

Circuit Description

□□Main Circuit Board Part:

1. IC1(AST2535) is a controller, it's controls the adjustment of transmit frequency, channel saving and drive of LCD etc.
2. IC2(AT24C01/02) is a memorizer, it can assure to save the latest setted frequency after power cutting, and no need to reset when power is back.
3. U2(A8805) is a regulate circuit, transform the 12V input power into low voltage and then make power supply.
4. ICI restoration circuit compose of Q1(S8550), R2, C5.
5. LCD back lamp-house compose of Q5(S8050), D5, D6 to provide background light.
6. The 4 button “POWER”, “Down”, “Up” and “MEMORY” control separately the on & off of transmitter, plus and minus of frequency and the channel memory.
7. CN1 socket is the port of 12V power input, when the 12V plug plug in, will disconnect the cathode of the battery.

□□Standard transmit part

1. Intersectant ring control circuit compose of U2(TR3001), and it's provide voltage for transfiguration diode
2. U3 (NJM2035) is modulate circuit of stereo frequency.
3. Q1 is surge pipe
4. Q2 is zoom in pipe
5. The shielded wire of input frequency is transmit antenna.