

Technical Description:

KL4883 is a 433.92MHz receiver.

U3 is an IC MA9A50 which contains the MCU. U3 is responsible to receive the temperature and humidity data from RF and display them on LCD.

The power supply is 3X 1.5V "AAA" batteries or 120VAC.

The brief circuit description is listed as follows :

- H7D and associated circuit act as 433.92 MHz Super-regenerative Receiver.
- Y1 act as 32.768kHz Clock Oscillator.
- U3 and associated circuit act as Decoder and MCU.
- U1 & U2 and associated circuit act as high Voltage Regulator.
- SP358 and associated circuit act as RF Amplifier.
- Mode/SET, RCC1, CF1, SNZ1, HIST, CH1 and MAX1 act as control keys.

Antenna Used:

An internal integral antenna has been used.