

Model: TF-82

Circuit Description

The Dynamo Radio device can be receive the AM; FM; and Weather broadcasting. In the AM and FM broadcasting signal via a I.C. CXA1691 that built-in RF amplify and the demodulation, the AF signal via amplifier outputs to the loudspeaker. Weather radio broadcasting signal via the weather RF amplifier circuitry. Then the GP214D control by CPU (JX903D) to carry on the phase lock loop for stable the oscillator. After the MC3361 is frequency conversion and demodulation, the AF signal outputs to the CXA1691 AF amplifier, then output to the loudspeaker.

Dynamo is cranking by handle to generate power to recharge built-in rechargeable batteries, that can be refuel the power save into rechargeable batteries for operate the radio device with lamp.