

TECHNICAL DESCRIPTION

There are two inputs, one is come from microphone that will be amplified by Q1 to a certain level, and another is direct from the stereo input such as CD or MP3 player.

Two inputs will be added together and then direct modulated with the VCO. The VCO is form by Q2, D1, C4, C5, L1 and SW2, and the channel frequency will be changing from channel 1 to channel 4 while adjust the SW2. The output of VCO will be amplified by Q3, and then go to the antenna through a LPF.

The regulator IC1 is used to stepped down the supply voltage for VCO circuit use.