

# Operational Description

Receiving part is composed of the following circuit:

2.4G wireless receiver circuit, lithium battery charging circuit, amplifier circuit, button control circuit, amplifier power supply circuit, MCU control circuit, voltage regulator circuit.

Receiver circuit operates the audio signal transmission to the amplifier circuit for playback.

Volume control and the left-and-right channels switch are sent to the receiver module through the key control circuit.

Product supply is divided into a 3.3v voltage regulator, 1.2v voltage regulator circuit, amplifier 6.5V boost circuit and the lithium battery charging circuit.

MCU control circuit adopts 12.288 MHZ crystal oscillator. Receiver module oscillation circuit adopts 16 MHZ crystal oscillator.

Frequency range 2.401-2.479GHz