

Operation Description

Most of the functions are controlled by MCU chip. For example, digital tube display, button inspection, RF setup and control and etc. Power management chip provides host with 3.3V power. EEPROM memory chip stores the previous frequency when the power is disconnected. Once the host is powered, Mcu will first read the previous frequency stored in EEPROM memory chip, and then MCU will set up stereo FM modulation PLL chip. After the above-mentioned setup, Mcu will mobile scan digital tube and display current frequency.

When detecting any operation of +/- button, Mcu will update PLL chip parameter and display current frequency.