

### **Working description (transmitter)**

Transmitter's principle: transmit an audio signal into a high-frequency radio wave to transmission.

A audio signal through a 6.35 pin into transmitter, and then pass a 15 DB optional attenuation switch in the top-level audio amplification ( can be fine-tuned audio volume size ) . With that, the signal compress into the second audio amplification after the VCO Module's modulate and the third audio amplification's amplify, the transmitter's antenna emits high-frequency radio waves.

Power source is supplied by 3V AAA-size alkaline battery.