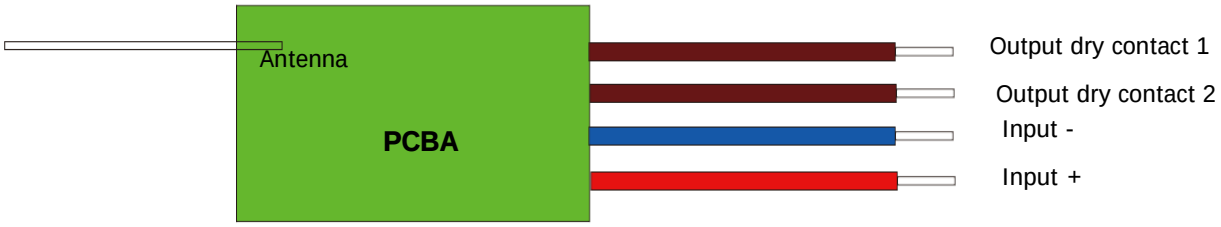
MEK3715 battery-free switch watch Specification

1.1 Brief Introduction

The system is named MEK3715, It includes one transmitter and one dry contact receiver PCBA. They can communicate each other by RF433Mhz, and the transmitter battery-free watch is powered by kinetic energy, no battery inside. The MEK3715 is for healthy center SOS calling.

1.2 Product Diagram



2 Receiver PCBA Data sheet

Item	Data
Model	MEK3715
Work voltage	DC 5V
Output	Dry Contact
Max currency	2A
Communication Protocol	RF 433MHz
Signal Distance	15-20m (indoor)
Standby power	< 0.5W
Capacity of storage	10pcs watch buttons each channel
Wire of output	PTFE,length 95mm,18AWG,immersion Tin 15mm
RF response sensitivity	-110dBm
Working temperature	-20℃ ~ +55℃

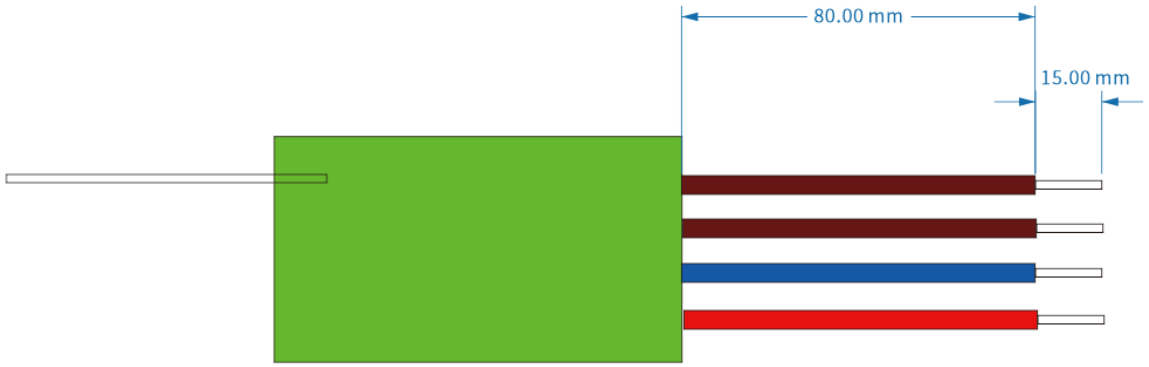
3 Function Feature

2.1 Pair with the battery-free switch watch

Hold the pair button of receiver PCBA around 3 seconds, the indicator flashes slowly,press the watch button one time. The indicator should be off, this is to say pairing finished.

2.2 Cancel and clear pairing

Hold the pair button of receiver PCBA around 10 seconds, the indicator should flash slowly, then quickly, then off. This is to say the pairing program was canceled successfully.



FCC Warning

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.

Note: 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.