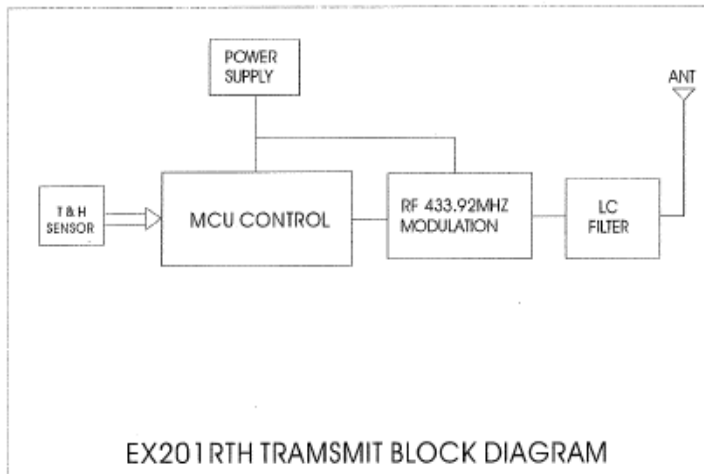
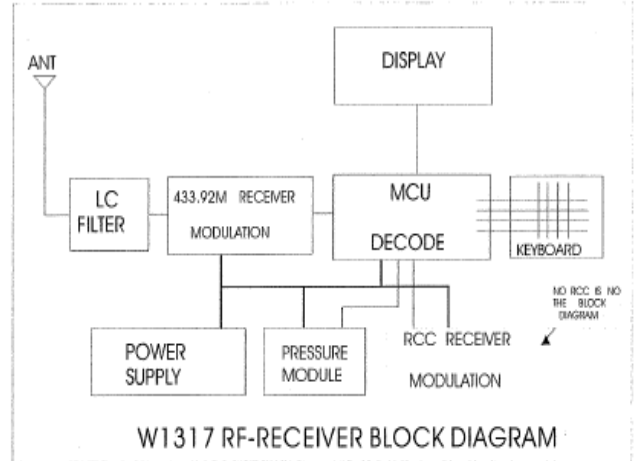


Operation Descriptions:



Tx logical block



Rx logical block

Tx operated descriptions:

Typically, the EX201RTH unit is a simple transmitter. The MCU controller operates in D.C. 4.5 voltage as well as it does not get any harmful interference. Periodically, the MCU controller gets the pressure, temperature and humidity signaling from the T&H sensor. Then the signals are converted to D.C. signaling by MCU controller. The D.C. signals also are modulated by RF 433.92MHz frequency and send to LC filter to filter-out the unwanted signals. Finally, the signaling is transmitted from antenna.

Rx operated descriptions:

The receiver is operated in D.C. 3.0 voltage. After the receiver gets the signaling from antenna, the signals will be filtered out the unwanted signals by LC filter. Then they will be de-modulated by localized RF 433.92MHz frequency and then they are fed into the MCU controlled for decoding as pressure, temperature and humidity information. Finally, the MCU will gather the time, pressure and temperature & humidity information and then display on the LCD display.