

Operation description

The transmitter of the EUT is supplied by 6*AAA batteries.

When alarm machine in work state, the person or object falls into the pond will cause waves, then will trigger sensors, sensor will receive signals to the MCU (PIC16F716), MCU will do comparison based on the information, when judge alarm status for need ,it will alarm signal output to the LED lights, horn, and will send out alarm signal at 315MHz frequency. When receiver gets the signal of the frequency, it will do comparison whether it is alarm signals, if it is a warning signal sent out alarm machine, it will drive speakers to send a warning signal.