< Operational description >

1. The product, Model U-RING+, consists of a Transmitter and a Receiver. The Transmitter regularly transmits RF signals every one second to the Receiver. If the Receiver does not receive the RF signals from the Transmits, the Receiver alarms the users by acoustic sound.

2. The receiver can be attached to various items, such as key rings, wallets, bags, etc. The transmitter is to be attached to the cellular phone.

3. When in use and the transmitter and receiver become out of range from one another, the receiver begins to beep. Once both devices are within the specified range, the beeping will stop. While the devices are not within the specified range of each other, the alert signal may be turned off by pressing the right side of the receiver unit. In doing so, the receiver will be powered off.

4. The LED screens on both devices allow the user to know when the devices are powered on/off.

5. The Transmitter is operated in the one of frequency range within 2412 MHz to 2461.8 MHz. The transmitting frequency and product ID code is sequentially programmed at the factory, and cannot be changed by the end users.

1) Operating frequency is fixed at one of the frequency range: 2412.0 MHz ~ 2461.8 MHz

Channel Number	Operating frequency (kHz)	Remark
0	2412.0	Lowest channel
1	2412.2	
2	2412.4	
…	…	…
124	2436.8	
125	2437.0	Center channel
126	2437.2	
…	…	…
247	2461.4	
248	2461.6	
249	2461.8	Highest channel

2) Power source: DC 3.0V Lithium Battery

3) Antenna: internal Chip antenna with 0 dBi gain.