

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	Antenna
Filter	Suppression of spurious emissions	C4, C1, L1, C2, L2, C3
Encoder/Modulation IC	Signal encode and modulate	IC1
Oscillator	7.6MHz Oscillator for IC1	Y1
MCU	Control the frequency selection	IC2
Amplifier	Audio signal Amplifier	U1B
Amplifier	Audio input Pre-Amplifier	J3
Amplifier	Microphone input Pre-Amplifier	J5
Voltage Regulator	Regulate the voltage	U2, U3

Type of antenna: Dedicated, Telescopic antenna was used.

Channel list: 72.1, 72.5, 72.9MHz.

Type of modulation: FM modulation