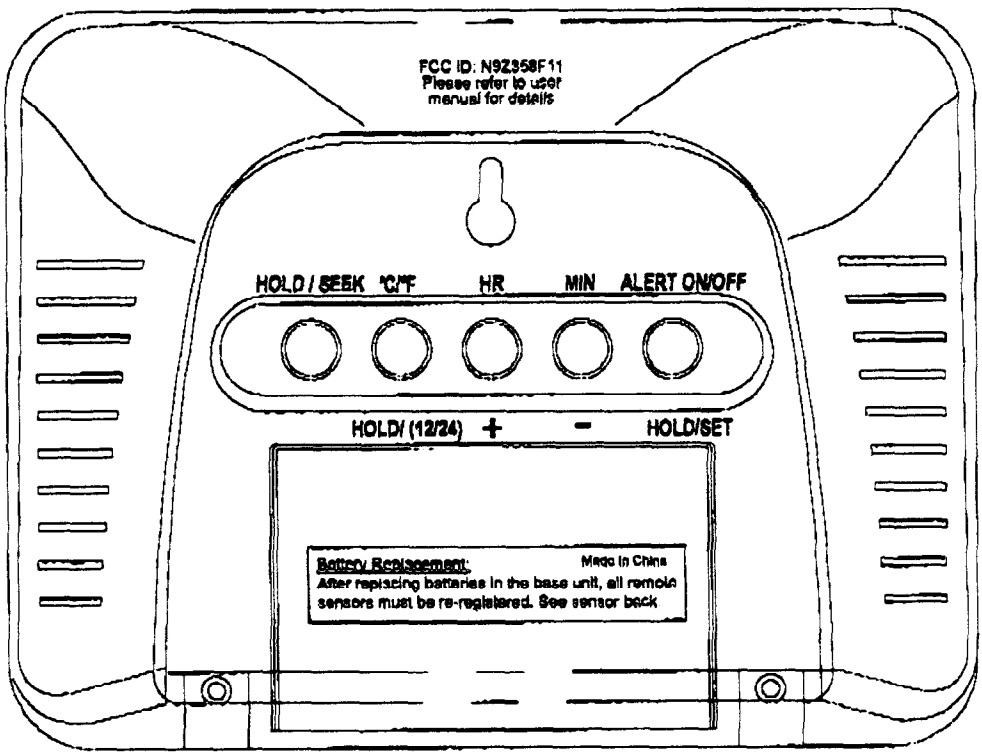
FCC ID: N9Z358F11
Please refer to user manual for details



ACTIVATION OF YOUR WIRELESS THERMOMETER

Your wireless thermometer is designed for easy set up. However, the steps required must be done in the proper sequence. Please follow these instructions carefully:

BATTERY REQUIREMENTS

Base receiving unit	2 AA alkaline batteries
Remote sensor	3 AAA alkaline batteries

A. ACTIVATING RECEIVING UNIT:

1. Remove the stand if it is in place by rotating the rear edge down.
2. Press and slide open the battery door. Install 2 size AA batteries into the battery compartment according to polarity markings in the bottom of the battery compartment. Close the battery door. Install the separate stand as shown in Figure 1.
   The upper LCD of the receiving unit will indicate '---F', and is ready to register with remote sensor(s). (Additional remote sensors are available directly from Springfield Precision Instruments Inc. Ordering information is located in section G)

