

Function Introduction

1. RX Mode

When you turn on the power switch, the walkie talkie enters into RX mode receiving the high frequency signal from antenna. Then inputted inductor(L1)circuit, which is super-generation circuit that is composed of Q1,L2,C1,C2,C3,C4,R1,R2,R3. In there the high frequency signal is demodulated audio signal , passing through the switch get into amplifier circuit, which is composed of Q2 and IC1(TDA2822), finally, driving the speaker to make sound by IC .

2. TX Mode

pressing the switch into TX mode in the RX mode, when people speaking near the speaker, the voice signal is converted into electrical signal by speaker, getting into the circuit which is composed of Q2 and IC1 (TDA2822), after amplified electrical signal, modulated to the 49. 860MHZ high-frequency oscillator circuit, then sent to the air, which is composed of Q1, L1, L2, C1, C2, C3,C5, R1, R2, R3.