

FCC ID: V2N38WB

Model: WB-38WB

Operational Description:

The Dynamo clock radio powered by 120V AC/DC adapter or three "AA" size batteries. In the AM, FM radio mode. The operating frequency of the AM band from 530 ~ 1710 kHz and FM band from 88 ~ 108 MHz. Telescopic antenna and ferrite bar antenna received FM or AM signal into I.C. SM1191 detector and amplifier output to speaker. Control the volume level for hearing AM or FM broadcasting program.

In the weather radio mode. The operating frequency from 162.40 ~ 162.55 MHz. Telescopic antenna received weather information broadcasting from local weather band station, the weather signal through the RF amplifier Q201, Q202 mix the weather band broadcasting frequency and local oscillation frequency Q203 to generate IF signal, then that IF signal pass filter T202 and amplify by Q204, Q205, Q206 and Detector stages by T204 coils convert to audio signal to I.C. SM1191 built-in the amplifier for output to speaker. The band pass filter Q207 and pre-amplifier Q208 for detect the weather band alert tone signal to active warning sound.

Crank handle to drive power generator M and bring electric power to save into rechargeable batteries for operate the unit.