

## EX-FM-001 Operation Description:

### Transmitter

1. The product use 3pcs 1.5V AAA battery or DC 4.5V provide power, it will change for power jack J4 when use DC power.
2. Q2 is 3.0V manostat IC provide steady voltage to Q1, L2 and C40 come into being 49.86MHz to Q1.
3. J3 audio input jack via R3,R6,C17 component attenuation, modulate by Q1.
4. After Q1 modulate, the signal via C42,L5 and C44 to first Amplify circuit.
5. After Q1 second Amplify circuit, the signal via C13,L1 and antenna transmit.

