ACC895WRFT

WIRELESS MIN-MAX ALARM THERMOMETER FEATURES

- 3 channels temperature measurement
  Internal – Devices ambient temperature
  External – Probe with bottle
  Wireless – Bluetooth transmitter
- Triple display for current, minimum and maximum temperature
- Programmable Low and High alarm limit
- Ambient/External temperature display
- Wireless temperature display
- °C / °F exchange
- Low battery indicator
- Foldaway stand or mounting keyhole
- FCC, CE, IC and RoHS complaint

INSTALLATION WIRELESS TRANSMITTER

1. Install battery with correct polarity positioning. Diagram of polarity printed on end cap.
2. Press [⏻] on the Wireless Transmitter to power on; Blue LED light above power button will flash 5 times.
3. Put the Wireless Transmitter into the area of temperature monitoring. Allow the unit to reach temperature equilibrium of the area to be monitored before setting Low and High Alarm Limits (approx. 1 hour)
4. Continue to OPERATION for next step.

   If you require to turn off your Wireless Transmitter press and hold [⏻] for 3 seconds; Blue LED light above power button will flash 2 times.

INSTALLATION PROBE

1. Remove protective plastic end from probe sensor connection end and plug into port on side of unit.
2. Turn Thermometer/Receiver over and remove battery cover. Install batteries with correct polarity positioning in Thermometer/Receiver. Diagram of polarity printed inside battery compartment. Replace battery cover.
3. Put the Probe into the area of temperature monitoring. Allow the unit to reach temperature equilibrium of the area to be monitored before setting Low and High Alarm Limits (approx. 1 hour)
4. Continue to OPERATION for next step.

OPERATION

1. Turn on the Thermometer/Receiver using On/Off switch on the back of the unit.
2. Select Celsius or Fahrenheit using °C /°F button on the back of the unit.
3. Ensure that the Probe/Wireless Transmitter is in the area of temperature monitoring and has equilibrated prior to setting Low and High Alarm.

LOW AND HIGH ALARM LIMIT SETTING

1. Press [MODE] to enable alarm limit setting.
   Press [LO ↑] to set low alarm limit. * *Holding down the button will increase the value automatically. If you missed desired temperature, continue holding button while temperatures cycle again. You can also press the button to increase by a single degree slowly.*
   Press [HI ↑] to set high alarm limit. * *Holding down the button will increase the value automatically. If you missed desired temperature, continue holding button while temperatures cycle again. You can also press the button to increase by a single degree slowly.*
   **If you select LO/HI parameter for a Probe/Wireless Transmitter that exceed your parameters the thermometer will alarm immediately.*
2. Press [MODE] to return to NORMAL <Current/Min/Max> display mode.
3. When the current reading is lower or higher than the alarm limits the alarm will sound and a red LED light will flash at the bottom right of the unit.
4. To stop the alarm sound, press any button once. The LO or HI icon will still be flashing until the current reading is within the alarm limit. Press [LO ↑] and [HI ↑] simultaneously to turn off the LED.
5. Press [🔔] to enable alarm function.

RESET MINIMUM (MIN) AND MAXIMUM (MAX) READING MEMORY

1. In MIN-MAX display mode, press [Min-Reset] to reset minimum reading memory to current temperature reading.
2. Press [Max-Reset] to reset maximum reading memory to current temperature reading.
3. Reset the memory once after viewing/documenting new Minimum or Maximum readings to begin new data cycle.

AMBIENT/EXTERNAL WIRELESS SENSOR TEMPERATURE DISPLAY

Press [AMB/EXT/WIRELESS] to select AMB, EXT, or Wireless [((•))] temperature display.
*When powering up, displays Ambient.

CODE REMATCH

1. Wireless Transmitter has been synchronized with the Thermometer/Receiver at ex-factory setting and serialized to match. If rematch is needed, turn off the Thermometer/Receiver, press and hold [MODE] and turn on the thermometer after 5 seconds. Rematch mode will start and "Syn" icon will appear in the display.
2. Turn off the Wireless Transmitter press and hold [⏻] for 3 seconds; Blue LED light above power button will flash 2 times. Now turn on the Wireless Transmitter by press and hold [⏻] for 5 seconds to start rematch.
3. The units will restore the new code automatically and return to NORMAL <Current/Min/Max> display mode.

NOTE

1. If the Thermometer/Receiver is not in use for a long period of time remove the batteries from battery compartment to avoid battery leakage.
2. Do not operate the Thermometer/Receiver in environmental temperature lower than 0°C/32°F or higher than 50°C/122°F otherwise incorrect readings or damage to the Thermometer/Receiver may result. The Thermometer/Receiver should never be placed in an appliance for temperature monitoring, only the Probe or Wireless Transmitter.

Measuring Range	0~50°C / 32~122°F (thermometer internal sensor) -50°C~70°C / -58~158°F (External probe sensor) -40°C~50°C / -40~122°F (External wireless sensor)
Display Accuracy	±0.5°C / ±0.9°F in -20 ~50°C / -4~122°F, ±1.0°C / ±1.8°F rest range
Display Resolution	0.1°
Display Reading Update	10 seconds thermometer internal sensor; 30 seconds external wireless sensor
Wireless Sensor Distance	50m (open field), 10m (inside appliance)
Battery	1.5 volt, type AAA x 4 pieces
Display Size	(W) 79mm x (H) 66mm
Thermometer Receiver Battery Life	~ 15,000 hours in probe mode ~ 4,000 hours in wireless mode
Wireless Transmitter Battery Life	~ 6,000 hours
Accessories	1 each, external probe sensor, 1m cord 4 each, AAA batteries 1 each, external wireless sensor

ERROR SYMBOLS

SYMBOL	DESCRIPTION	ACTION
r ▭	Transmitter low battery voltage	Replace battery
A ▭	Receiver low battery voltage	Replace battery
LL.L	1. Sensor open circuit 2. The reading exceeds lower range of thermometer (-50°C/-58°F)	1. Return the thermometer for evaluation/repair 2. Adjust for reading to be in range of lower limit
HH.H	1. Sensor open circuit 2. The reading exceeds upper range of thermometer (70°C/158°F)	1. Return the thermometer for evaluation/repair 2. Adjust for reading to be in range of upper limit
Con	Receiver is searching the signal from the transmitter	1. Turn on the transmitter 2. No action required (searching when powered on)
Syn	Code rematch	No action required
FAI	Connection failure	1. Review product is in valid distance range 2. Power device on/off

LIMITED WARRANTY

1 year from date of distributor purchase due to manufacture defect of product functionality.

SDS – https://www.thermcoproducts.com/sds.html   Therm-102-Dynalene Bio Glycohl.pdf

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