

Indoor Receiver Description

Component	Function	Symbol
Antenna	Receive signal	ANT
Superheterodyne Receiver	Select and Demodulate the RF signal	Q1 and associated circuit
Amplifier	Amplify the RF signal	U1-A, U1-B, U1-C
MCU	Convert the RF signal to IC2	IC1
control IC	Control the Audio, Light circuit and LED display	IC2

Antenna type: Integral Antenna was used.