

### **DGPSP-592 FM TRANSMITTER LOOP DESCRIPTION**

- Fm transmitter is made of pre-weighting circuit ,limiter circuit, tone circuit, phase - locked loop circuit. Pre-weighting circuit is for improving S/N, limiter circuit is for preventing adjust signal too high, tone circuit come into stereo and compound signal, phase - locked loop circuit is for adjusting of frequency modulation transmit and auto frequency modulation.
- Stereo audio signal go through by pre-weighting, limiter to tone circuit, then go through by phase - locked loop circuit to output from an amplifier system. The output frequency is controlled by adjust press button, total have 88.1MHz、88.3MHz、88.5MHz、88.7MHz、88.9MHz , 5 channel, bandwidth is 200KHz.
- This transmitter is used of DC 5v power, current is 40MA