

## **Technical Description**

### **Model: BE-826 MIC**

From the circuit diagram, it can be seen that the audio sound is collected by the microphone (MIC 101), and then amplified by the audio amplifier chain(Q102 and Q103). After that, this amplified signal is modulated with the high frequency (which generated by oscillator (Y101)). The modulator is constructed with Q101, D101, T102 and Y101 which shows on the circuit. Then the modulated signal is transfer to the tuning circuit (includes C103, C101 and L102) and radiated via an antenna (made with 8cm single soft wire and 7.5 coil type antenna).