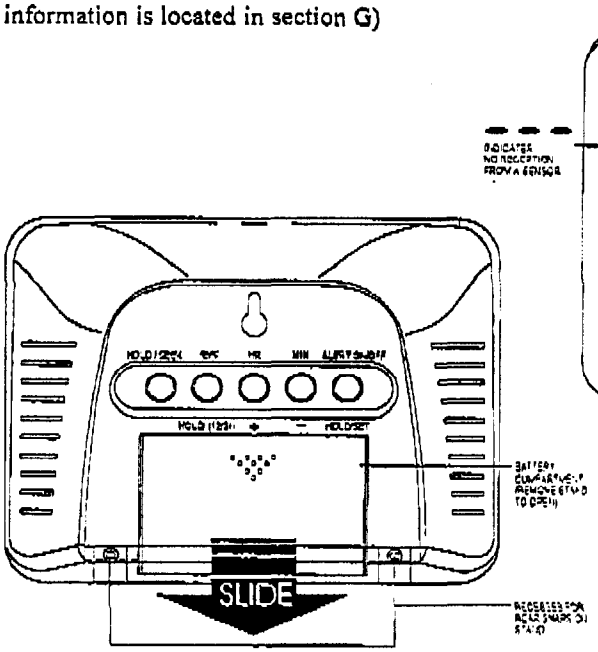
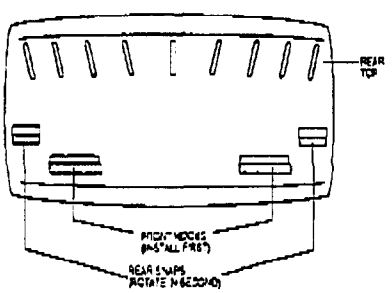


FIGURE 1



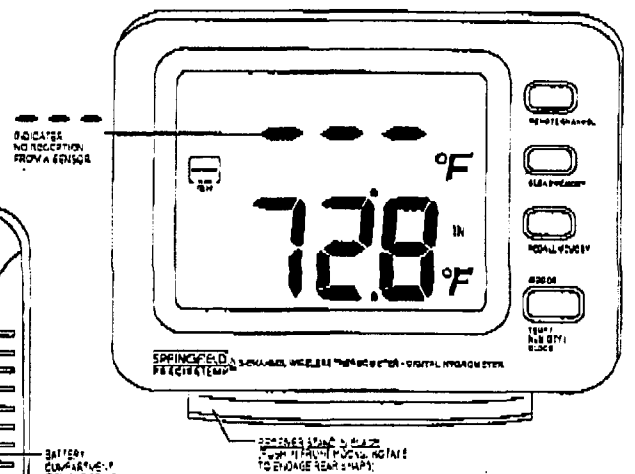
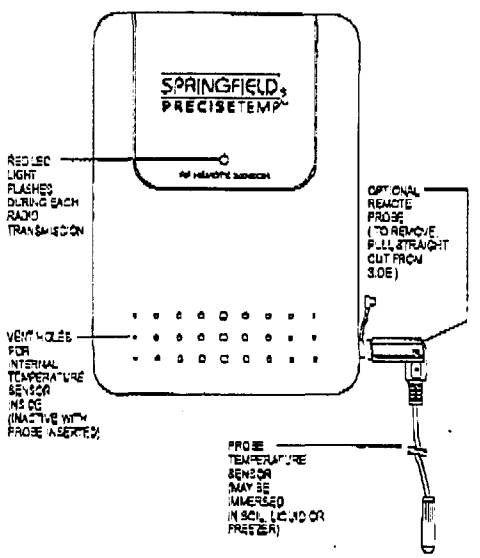


FIGURE 2



B. ACTIVATING AND REGISTERING REMOTE SENSOR #1

1. Place remote sensor #1 near receiving unit
2. Lift off the mounting bracket by releasing the bottom two fixing (snap) locations as indicated.
3. Use a small Philips screwdriver to remove the 4 screws on the water-resistant battery cover. Use care not to drop and lose the small screws.
4. Use a ballpoint pen to slide sensor switch shown in Figure 4 to 1, 2, or 3 for the channel selection (do not choose the same channel number for a second or third sensor). Place the small self-adhesive label #1 on the top rear of the back of remote sensor for future reference.
5. Install 3 size AAA batteries according to polarity markings in the bottom of the battery compartment. Once batteries are installed the sensor will transmit RF temperature signal to the receiving unit. The upper LCD of the receiving unit will show the selected channel number and the temperature. If registration is not successful, you can force out new signals by pushing and holding the TX button of the remote sensor for 2 seconds, or remove and re-install batteries.
6. Once registration is complete, check that the rubber seal is in the cover groove as shown in Figure 4, close the battery cover and tighten the 4 screws. Snap on the mounting bracket.
7. To activate and register a second or third remote sensor with the receiving unit (when available), Follow steps 1- 6. Remember to place the proper numbered self-adhesive label on each new remote sensor.

