illustration below shows the progress of timer:



**IMPORTANT:**

The remote defaults: Interval Time (INT) = Exposure Time (BU) + Time from the moment this shot ends to the moment next shot starts. Please ensure the Interval time is at least 2 seconds longer than Exposure time.

**Operating illustration of the Speaker and Release Lamp**









**Ending Shooting**

Shooting ends automatically when the selected number of shots has been taken. To end shooting before all photographs have been taken, press the START/STOP button.

## Setting of Multi-Exposure Function

- Use arrow buttons to move selection cursor under "BU", and press the SET button to go into "BU" time section①. Press the ◀ button to get into multi-exposure selection②, and press ▲ or ▼ to change from single exposure -1- to nine exposures -9-③.
- Press the SET button to complete the operation and display the new setting for the selected item④. Press the SET button to set first exposure (-1-) and press the arrow buttons to change exposure time⑤. After adjusting the first exposure time, press the ▶ button to get into second (-2-) exposure time. Repeat ④⑤ steps, until move to last exposure (-9-)⑥.

| Option   | Description   | Setting Supported   |
|--|---|---|
| BU<br>-1-  | Multi-Exposure  | 1 group - 9 groups  |
| <b>Multi-Exposure Time (HDR)</b>   |   |   |
|    |                         |  |
| ①  | ②   | ③   |
|  |  |  |
| ④  | ⑤   | ⑥   |

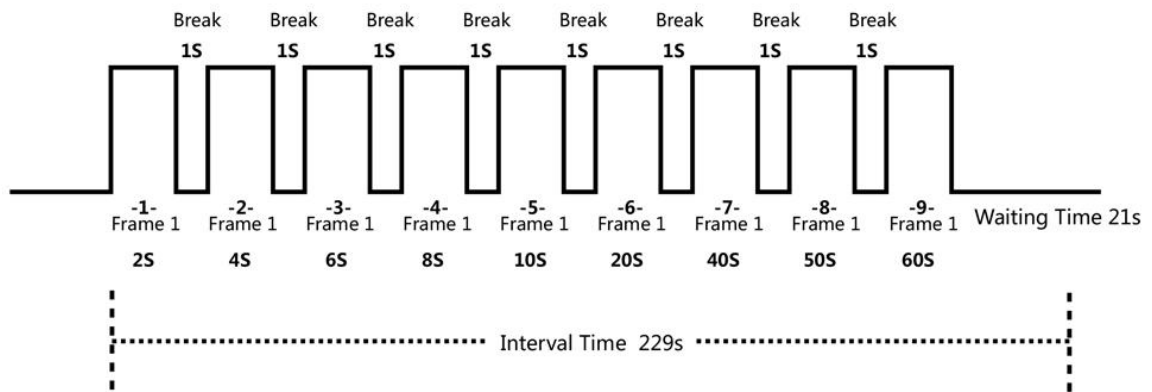
**Example Table of Multi-Exposure Timer**

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- | -9- |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|



|  |           |           |           |            |            |            |            |            |
|--|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| <b>2s</b>  | <b>4s</b> | <b>6s</b> | <b>8s</b> | <b>10s</b> | <b>20s</b> | <b>40s</b> | <b>50s</b> | <b>60s</b> |
| <b>Interval Time = Exposure Time + Break Time + Waiting Time</b> |           |           |           |            |            |            |            |            |

After finishing the setting of Multi-Exposure Timer, we can set the Interval Timer. When the timer is running, between each exposure timer will wait 1s to run the next exposure.



## Using WT-868 transmitter as a shutter release cable

1. After attaching WT-868 transmitter to a camera, turn on your camera and the transmitter. As shown below, press half to focus, and fully to take a photo.



2. When the shutter speed is adjusted to BULB, pushing the shutter button of the transmitter in the direction of the red arrow will lock the camera shutter. Then push the shutter button in the opposite direction to unlock camera shutter. With this method, you can also control your camera to take continuous shots.



NOTE: When using wireless function, the shutter button "HOLD" does not have the function of locking camera shutter.

**\*Operation of WT-868 requires the use of a JJC Shutter Release Cable (sold separately). You may check the JJC connecting cable brochure for the cable compatible with your camera.**

## **Power Saving Function of WT-868**

### **About receiver**

- Turn on the receiver, and the backlight of the control panel will last for 3s.
- Press the channel+/-button, and the backlight will last for 3s.
- If the receiver does not receive signals in one minute, it will automatically enter power-saving mode to extend the battery's running time.

### **About transmitter**

- Press the LED Light/Lock Button, the backlight turns on; press the button again, the backlight will go out. If the button is not pressed after turning on the backlight, the backlight will go out automatically in one minute.
- When the transmitter is left without operation for 3s, it will automatically go to sleep.

## **About Anti-Interference**

With the popularization of FSK 2.4GHz Wireless Remote Control System, more and more devices adopt this system. When the receiver cannot work normally or continuously, please select another channel and try again.

|      |          |      |          |      |          |      |          |
|------|----------|------|----------|------|----------|------|----------|
| CH01 | 2.401GHz | CH15 | 2.415GHz | CH29 | 2.429GHz | CH43 | 2.443GHz |
| CH02 | 2.402GHz | CH16 | 2.416GHz | CH30 | 2.430GHz | CH44 | 2.444GHz |
| CH03 | 2.403GHz | CH17 | 2.417GHz | CH31 | 2.431GHz | CH45 | 2.445GHz |
| CH04 | 2.404GHz | CH18 | 2.418GHz | CH32 | 2.432GHz | CH46 | 2.446GHz |
| CH05 | 2.405GHz | CH19 | 2.419GHz | CH33 | 2.433GHz | CH47 | 2.447GHz |
| CH06 | 2.406GHz | CH20 | 2.420GHz | CH34 | 2.434GHz | CH48 | 2.448GHz |
| CH07 | 2.407GHz | CH21 | 2.421GHz | CH35 | 2.435GHz | CH49 | 2.449GHz |
| CH08 | 2.408GHz | CH22 | 2.422GHz | CH36 | 2.436GHz | CH50 | 2.450GHz |
| CH09 | 2.409GHz | CH23 | 2.423GHz | CH37 | 2.437GHz | CH51 | 2.451GHz |
| CH10 | 2.410GHz | CH24 | 2.424GHz | CH38 | 2.438GHz | CH52 | 2.452GHz |
| CH11 | 2.411GHz | CH25 | 2.425GHz | CH39 | 2.439GHz | CH53 | 2.453GHz |
| CH12 | 2.412GHz | CH26 | 2.426GHz | CH40 | 2.440GHz | CH54 | 2.454GHz |
| CH13 | 2.413GHz | CH27 | 2.427GHz | CH41 | 2.441GHz | CH55 | 2.455GHz |
| CH14 | 2.414GHz | CH28 | 2.428GHz | CH42 | 2.442GHz | CH56 | 2.456GHz |

- All specifications above are based on JJC's testing standards.
- Product specifications and external appearance are subject to change without notice.

## ONE YEAR GUARANTEE

If for quality factor, this JJC product fails within ONE YEAR of the date of purchase, return this product to your JJC dealer or contact [service@jjc.cc](mailto:service@jjc.cc) and it will be exchanged for you at no charge (not including shipping cost). JJC products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If at any time after one year, your JJC product fails under normal use, we invite you to return it to JJC for evaluation.

## About trademark

- JJC is a trademark of JJC Company

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## FCC 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 to this device not explicitly approved by manufacturer could void your authority to operate this 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.

### RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.