1. Description.

The RH60A and XTR39 is designed to control various home appliances and sensor equipment safely and easily.

Using 3.9" full color touch screen makes everyone use easily the product and allows to redesign and recompose the control button according to the uses of each user.

The control system for the appliances is the infrared, and the 2.4GHz Zigbee is available as well.

The RH60 is designed to control all home appliances with only the 2.4GHz RF by using the Zigbee to IR converter instead of using the infrared, which solve the distance and space problem caused by using the infrared.

There are various entertainment features. The alarm, clock, bio-rhythm, memo pad and game are supported.

With the manager program, the database and firmware are upgraded and the LCD screen and button are recomposed simply via USB.

It is possible to use the product for around 100 hours without charging because of the excellent power management and the high capacity rechargeable battery.

While the RH60 is sitting on the charging cradle, the appliances control is allowed in case of using its sub-remote.

2. Feature

Type	Transmitter	Receiver
FCC Classification	Direct Sequence Spread Spectrum(DSSS)	Direct Sequence Spread Spectrum(DSSS)
EUT Type	Zigbee (802.15.4)	Zigbee (802.15.4)
Modulation Type	OQPSK	OQPSK
Operating frequency range	2405 – 2475 MHz	2405 – 2475 MHz
Bands of operation	2.400 – 2.4835 GHz	2.400 – 2.4835 GHz
Number of Channels	15	15
Channel Separation	5MHz	5MHz
Type of Antenna	Dielectric Chip Antenna	Dielectric Chip Antenna
Power Supply	DC 3.7 V Lithium Ion	DC 3.7 V Lithium Ion