

Technical Specification

The 2686 is a wireless microphone with frequency operating at 88.6 MHz, the transmitting signal from it can be received by using a common 88-108MHz FM radio receiver.

From the circuit diagram, it can be seen that the audio sound is collected by the microphone (M1) or external input source, and then amplified by the audio amplified (Q3). After that, this amplified signal will be modulated by the high frequency (88.6 MHz) before transmit.

It transmit FM signal from 9.5cm extendable telescopic type antenna is equipped at the side of plastic case, the modulating circuit included two transistors (Q1 & Q2) and crystal (17.734475MHz)