DOORBELL USER MANUAL

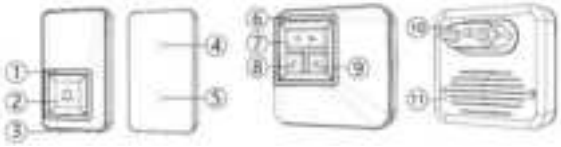
Model: RSD202T+RSD202R(RSD202RA,RSE202R,RSE202RA)

BRIEFLY FUNCTION

1. 4 volume levels
2. 4 working modes
3. 40 chimes (39 ringtone+1alarm sound)
4. LED indicator
5. Can store up 8 transmitters code
6. Each transmitter can choose its own individual chime
7. Can work with RSL doorbell series PIR sensor, door sensor

DOORBELL OPERATING AND ASSEMBLY INSTRUCTION

COMPONENTS



(1)	LED circle	(7)	Mode and Volume button
(2)	Push button	(8)	Chime button-
(3)	Opening hole	(9)	Chime button+/Paring button
(4)	Fixing hole	(10)	Plug
(5)	Fixing hole	(11)	Speaker
(6)	LED circle		

4 VOLUME LEVELS SELECTION

Short press the button **(7)** and release, the volume level is switched once, and a "ding dong" volume prompt sound is issued, and then stored in the memory (stored after power-off).

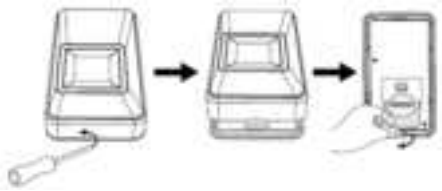
4 WORKING MODES SELECTION

Hold down the **(7)** for 2 seconds, the following 4 modes are switched once, and the corresponding mode prompts and store it in the memory (stored after power-off).

-Mode 1: Music + LED flash
-Mode 2: Music + no flash
-Mode 3: No music + LED flash (**mute mode**)
-Mode 4: Music + LED is always on

PREPARING FOR USE

1. Please use a screwdriver to open the transmitter and remove the insulating strip before paring for first use as following method. If use screws for transmitter fixing, also need to open it first, and then fix the rear cover on the wall.
2. Please power on the doorbell receiver.



PAIRING BETWEEN THE DOORBELL RECEIVER AND TRANSMITTER

Step 1: Hold down the button **(9)** for 2 seconds, the receiver emits "1 beep" and LED flashes quickly, the receiver enters the "pairing code" state.

After the receiver is plugged in, if it is a factory default (empty code), it will make a beeping sound and the LED flashes, and it automatically enters the pairing code state. If there is no transmitter to pair within 30 seconds, it will automatically return to the normal doorbell receiving state.

Step 2: Short press the **unpaired** transmitter push button, the receiver will store the transmitter's ID code after receiving the signal, the receiver LED will stop flashing, and then make a "ding dong" sound.
You can repeat the above operation to learn other transmitters(max.8 pieces，included sensors and remote control).

Remark:
If the receiver is paired with 2 transmitters or more, the chime button (8) and (9) on the receiver will automatically block the chime selection function. You can refer to CHIME SELECTION chapter for more selection details.

UNPAIRING BETWEEN THE DOORBELL RECEIVER AND TRANSMITTER INDIVIDUALLY

Step 1: Hold down the button **(9)** for 2 seconds, the receiver emits "1 beep" and LED flashes quickly, the receiver enters the "pairing code" state (if there is no transmitter to pair within 30 seconds, it will automatically return to the normal doorbell receiving state).
Step 2: Short press the **paired** transmitter push button, the receiver will delete the transmitter's ID code after receiving the signal, the receiver LED will stop flashing, and then make 4 short beeps "beep, beep, beep, beep" sound.
You can repeat the above operation to unpair other transmitters(max.8 pieces，included sensors and remote control).

Remark:
After deleting the transmitters one by one, if there is only one transmitter left in the receiver, the chime button (8) and (9) selection function on the receiver will be restored automatically.

UNPAIRING BETWEEN THE DOORBELL RECEIVER AND ALL TRANSMITTERS TOGETHER (RESET TO FACTORY DEFAULT)

Step 1: Hold down the button **(9)** for 2 seconds, the receiver emits "1 beep" and LED flashes quickly, the receiver enters the "pairing code" state.
Step 2: Hold down the button **(9)** for 2 seconds **again**, the receiver LED will stop flashing, and then make 4 short beeps "beep, beep, beep, beep" sound, the receiver restores to factory default.

CHIME SELECTION

1. The doorbell receiver only paired one transmitter

Short press the button (8) or (9) and release, select the previous or next chime, store it in the memory, and send out the corresponding ringtone (40 rounds in total).

