

Wireless Weather Station

Model No.:822TX

DESIGN SUMMARY

Version 01

Prepared By:



822RX



822TX (RNE822TX)

Product Specification

A good quality deluxe weather station that measures and tracks weather information with the use of outdoor sensors. The weather station consist of a indoor main unit (receiver,822RX) which can be wall mounted or placed on a desk top; and a outdoor sensors (transmitters,822TX,RNE822TX).

3.1 Operating Voltage Range

3.1.1 Receiver 3V (2*AA)

3.1.2 Transmitter 3V (2*AA)

3.2 Battery Requirement

3.2.1 Receiver:

Battery Life: 12 months. The available discharge of battery will be 1800mAh.

3.2.2 Battery Replacement:

- 1) Battery cover must open and snap lock into place and not require any tools or the removal of screws to replace battery.
- 2) Battery orientations are to be clearly marked with a battery symbol and plus and minus signs in the battery compartment.

3.2.3 Transmitter:

Battery Life: 12 months. The available discharge will be 1800mAh.

3.2.4 Battery Replacement:

- 1) When closed the battery compartment must be water tight.
- 2) Battery orientations are to be clearly marked with a battery symbol and plus and minus signs in the battery compartment.

7.1 MMI

7.1.1 User selects C/F by pushing C/F button:

7.1.2 LCD display

The LCD display the trend of the indoor and outdoor temperature according to the following condition:

- 1) If the transformation of temperature is less than 1 degC in one hour, temperature trend will be steady.
- 2) If temperature increases more than 1 degC in one hour, temperature trend will be rising.
- 3) If temperature decreases more than 1 degC in one hour, temperature trend will be falling.

7.1.3 Outdoor Temperature sensor

Outdoor temperature transports by 433.92MHz and sends signal in every 31s. The RX will display the temperature accordingly.

If RX fails to receive signal of TX over 1 hour, the RX will on the RF for 2 mins for searching the signal. If the RX cannot receive the signal, will power on the RF again next hour.

Model No.	75114
Model Name	Deluxe Wireless Weather Station
Version	03
Effective Date	10/22/2008

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with Part 15 of FCC RF Rules. Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.