

Theory of Operation

1. Power Voltage: DC10V.
2. Frequency: 88.1~107.9MHz.
3. Modulation Mode: FM.
4. While open the power switch, current supply through the U6 and U7 to all unit.
First U2 send data to U1 display drive the LED-display, and U2 send RF channel data to U5, The U5 control interior VCO out RF frequency about 88.1~107.9MHz.
Second the audio signal through electronic volume control through the U3, The audio through U3 to U5 and U4, The audio level disp driver LED through the U4, U5 complete FM modulation to 88.1~107.9MHz and transmitter to air through antenna.