

***** USER'S MANUAL *****

FCC ID : RFV101011AB

Federal Communications Commission (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 instruction, 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.

Warning : A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

Use only shielded cables to connect I/O devices to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

1. Place 2 PCS “AAA” batteries in transmitter.
2. No transmittal there should be when transmitter is in the following states.. (compared with horizontal position).
 - 1). When transmitter is in horizontal position;
 - 2). With pothook as the axis, when the antenna of transmitter is upwards within 20 degrees in any direction.
 - 3). When the antenna is downwards.
3. Coding signals will be transmitted for 4 seconds when the transmitter is in the following states
 - 1) When the antenna is upwards over 75 degrees in any direction, with pothook as the axis.
4. When transmitter is in standby state (no transmittal) electricity is $\leq 5\mu\text{A}$.
5. When transmitter is on work (in transmittal) electricity is $\leq 4\text{mA}$.
6. Place 2 PCS CR2032 batteries in receiver and then remove the insulative PVC sheet.
7. 2 seconds after the removal of PVC sheet in receiver, demodulation circuit will be on automatically and 5 seconds later it will be off by itself and come into standby state. 30 seconds later demodulation circuit will be on again and after 5 seconds' operation it will be off, and so on.
8. When the demodulation circuit of receiver is on, if signals from transmitter are received and correct coding signals are recognized and decoded, the red LED will be lightened. (No signals from transmitter will be received when the demodulation circuit is off).
9. LED is on for about 100mS and is off for about 3S. ON and OFF circulate.
10. After LED is lightened for the first time, anytime (with LED on or off) when pressing RESET, LED will go off. (after LED's lightness for the first time if pressing RESET, LED may still be on , it's because receiver circuit operates 5S, which is more than the time(3S) when LED is on. Therefore it's better to press RESET after LED is lightened

for the second time)and receiver comes back to the standby state.

11. Electricity of receiver in standby state is $\leq 40\mu\text{A}$, $\leq 5\text{mA}$ with LED on ,and $\leq 10\text{mA}$ with LED and demodulation circuit on .
12. Operation distance can be 50% farther with antenna pulled out.
13. Avoid interference when in use, and try to use it in free space
14. Receiver, with magnet in the back, can be adsorbed on the objects made of iron.
However, the operation distance may differ a lot with that when not adsorbed on iron objects.
15. Operation distance between transmitter and receiver (in free space with antenna totally pulled out.): $> 25\text{M}$.
16. Frequency: 433.92MHz .
17. Frequency error: $\pm 0.2\text{ MHz}$.

Remarks:

1. Re-install the old batteries or replace with new batteries when transmitter can't function or function normally
2. Replace with new batteries in transmitter when the operation distance is evidently shortened.