C. SETTING THE CLOCK

The lower display shows local (indoor) temperature after the batteries are installed. To set the clock, press the Temp/Humidity/Clock button twice until the clock time is displayed. Using the HR and MIN buttons on the back of base receiver set the local time. You may select 12 hour AM/PM or 24 hour (military time) clock configurations by holding the marked button (Hold/(12/24)) in for 4 seconds.

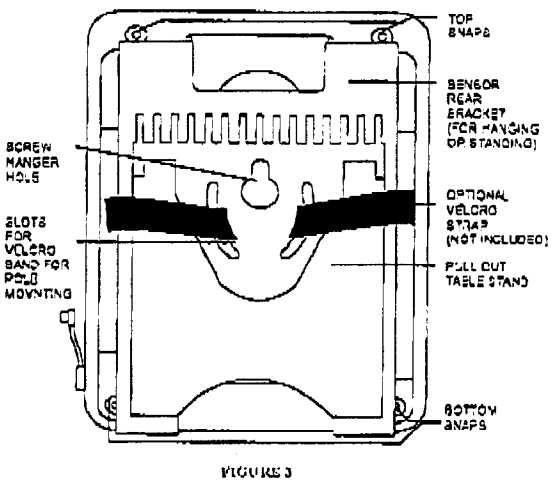
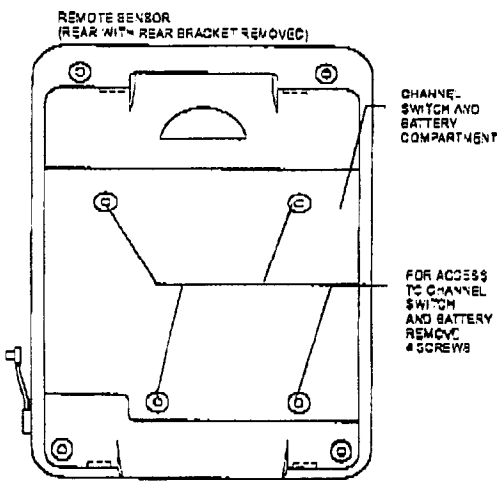


FIGURE 3



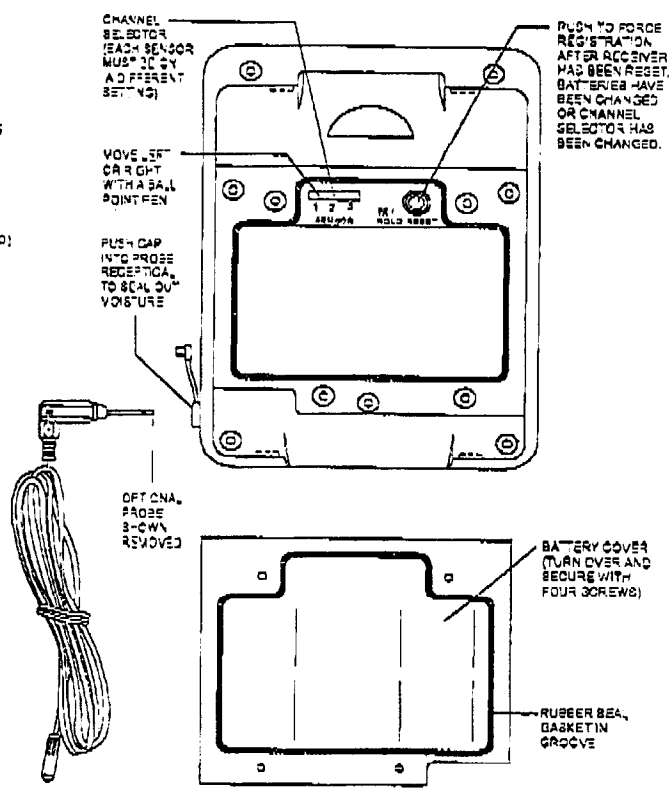


FIGURE 4

YOU HAVE NOW PERFORMED ALL THE STEPS NECESSARY TO PUT YOUR WIRELESS THERMOMETER SET IN OPERATION. YOU ARE NOW READY TO PLACE THE REMOTE SENSOR (S) IN THE DESIRED LOCATION (S).

