

COMTRAD INDUSTRIES LTD.

港卓工業有限公司

Circuit Description

Model: T-150'X'

Date: February 22, 2001

Weather Band:

Signal passed from antenna into the Weather Band- RF Amp. Q21, Mixer Q25 together with Weather Band Oscillator Q24 and selected by SW20 for Channel 1-7 selection, the IF 455KHz was Amplifier and demodulated by Q26, Q27, Q28 & Q29 passed in the IC1 Audio Amplifier to Speaker. When Sound Chip IC2 has turned on & passed in IC1 Audio Amplifier to Speaker, at the same time weather band signal will be muted.

Product Description

The equipment under test (EUT) is a weather band radio with nature sound and alarm clock function. The operating frequency of the weather band is from 162.40 to 162.55 MHz. The EUT is powered by 120V AC/DC adaptor or three 'AA' size batteries. At the front panel of the EUT, it consists of four nature sound buttons, time setting and weather band on/off buttons, and the weather band channels selector and volume control knob are located at the side panel. This EUT is designed to receive the weather information broadcasting from local weather band stations. And, the nature sound function is mainly for relaxation purpose.