

Operation Description

First, the wireless receiver works: the antenna to the radio signals

induced by a specific dielectric filter to filter out unwanted frequencies RF amplifier, and then with the local oscillator for down-beat frequency and then the second differential LO 110MHZ Frequent 10.7MHZ IF, and then amplified by the IF filter and then demodulated by the LA1140 for audio processing by the de-emphasis circuit, then amplified by the last stage into the amplifier.

TWO, the transmitter works: a tiny microphone sensitive to electrical

signal by the amplifier and then processed by the pre-emphasis circuit is a signal added to varactor diode VD1 negative side, with the size of signal level changes , VD1 capacity also changed, thus changing the rate of the vibration level to achieve the purpose of FM, and then by the frequency processing circuit and power amplifier, post-class power amplifier and matching network to launch out of the way of electromagnetic waves.