

# Operation Description

This unit is a wireless transmitter, circuit working are as follows:

1. Power Source Part: the power supply is 3.7V lithium battery, which provide power to boost DC-DC circuit through ON-OFF switch, then providing 8V、5V、3V power to each different circuit separately
2. MCU Control Part: Control LCD display, phase loop lock and mute circuit respectively
3. Voice Operate Part: The signal send to preamplifier circuit after receiving audio signal by capacitor microphone,then making modulation through FM modulation circuit, to get carrier signal
4. RF Part: Though phase loop Lock and VCO generating high frequency signal 902-928MHz, and Carrier signal which through buffer、pusher、RF power amplifier to get amplification of RF signal, then transmitting by antenna