

## Principium Description Of Duplex Wireless Headphone

Description of transmitter: Firstly, audio signal is exchanged from the analog signal to the digital signal by the analog-digital circuit. Then the signal will be sent out by the RF module via the microprocessor.

Description of receiver: Firstly, the digital signal is demodulated out via the microprocessor and the RF module, then the digital signal will be exchanged to the analog audio signal by the Digital-Analog circuit. The MIC signal will be exchanged to the analog signal by the analog-digital circuit and will be sent to the receiver via the microprocessor and the RF module.