

The Operation Description of transmitter

The power of transmitter is supplied by 12V/23A alkaline batteries. Regulator (R111AN501B) will supply power to the whole circuit after changing 12V to 5 V.

Usually, MCU-AT8P51 is sleeping, so the power waste is less. When press any of the buttons on the transmitter, the MCU will awake and start to work. The 72.25MHz FSK that made by BB148, after 6 times frequency multiplication and amplify, will filter by NDF-4011 and transmit by antenna. After once transmitting, the MCU AT8P53 will back to sleep.