

Operation Description

Audio frequency signal through Pre-emphasis network to limiter of inner IC. After process by limiter then reach to “mpx” compound unit. At the same time signal bring from transistor oscillator (7.6M) by 1-Nth frequency discompound acquire stereo conductive frequency signal. Compound signal processed by “mpx” reach to “osc modulater”. Modulater carrier signal bring from “osc” then enlarged by “RF” reach to inner antenna transmit.

Digital frequency circle circuit consist by “mcu” “shift register” “program counter” “hase detecter”. Lock the frequency which user selected.”key button” bring spring pulse date use for power on / off and modulate frequency, ”LCD” show frequency/FM/MHZ/Power energy etc. ”Power” supplier steady power for “MCU” and transmitter.