

SPECIFICATION AND WORKING

(two way car alarm system 686)

Specification of Main unit

TX:

Transmitting Frequency: 433.92MHZ

Modulation mode: FSK

Transmitting Power: $\leq -2\text{dBm}$

Transmitting Frequency Deviation: $\geq 3\text{KHZ}$

Working Voltage: +3V

Transmitting Current: $\leq 15\text{mA}$

RX

Receiving Frequency: 433.92MHZ

Receiving method: FM ,Super internal differential double frequency

Receiving sensitivity: $\leq -115\text{dBm}$

Working voltage: +3V, +5V

Receiving current: $\leq 5\text{mA}$ (Intermission)

Working Process:

Working power +12V is provided by vehicle, C17, D4, RV1, C19, C20, L1, C21, C22, Z1, U2, C23, C24, L2, C36, U1, C25, C26 compose into power wave filter stable voltage circuit, provide stable working power to MCU PIC16F73, PIC16C56C, 93C46 and RF board. After receiving order transmitted by remote control, RF board in main unit transfer data to MCU PIC16F73 and PIC16C56C to process responsive control order, or in arm situation, main unit detects illegal door open or ignition, shocking and etc, after processed by MCU PIC16F73 and PIC16C56C, transmit responsive data to RF board and then transfer to responsive remote control, remote control LCD will display responsive triggering icon or sound to warning after receiving alert data.