D. INSTALLATION OF REMOTE SENSOR(S)

1. Locating remote sensor in clear open areas can attain a maximum 100-foot transmission distance. Actual transmission distance may be reduced by interference from buildings or obstructions between the sensor and the receiver. Location should be away from direct sunlight and sheltered from rain.
2. The remote sensor (s) have been designed to accommodate a variety of mounting options. (See figure 3) Remote (s) can be hung flat on a wall by means of a small screw. There are slots on the rear bracket that will accommodate a piece of Velcro, wire ties or string to enable remote (s) to be pole mounted. There is also a pull out table stand if you desire a horizontal surface mount.

Before making a permanent installation of a remote sensor, check to see that the base receiver is displaying each channel temperature from the remote location as described below.

CHECKING SENSOR RECEPTION

The red LED indicator on the sensor will blink for each RF temperature transmission. The sensor is designed with a battery saving mode. Transmission will only happen every 2.5 minutes when the temperature change is less than 0.3 degrees. Whenever temperatures change more than 0.3 degrees the signal will be transmitted instantly. The receiving unit will display '---F' in 11 minutes if no transmission is received.

After you have placed the sensor in the remote location, observe the receiver channel display for that sensor after 11 minutes. If you note the dash (---) display for one channel the signal has been lost, then try rotating that sensor in 45(steps, waiting at least 3 minutes after each position change. Observe the receiver channel display at each position to determine that the remote temperature display has been restored. If not, continue rotation or repositioning of both receiver and remote sensor until reception is observed.

USING 6' TEMPERATURE PROBE

Your wireless thermometer is equipped with a 6" corded temperature probe for measuring water, soil, freezer or very low outside temperatures. To activate this probe, open the cover of the plughole at the side of the remote sensor and insert the probe plug (as illustrated in Figure 4). The probe is now active. Temperature readings will be displayed on the channel matched to the remote location where the probe has been inserted.

E. BATTERY REPLACEMENT

Replacing batteries in the base unit (2 x AA)

After inserting new batteries into the base unit , all remote sensors must be re-registered. Remove the battery cover of the remote sensor and push and hold TX button for at least 2 seconds to send a new registration signal. Close the battery cover and re-install the sensor. Repeat the procedure with the remaining sensors (if any).

Replacing batteries in the remote sensor (3 x AAA)

Remove the battery cover of the sensor , replace batteries paying attention to the polarity and push and hold Tx button for at least 2 second. Close the battery cover and re-install the sensor.

Note: if you wish to change the channel number using the selector on the back of the sensor, the new channel must be clear (not used by the other sensor); see HOLD/SEEK button function of the base unit below.

F. OTHER OPERATIONS OF YOUR 3 CHANNEL WIRELESS THERMOMETER SET.

ONCE THE WIRELESS SYSTEM HAS BEEN INSTALLED WITH PROCEDURES A - D, ALL OTHER FEATURES ARE OPERATED FROM THE BASE RECEIVER UNIT.

Before attempting to use the other features, please review the display icons of FIGURE 5 and the button functions listed on the following pages since some buttons operate more than one function

