

Operation Description

The input stereo audio signal(L, R) pass through a attenuation circuit and amplified by the AMP(IC4A, IC4D). The amplified audio signal is branched to three circuits with different functions. One is input to the RECTIFIER(D12,D13) and then control the attenuation circuit to prevent the over-loading of the input stereo signal; two is input to the COMPARATOR(IC1) to control the power SWITCH(T1); three is input to the COMPRESSOR(IC3,IC4B,IC4C), and then pass though the low pass filter (T9, T19, T10, T11) into the STEREO COMPOSITE CIRTUITS to generate a stereo composite signal.

The generated stereo composite signal is adjusted by W1 and modulated in VCO(T5, VD1), then amplified by BUF AMP(T6) and FINAL AMP(T7) to the antenna.