

Product illustration

1. System introduce

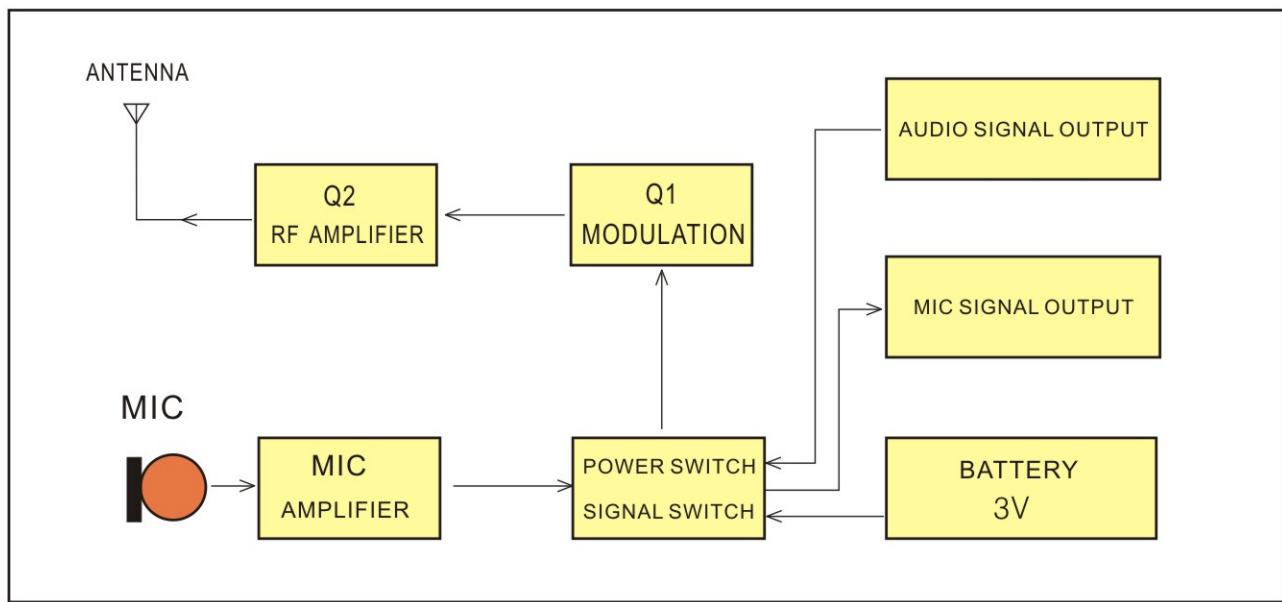
MH2001 wireless Headphone include transmitter and receiver(FM radio). The transmitter can be connected to audio device (such as TV/CD/VCD/DVD/MP3/MP4,etc.) You can enjoy the music by the receiver(FM radio) at home.

Transmission Frequency: 88.3 Mhz

Modulation Type: FM

Receiver Frequency: 86 - 108MHz

2. Transmitter Structure



The transmitter system is consist of electrical power switch circuit and OSC circuit with modulation and RF amplifier circuit.

2.1 MIC amplifier circuit

The MIC amplifier circuit includes the transistor Q3 and correlative peripheral components

2.2 Modulation circuit

The modulation circuit include the transistor Q1 and correlative peripheral components. The audio signal through C16,R2 to Q1 and generate the FM modulation signal.

2.3 RF amplifier circuit

The RF amplifier circuit include transistor Q2 and correlative peripheral components. The modulation signal through the coupling coil F1 to transistor Q2 and transferred to antenna after amplifier.