Notice: The chime selection function of this method is only valid for selecting a ringtone when one transmitter is stored. If paired with two or more transmitters, please use the below method to select a chime.

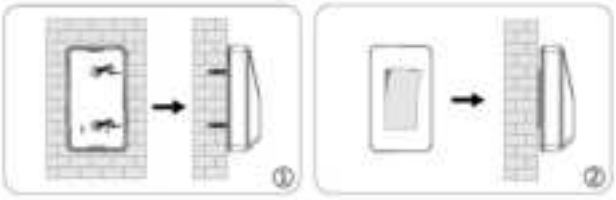
2. The doorbell receiver paired two or more transmitters

Step 1: Hold down the button **(8)** for 2 seconds, the receiver emits "1 beep" and LED flashes quickly, the receiver enters the "ringtone selection" state (if the receiver doesn't receive signal from the transmitter for 20 seconds, it will automatically return to the normal doorbell receiving state).
Step 2: Select one of the **paired** doorbell transmitters, short press the button to make the receiver select the next chime after receiving the signal, and store it in the memory, the LED will stop flashing and the corresponding ringtone will sound. You can continue to press the button until you find the chime you like, and it will send out two beeps after 20 seconds to automatically save the ringtone. (Or short press any button on the receiver to confirm the ringtone.)
You can repeat as above to select the ringtone track for each transmitter.

Notice:
1. The chime selection function of this method is only for selecting the ringtone when 2 transmitters or more are stored.
2. After the receiver receives the first ringtone selection, the LED blinking stops, but it is still in the "chime selection" state and it will take 20 seconds to confirm except for you press any key on the receiver to confirm it.

INSTALLATION METHOD FOR TRANSMITTER

1. Use screws
2. Use the double-side tape



Notice: Keep the doorbell away from the metal place because it will shorten the transmission range.

TECHNICAL PARAMETER

1. Frequency: 433.92MHz
2. Volume: 0~100dB
3. Transmission distance: 400M(open area)
4. Receiver voltage: AC100-240V 50/60Hz
5. Rated power :<0.5w
6. Standby power consumption: 0.03W
7. Transmitter battery: 3V CR2032
8. Transmission power: <10dBm
9. Waterproof grade: IP55
10. Working temperature: -20℃~+55℃
11. Dimension: 40*70*22mm (transmitter), 73*68*29mm (receiver)

Notice

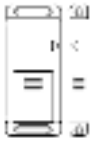
Do not ingest battery, Chemical Burn Hazard
This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

HOW DOES THE DOORBELL WORK WITH SENSORS AND KEY REMOTE CONTROL?

You can match RSL doorbell series PIR sensor and gate sensor with the doorbell together for use, or just match one of them, but you must match the remote control, the remote control will control the sensor activation and deactivation during use.

When you purchase the sensor and remote control, please pay attention that only special sensor and remote control can work with doorbell.

Remote Control



Door Sensor

PIR Sensor

STEP 1: PAIRING BETWEEN DOORBELL RECEIVER AND SENSOR/ REMOTE CONTROL

To pair sensor and remote control respectively with the doorbell receiver according to their manual, usually just short press the **learning** button of sensor or **ON** button of remote control when the doorbell receiver enters into pairing code state.

STEP 2: ACTIVATE/DEACTIVATE THE SENSOR

1. Activate the sensor: Press the **ON** button of the remote control to activate the sensor, the receiver will make 1 beep, indicating that the sensor has been activated.
2. Deactivate the sensor: Press the **OFF** button of the remote control to stop the sensor, the receiver will make 2 beeps, indicating that the sensor has been cancelled.

When the sensor is triggered and the doorbell receiver will make the alarm sound for 2 minutes, you can press **ON** button of the key remote control to stop it immediately, if you press **OFF** button to stop it, then the sensor function will be deactivated.
If the receiver is powered on after power-off, you need to use remote control to active the sensor again.

STEP 3: UNPAIRING BETWEEN DOORBELL RECEIVER AND SENSOR/ REMOTE CONTROL

To unpair sensor and remote control respectively with the doorbell receiver according to their manual, usually just short press the **learning** button of sensor or **OFF** button of remote control when the doorbell receiver enters into pairing code state.

Remark:
1. The sensor also can choose its individual chime like the doorbell transmitter, if you choose other chime not alarm sound, the receiver will only sound one time but not 2 minutes.
2. The remote control couldn't choose its individual chime, it only can active and deactivate the sensors.
3. If you have paired with multiple transmitters and lose one or more of them, it is recommended to follow the operation method described in **UNPAIRING BETWEEN THE DOORBELL RECEIVER AND ALL TRANSMITTERS TOGETHER** to unpair all, then relearn the pairing of the remaining transmitters to be used.

FCC STATE

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

This device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
--Connect the device 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

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