

## Motorized Roman Blind remote control operation manual (BT-RD868)

### (A) Action:

1. ▲:UP
2. ■:STOP
3. ▼:DOWN
4. ●:OFF. Press OFF-key, will lock receiver (cannot remote) until press STOP-key.
- 5 When the receiver got the opposite signal during the motor running, action will stop for one second and action oppositely. Ex: while action is up, receiver receives down signal. The action will stop for one second and action down. If the operation time is over the total operation time you set, the motor will stop.
6. Manual switch is one button recycle mode, each touch the action mode is like: open->stop->close->stop->open->stop->close.....
7. Press key of transmitter, receiver will beep one sound.
8. Total operation time: 255seconds.

### (B) Entering learning mode:

1. Take one transmitter that can control receiver. Press the STOP-key and OFF-key of transmitter simultaneously.
2. The receiver will beep 3 sounds to enter learning mode. If didn't input signal within 5 seconds, receiver will beep long sound then quit learning mode.

(After entering the learning mode, the user can change the action mode by pressing key or add new transmitter as following,)

- 2-1.UP-key: If receiver beeps one sound as press up-key of transmitter. Waiting for a few seconds after receiver quit of learning mode. Then you press and hold up-key, the curtain will up until you didn't press the up-key. (Moment-off-moment mode)  
If receiver beeps two sounds as press up-key of transmitter. Waiting for a few seconds after receiver quit of learning mode. Then you press up-key once (Don't need to keep pressing), the curtain will up to limit. (Continue mode)
- 2-2. DOWN-key: If receiver beeps one sound as press down-key of transmitter. Waiting for a few seconds after receiver quit of learning mode. Then you press and hold down-key, the curtain will down until you didn't press the up-key. (Moment-off-moment mode)  
If receiver beeps two sounds as press down-key of transmitter. Waiting for a few seconds after receiver quit of learning mode. Then you press down-key once (Don't need to keep pressing), the curtain will down to the limit. (Continue mode)
- 2-3. Add new transmitters: press the STOP-key of the new transmitter, the receiver will beep one sound and copied the code. The user can input several transmitters continuously.

2-4. Opposite action mode: When receiver beeps one sound as press off-key of transmitter. Waiting for a few seconds after receiver quit learning mode. The action direction will depend on what key you press. Ex: if you press up, the curtain will up. When receiver beeps 2 sounds as press off-key of transmitter. Waiting for a few seconds after receiver quit of learning mode. The action direction will be contrary. Ex: when you press up, the curtain will down.

3. The transmitter can change several action modes continually. After finishing all setting, the receiver will quit the learning mode with a long beep automatically over 5 seconds.

(C) Clearance code:

1. Power off receiver.
2. After 15 seconds, power on receiver.
3. Press clearance code switch on PCB within 8 seconds and it will start to beep per second.
4. Then simultaneous press the UP-key and DOWN-key of the new transmitter within 5 seconds. The receiver will copy new code and remove the old code.

(If you didn't press the keys of the transmitter, the receiver will still save the old code.)

(D) Technical data

1. Transmitter:

- i. Power supply: 23A12V
- ii. Consumption: MAX 12V8.5mA
- iii. Frequency: 433.92MHz±100KHz

2. Receiver:

- i. Power supply: DC24V / 800mA
- ii. Power consumption while being on stand by: DC24V/ 14mA
- iii. Max output: DC24V/ 800mA

PCB Wiring diagram (Note: The direction of wires and motor must be correct. Otherwise it will cause components breakdown and action mode irregular.)