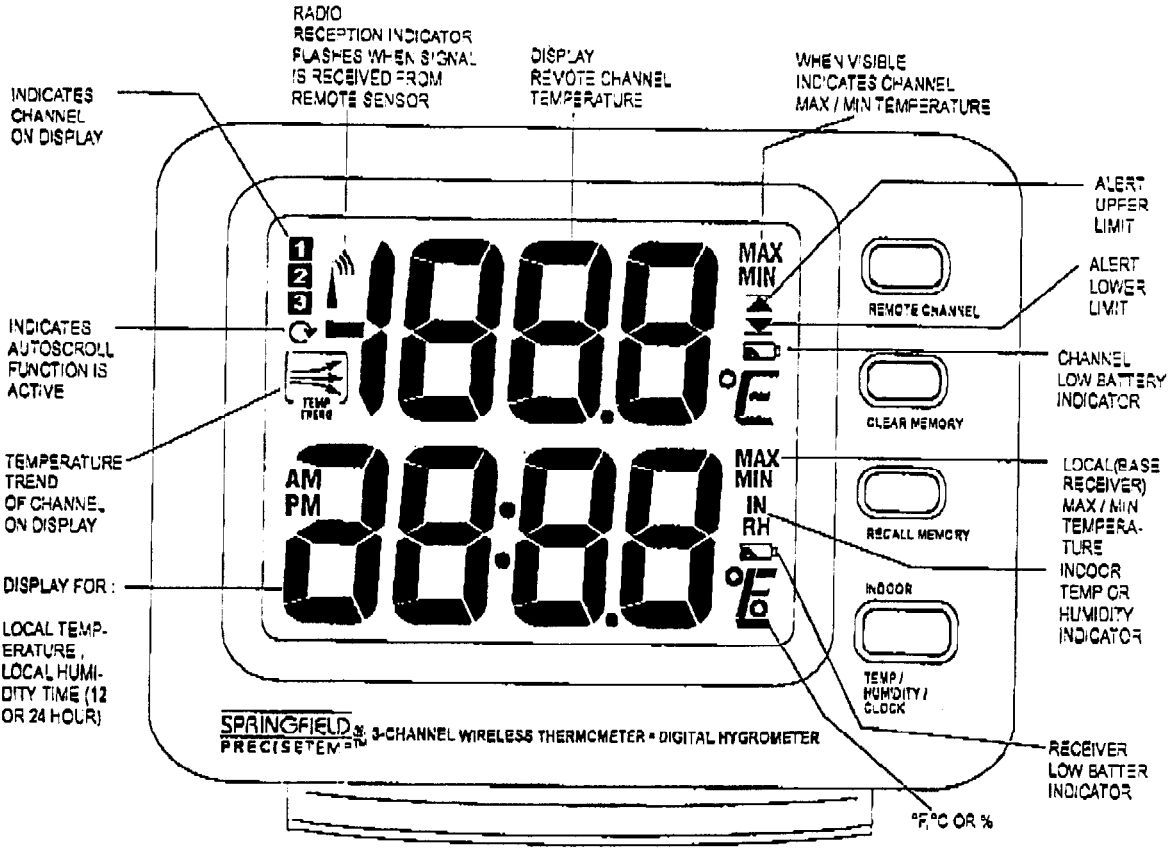
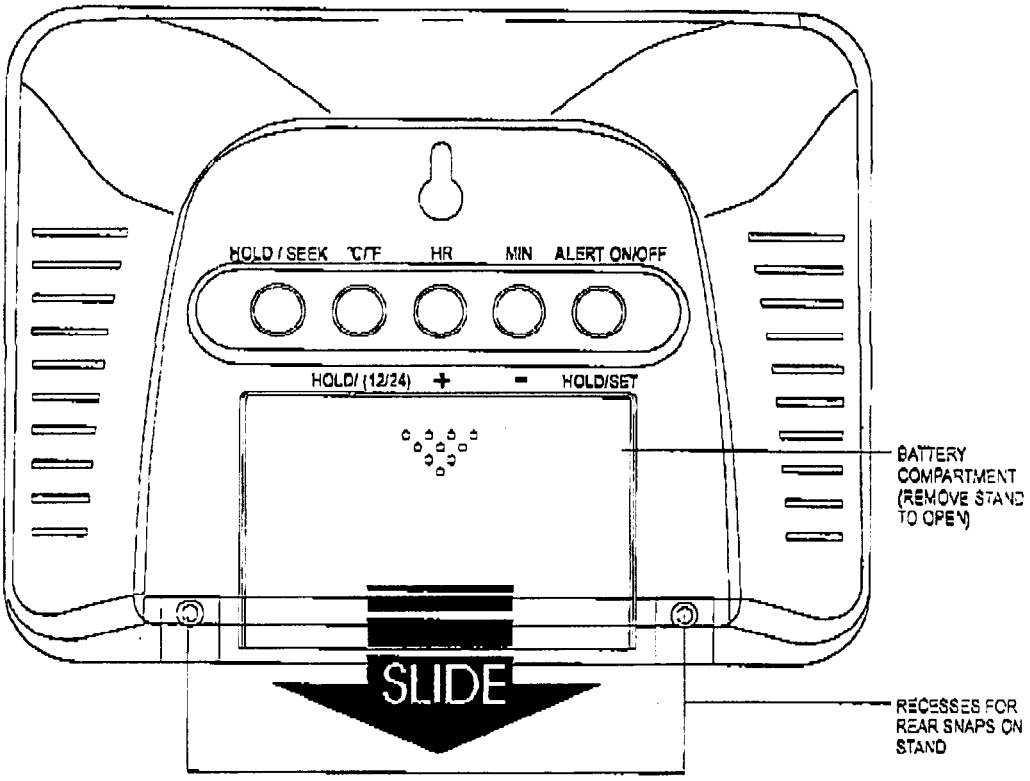

