SPECIFICATIONS

Receiver—

Range:	-14.2 to 158.0 °F / -9.9 to 70.0 °C
Resolution:	0.1°

Remote —

Ambient range:	-22.0 to 158.0 °F / -30.0 to 70.0 °C
Probe range:	-58.0 to 158.0 °F / -50.0 to 70.0 °C
Resolution:	0.1°

RF transmission—

Frequency:	433 MHz
Range:	Up to 100 feet (30 meters)
Rate:	Every 30 seconds
Remotes:	Up to 3 (1 remote included)
Compliance:	This product complies with standards and specifications of BZT, FCC and article number 334 of PTT.

REMOTE - BATTERY INSTALLATION AND CHANNEL SELECTION
Install the batteries into the remote(s) before doing so for the receiver.
1. Remove the battery compartment.
2. Select the channel number using the CHANNEL slide switch.

Note: When using multiple remotes, make certain to assign different channels to each remote. Once a channel is assigned to a remote, it can only be changed by removing the batteries to reset the unit.

3. Select the temperature display mode using the °C/°F slide switch.
4. Insert the 2 each AAA batteries according to the polarity shown in the battery compartment.
5. Replace the battery compartment door.

RECEIVER - BATTERY INSTALLATION
Install the batteries into the remote(s) before doing so for the receiver.
1. Remove the battery cover.
2. Insert the 2 AA batteries according to the polarity shown in the battery compartment.
3. Replace the battery cover.

REMOTE MODULE SENSORS
The remote module has two sensors, an external/bottle probe sensor and an internal/ambient sensor. Only 1 sensor operates to transmit data. When the probe is plugged in to the remote, the probe temperature is measured/transmitted, when the probe is unplugged, the ambient temperature is measured/transmitted.

The external bottle probe sensor is designed for use in refrigerators and freezers. The solution filled bottle simulates the temperature of other stored liquids. The bottle probe is filled with a nontoxic glycol solution that is GRAS (Generally Recognized As Safe) by the FDA (Food and Drug Administration) eliminating concerns about incidental contact with food or drinking water. Hook and loop tape and a magnetic strip are provided to mount the bottle to the inside of a refrigerator/freezer. (Do not immerse bottle probes in liquid).

Both the remote module and bottle probe may be placed inside the refrigerator or the bottle probe may be placed inside the refrigerator/freezer and the remote may be located outside of the refrigerator/freezer door. The micro-thin probe cable permits refrigerator/freezer doors to close on it.

The internal (ambient) sensor is located inside the case of the remote module. It is ideal for monitoring ambient air temperatures.

OPERATION
Once batteries are installed, the remote(s) will start transmitting temperature readings at 30-second intervals.

The receiver will start searching for signals once batteries are installed. Upon successful reception, the individual channel temperatures will be displayed on the top line and the ambient temperature will be displayed on the bottom line. The receiver will automatically update its readings at 30-second intervals.

Position the remote and receiver within the effective transmission range, which, in usual circumstances is 50 to 100 feet (15 to 30 meters). The effective range is significantly affected by building materials and the remote/receiver location/positioning. Try various setups for best results. (See the "Troubleshooting" section)

If no signals are received, blanks "- - -" will be displayed for the remote channel.

If no readings are received for a channel for more than 2 minutes, blanks, "- - -" will be displayed until a remote signal search is performed.

To force a remote signal search, press the CHANNEL and MEM buttons simultaneously. This is useful in synchronizing the transmission and reception of the remote and receiver. Repeat this step whenever you find display discrepancies between the receiver and remote.

RECEIVER DISPLAY
The receiver has a built in internal (ambient) temperature sensor used to display the ambient air temperature. The ambient temperature is shown on the bottom portion of the display.

The remote readings, corresponding remote channel and temperature trend are shown on the top portion of the display.

Press the CHANNEL button to switch from one remote channel to another.

The temperature trend indicator shows the trend of readings at the remote. There are three possible trends that will be displayed, rising, steady, and falling.

If the temperature goes above or below the temperature measuring range, the display will show "HHH" or "LLL".

The reception icon shows the signal receiving status of the receiver:

Successful Reception	● ◌ ◌ ◌
Search Mode	● ◌
No Signal	●

DISPLAYING °F OR °C (RECEIVER)
To display the temperature readings on the receiver in Fahrenheit or Celsius, slide the °C/°F switch to the desired position. The °F/°C display selection for the remote module(s) is independent of the receiver.

MINIMUM AND MAXIMUM MEMORY
The ambient temperature at the receiver and the temperatures transmitted from the remote(s) are automatically recorded into memory.

Minimum and maximum temperature memories are NOT programmable. The minimum temperature recorded into memory is the minimum temperature achieved since the last time the memory was cleared. The maximum temperature recorded into memory is the maximum temperature achieved since the last time the memory was cleared. The minimum and maximum temperature memories are maintained over the period since the memory was cleared.

VIEWING MIN/MAX MEMORY
1. Press the CHANNEL button to select the desired remote module.
2. Press the MEM button once to display the maximum temperature (MAX will appear on the display).
3. Press the MEM button again to display the minimum temperature (MIN will appear on the display.
4. Press the MEM button again to return to the current temperature display.

CLEARING THE MIN/MAX MEMORY
To clear the MIN/MAX memory, press the CLEAR button, all segments of the display will appear for 2 seconds.

ALARMS (REMOTE MODULE READINGS)
Remote module alarm limits may be set in 1° increments. Remote module alarm limits are set independent of each other.

With the alarm values set:
-The receiver will sound an alarm when the temperature measured is outside the alarm limits that have been set (equal to or lower than the low alarm set point, or equal to or greater than the high alarm set point).

-The display will switch to the respective remote channel with the display flashing. The respective HI/LO indicator(s) will appear to signify the status of the alarm.

-The alarm will sound regardless of which remote sensor is being displayed and regardless of the display mode.

-If the temperatures measured are outside the alarm limits that have been set for more than one channel, the alarm will sound with the display alternating from one alarming channel to another at 5-second intervals.

If undisturbed, the alarm will sound for one minute. Press any key to mute the alarm momentarily.

To completely disable the alarm, select the channel and press the ON/OFF TEMP AL button to turn it off.

SETTING THE TEMPERATURE ALARM LIMITS
1. Press the CHANNEL button to select the desired remote channel.
2. Press the HI/LO button for the upper (HI) or lower (LO) limit.

"OFF" will be displayed if the alarm for that limit is turned off. Press the TEMP AL ON/OFF button to turn on the alarm limit.

3. Press the ▲ button to set the upper and/or lower temperature alarm limits.
4. Press HI/LO button to set another limit or return to normal display.