

# SPRINGFIELD®

## PRECISETEMP™

### REMOTE SENSOR

Model No. 91661

### Instruction Manual



Remote sensor 91661 is compatible with Springfield base station model number 91049-1 (SF version).

#### FEATURES AND SPECIFICATIONS

- 433 MHz transmission frequency
- Transmission range up to 100 ft. (range may be shorter based on interference present)
- Temperature range: -4°F to 158°F (-20°C to 70°C)
- Temperature tolerance: +/- 2.0°F (+/- 1.1°C)
- Table top or wall mount
- Requires (2) AAA batteries

#### *Notes:*

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon zinc), or rechargeable (nickel cadmium) batteries.
- For maximum performance in normal conditions we recommend using good quality alkaline batteries. When temperatures are below 0°F, alkaline batteries can lose power resulting in a loss of remote transmission. If you reside in an area that experiences frequent temperatures near or below 0°F, we recommend using lithium batteries to minimize the loss of transmission.

## **BATTERY INSTALLATION AND SET-UP**

- The base station should already be in operation with the first remote sensor registered with the base station. (Refer to the instruction manual for model no. 91049-1 SF version).
- Position the new remote sensor near the base station.
- Press and hold the CHANNEL button on the base station for 3-4 seconds until the RF signal icon is showing. (Located to the left of the outdoor temperature display.)
- Open the battery compartment at the back of the remote sensor.
- Slide the channel selector switch to an unused channel.
- Insert (2) AAA batteries in the remote sensor according to the polarity markings.
- Press either the TX or RESET button, which are located inside the remote battery compartment.
- Replace the battery compartment cover.
- The base station will begin to look for the RF temperature signal from the remote sensor. Observe the outdoor temperature reading on the base station to confirm the connection. The connection may take several minutes.
- Press CHANNEL to select the remote channel you want displayed permanently on the base station. Or press CHANNEL until you observe a circular arrow on the base station LCD display under the channel number. The unit will then auto-scroll, changing from channel to channel every 5 seconds.

## **LOCATING THE BASE STATION AND REMOTE SENSOR**

- Choose a suitable place for the base station and remote outdoor sensor, within the transmission distance.
- Place the base unit near a window, but away from direct sunlight or sources of heat or air conditioning to ensure accurate temperature readings.
- The remote sensor is water resistant, not waterproof. Locate the sensor out of direct sunlight, in an area where it will not be exposed to rain, snow or ice.
- The location you choose is critical for maximizing the transmission range. The remote sensor is designed to transmit up to 100 ft. unimpeded. Transmitting through walls, metal doors and metal framed windows may reduce the transmission range. To optimize the transmission distance, the remote should be positioned in a location that minimizes these obstructions. Interference from other sources such as home security systems, wireless doorbells and wireless home entertainment equipment may interrupt the transmission signal temporarily.

## **PURCHASING ADDITIONAL REMOTE SENSORS**

Additional sensors may be ordered directly from Springfield Precision Instruments, Inc. by calling 1-888-809-3284. Reference P/N 91661. Please have a major credit card ready when placing the call.

## **FCC STATEMENT OF COMPLIANCE**

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 of more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

### LIMITED WARRANTY

Springfield warrants this product to be free from defects in workmanship or material for a period of one year from the date of purchase. **ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF FITNESS AND MERCHANTABILITY ARE HEREBY LIMITED IN DURATION TO A PERIOD ENDING ONE YEAR FROM THE DATE OF PURCHASE.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, which vary, from state to state. During the warranty period, such defects will be repaired or the defective instrument will be replaced at our option. This warranty does not cover damages through accident or misuse. **IN ADDITION, SPRINGFIELD IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES INCURRED AS A RESULT OF DEFECT.** Repair or replacement will be made at our option without additional charge if the instrument is returned postpaid with \$4.00 for return postage and handling to:



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1-888-809-3284

Made in China

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