RADIO RECEPTION INDICATOR FLASHES WHEN SIGNAL IS RECEIVED FROM REMOTE SENSOR
DISPLAY REMOTE CHANNEL TEMPERATURE
WHEN VISIBLE INDICATES CHANNEL MAX / MIN TEMPERATURE
INDICATES CHANNEL ON DISPLAY
ALERT UPPER LIMIT
ALERT LOWER LIMIT
INDICATES AUTOSCROLL FUNCTION IS ACTIVE
CHANNEL LOW BATTERY INDICATOR
TEMPERATURE TREND OF CHANNEL ON DISPLAY
LOCAL(BASE RECEIVER) MAX / MIN TEMPERATURE
DISPLAY FOR :
INDOOR TEMP OR HUMIDITY INDICATOR
LOCAL TEMPERATURE , LOCAL HUMIDITY TIME (12 OR 24 HOUR)
RECEIVER LOW BATTER INDICATOR
°F,°C OR %
MAX
MIN
REMOTE CHANNEL
CLEAR MEMORY
RECALL MEMORY
INDOOR
TEMP / HUMIDITY / CLOCK
AM
PM
IN
RH
SPRINGFIELD PRECISETEMP
3-CHANNEL WIRELESS THERMOMETER • DIGITAL HYGROMETER

FIGURE 5


HOLD / SEEK °C/F HR MIN ALERT ON/OFF
HOLD/ (12/24) + - HOLD/SET
BATTERY COMPARTMENT (REMOVE STAND TO OPEN)
SLIDE
RECESSES FOR REAR SNAPS ON STAND

BUTTON FUNCTIONS ON FRONT OF BASE RECEIVER

REMOTE CHANNEL

1. To retrieve a specific remote sensor temperature reading when multiple remote sensors are active, press the remote channel button until desired channel is displayed.
2. The base receiver is equipped with an Auto Scroll function that when active will automatically cycle through remote channels 1 - 3. To enable or disable this function, hold the remote channel button for 3 seconds.
   " C" Icon appears if auto scroll is enabled. Auto scroll will only function if more than 1 sensor is active.

RECALL MEMORY

This unit records and displays maximum or minimum temperature readings of the receiver and all active remote sensor locations. (The min./max. readings will only be shown for the channel and the lower function actually on display)

1. To read maximum record for 10 seconds, press RECALL MEMORY button. Press again to read minimum record for 10 seconds.
2. The memory recall can also be used to retrieve max/min humidity readings at receiver location if humidity is selected on lower display.

CLEAR MEMORY

To clear (erase) only the maximum record or minimum record that is being displayed on screen press clear memory button. **Note that if local (indoor) temperature or humidity max or min is on display, they will also clear. To prevent this, select clock on the lower display before pressing CLEAR MEMORY button.**

INDOOR-TEMP/HUMIDITY/CLOCK

Press to scroll through displays for base receiver temperature, relative humidity reading or time.
Icon "IN" appears when displaying local temperature. Icon "IN RH" appears when displaying relative humidity.

BUTTON FUNCTIONS ON BACK OF BASE RECEIVER

(All rear buttons have two functions when printed above and below the button).

HOLD / SEEK

This recessed button clears registration of the displayed channel (sensor) in the base unit. Push the button for at least 5 seconds to clear channel in preparation for the new sensor. Then the new sensor should be re-registered using procedure B1 - B6 (see above).

C°/F° - HOLD (12/24)

1. Push to select temperature readings in Celsius or Fahrenheit.
2. Hold 3 seconds to select 12 or 24 hour time configuration.

HR - +

1. When clock is displayed, each short press will increase HOUR one step upward.
2. When setting temperature alert function, press to increase setting of temperature limit on flashing display.

