

## **HP-WH900 transmitter Operating Elements**

1. Power supply: Use size “6F22” DC 9V battery, or use DC 12V adapter.
2. U1 is a power regulator, it's supply stably voltage to circuit.
3. Stereo audio input jack, inside circuit combination to mono, modulation carrier wave.
4. Q1 with crystal (49.85MHz) and other assistant components composing oscillation amplifier and FM circuit. Who it's resonance about 49.85 MHz frequencies.
5. Q2 and assistant components composing primary band filter amplifier, its resonance 49.85MHz frequency.
6. Q3 and assistant components composing second band filter amplifier.
7. F1 is an integrated band filter, its resonance 49.85MHz, E1 is a radiation antenna.
8. D4 is a power ON/OFF indicator.
9. Q4 and Q5 with assistant components composing power ON/OFF switch.