

Circuit Description of the Remote Control

The Circuit Description of the Remote Control resembles that of the Main Control Unit except some value of components are different.

At usual time, The Remote Control is in the sleeping mode and the Main Control Unit is in the receiving mode for power saving. When any button of the Remote Control is pressed, the remote control wakes up and transmits the corresponding information to the Main Control Unit in 120ms and waits for the acknowledgement signal in 400ms. When any alarm (such as shock sensor, door open, ignition detector) is triggered, the Main Control unit sets off the siren and flashes the turn light for 30 seconds, at the same time, the Main Control unit transmits the alarm message to the Remote Control for 3 seconds to ensure to wake up the Remote Control. If the Remote Control is within the communication range, it will receive the alarm message and sets off the warning beeping and alarm icons indicate on the LCD simultaneously. The RF module of the Remote Control is built-in, and the independent communication unit is the RF module of the Main Control Unit connected with the Main Control Unit by a 7-p cable.