MIN - -

1. When clock is displayed, each short press will increase MINUTE one step upward.
2. When setting temperature alert function, press to decrease setting of temperature limit on flashing display.

ALERT ON/OFF - HOLD SET

This unit can be programmed to alert you that the temperature has risen above or below a pre-determined range at the receiver or any of the 3 remote sensor locations.
Short press to enable or disable both upper and lower temp alarms. The upper and lower icons appear when temp alert is enabled. If enabled, all alarms previously set for each channel and indoor become active and will signal if limits are reached or passed. When alarm occurs for a temperature not on display, the audible signal will occur and the upper or lower icon will flash. Use the channel selector to display the correct channel and the actual temperature will be shown, also flashing.

Alarm limits are set for the indoor (local) temperature and each channel separately. The procedure to set these limits must be followed exactly to avoid error.

a. Press and hold HOLD/SET button 3 seconds.
   The upper display is for upper limit and shows --- dashes
   The lower display is for lower limit and shows --- dashes
b. Use the Remote Channel button to select the Sensor for which you wish to set limits.
   The button press repeats this sequence:

Indoor (local)	Icon IN appears on lower display
Channel 1 (If registered)	Icon 1 appears
Channel 2 (If registered)	Icon 2 appears
Channel 3 (If registered)	Icon 3 appears

c. After selecting the channel, press the ALERT button once and the upper limit display and icon will flash. The display will show the last upper limit set for the channel you have selected.
d. Within 8 seconds, press the + or - button to increase or decrease the upper limit alert value by 1.8° F (or 1° C) for each press.
   Holding the + or - button will cause the setting to change rapidly.
e. When the desired setting is reached, press the ALERT button once to confirm the setting.
   The display will show the new setting and the lower limit display and icon will flash.
f. Within 8 seconds, press the + or - button to increase or decrease the lower limit.
g. When the desired setting is reached, press the ALERT button once to confirm the setting.
   The upper display will return to the channel selected and the lower display will automatically display local (indoor) temperature.

To set the ALERT values for the other registered channels, select the channel desired and repeat the procedure from a to g.

NOTE : Default values (after battery installation or reset of the receiver) are:
INDOOR: Upper Limit is +50°C, +122°F - Lower Limit is 0°C, +32°F
REMOTES: Upper Limit is +70°C, +158°F - Lower Limit is -50°C, - 58°F

TREND INDICATOR

Trend indicator automatically shows as an increasing icon or decreasing icon if the displayed channel temperature has changed.

G. PURCHASING ADDITIONAL SENSORS

Additional two-way Sensors like the one furnished with this set may be ordered directly from Springfield by calling: **1-888-80WEATH(ER) / 1-888-809-3284**

Please have a major credit card ready when placing the call.

Two way sensors have the removable probe extension cable and can be used as regular sensors with the probe removed. Remember, one base unit will operate only 3 sensors.

H. PRODUCT SPECIFICATIONS

Power source: AA size (UM3) battery x 2 pcs. (Receiver), AAA x 3 pcs., (Transmitter).
After installing batteries, the LCD will be given a full segment test for 3 seconds, with beeping test tone.

Default values :	Clock	: 12:00 (12 hr mode)
	Thermo	: Degree F
	Mode	: Indoor temperature
	Alert	: All channels alert off Indoor upper = +50°C to +122°F, lower = 0°C to +32°F Outdoor upper = +70°C, +158°F, lower = -50°C, -58°F
Temp range :	Indoor	: 0°C to +50°C (+/- 1.5 degree), +33°F to +122°F (+/- 2.5 degree)
	Remote sensor	: -20°C to + 50°C (+/- 1.5 degree), -10°F to + 120°F (+/- 2.5 degree)
	Remote probe	: -50°C to +70°C (+/- 1.5 degree), -58°F to +158°F (+/- 2.5 degree)
Hygro range :	Indoor	: 5% to 99% (+/- 3% normal range)
Clock :		: +/- 60 sec per month

FCC ID: N9Z358F11

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

1) **This device may not cause harmful interference, and**
2) **This device must accept any interference received, including interference that may cause undesired operation.**

User cannot modify products.