CONTROLS
WiFi: Enables or disables WiFi capabilities.
SET: Use to set: date/time, alarm settings
(If WiFi is disabled).
UP: Adjusts setting up in SET menu.
DOWN: Adjusts setting down in SET menu
CHANNEL SELECT: Selects which channel to
display or select dual channel view mode to view
both channels.
PLAY/PAUSE: In single channel view mode,
select second line display: current time, current
minimum, current maximum, alarm setting lower
limit, alarm setting higher limit.
C/F: Selects temperature unit
CLEAR: Press to clear current min/max values.

Note: “WiFi enabled” is indicated by the flashing WiFi
symbol. It also indicates that WiFi network needs to
be configured. If WiFi network has been configured,
and WiFi symbol flashes and buzzer beeps every 15
seconds, it indicates an alarm of unsuccessful data
transmission to cloud server. Press button to
clear alarm, or alarm will clear automatically upon next
successful transmission.

DEVICE SPECIFICATIONS:
Temperature Range: -50 to 60°C (-58 to 140°F)
Temperature sample rate: 12 seconds
Default WiFi Transmission Frequency: 15 minutes
Maximum number of Stored Records: 672 (7 days if set to
15 minutes interval)
Max. Stored Alarms: 100
Battery: 4 AAA Alkaline battery

DISPLAY MODES
SINGLE CHANNEL MODE
LCD displays information on channel 1 or 2. Scroll
through: current time -> current minimum -> current
maximum -> alarm setting minimum -> alarm setting
maximum -> current time.
Scrolling interval: 3 seconds.
Press CHANNEL SELECT button to select the desired
channel, or dual channels.
To pause scrolling, press PLAY/PAUSE. To resume
scrolling, press PLAY/PAUSE again. To fast forward,
press PLAY/PAUSE to move to next item.
Once desired information is displayed, press Play/
Pause button again to pause scrolling, otherwise
second line resumes scrolling.

DUAL CHANNEL MODE
To view both Channel 1 and 2. Press CHANNEL
SELECT button to select dual channels.
CH12 symbol will appear on display.

SELECTING CHANNEL (PROBE)
- While the device is not in SETUP Mode, press
Channel/Select button to select channel.
- If Channel 1 (Probe 1) is selected, CH1 symbol will
appear on display.
- If Channel 2 (Probe 2) is selected, CH2 symbol will
appear on display.
- If in dual channel view mode, the first line displays
Channel 1, and second line Channel 2. CH12 symbol
will appear on display.

PROBES
6551/6502 Bullet Probe: A detachable probe sensor
and 10 feet of cable are supplied with the unit.
6500/6501 Bottle Probe: Probe is sealed in a miniature
bottle (1 x 2½ inches) filled with a patented nontoxic
glycol. Solution is GRAS (generally recognized as safe)
by the FDA (Food and Drug Administration). It eliminates
concerns about incidental contact with food or drinking
water. The solution filled bottle simulates the temperature
of other stored liquids.

6593 Stainless-steel Probe: A detachable probe sensor
and 10 feet of cable are supplied with the unit.

Velcro® and magnetic strip are supplied to mount the
bottle to the inside of a refrigerator/freezer and to mount
the display unit to the outside. Micro-cable permits refrig-
erator doors to close on it.

NOTE: Plug probe sensor into the USB jacks on top of
unit. Updated temperatures will be displayed.
With probe sensor attached the unit displays current
probe temperature and probe minimum/maximum
temperatures. With the probe sensor removed the unit
simultaneously displays minimum/maximum temperatures
since the memory has been cleared.

CLEAR CURRENT MINIMUM/MAXIMUM MEMORY
1. Press CHANNEL SELECT to select the temperature
probe channel to be cleared.
2. CH1 will clear Channel 1 (Probe 1); CH2 will clear
Channel 2 (Probe 2) and in dual channel mode CH12
will clear Channels 1 and 2 (Probe 1 and 2).
3. Press the CLEAR button to clear the current
minimum and maximum temperature readings.

DEVICE SETUP
SCENARIO 1: WiFi is disabled. All settings are
configurable.
1. Press and hold the SET button for 3s to enter setup
menu.
2. The first flashing number is the year date setting.
Press the UP or DOWN arrow to set to the current
year. Press the PLAY/PAUSE button to save and
proceed to the next setting.
3. Continue to set the remaining parameters (Month-
Day-Hour-Minute-Time Format (12H/24H)-
Channel 1 Minimum Alarm-Channel 1 Maximum
Alarm-Channel 2 Minimum Alarm-Channel 2 Maximum
Alarm. Press PLAY/PAUSE to proceed to the next
parameter. Pressing PLAY/PAUSE after the
last parameter is set will exit setup mode.

SCENARIO 2: WiFi is enabled. Alarm settings are not
configurable on the device and can only be set through
the TraceableLIVE cloud service interface.
1. Press and hold the SET button for 3 seconds to enter
setup menu.
2. The first flashing number is the year date setting.
Press the UP or DOWN arrow to set to the current
year. Press the PLAY/PAUSE button to save and
proceed to the next setting.
3. Continue to set the remaining parameters (Month-
Day-Hour-Minute-Time Format (12H/24H)-
Channel 1 Minimum Alarm-Channel 1 Maximum
Alarm-Channel 2 Minimum Alarm-Channel 2 Maximum
Alarm. Press PLAY/PAUSE to proceed to the next
parameter. Pressing PLAY/PAUSE after the


3. Continue to set the remaining parameters (Month-
PLAY/PAUSE to proceed to the next parameter.
Pressing PLAY/PAUSE after the last parameter is set
will exit setup mode.

NOTE: Setting the time while WiFi is enabled is only
intended for initial device setup. Once connected
to the TraceableLIVE service, the device time
will be synchronized daily for selected time zone
in TraceableLIVE.

ALARM
1. If an alarm triggers, the LCD will automatically display
the alarming channel, and the temperature reading,
ALM, and MIN or MAX symbols flash. If temperature
is below low alarm setting, MIN symbol flashes; if
temperature is above high alarm setting, MAX symbol
flashes. Audible alarm will continue beeping for 30
seconds and will beep once every 15 seconds until
alarm is acknowledged by pressing the CLEAR button.
2. If alarms trigger on both channels, the LCD will display
Channel 1.
3. Use CHANNEL SELECT to select which channel to
display. If the displayed channel is not alarming, the
LCD will not flash, but the buzzer will remain active.
4. If an alarm is triggered, the second line of the LCD will
no longer scroll, and if the device is in single channel
mode, the alarming set point will display on the
second line.
5. To clear an alarm, press the CLEAR button. The LCD
will stop flashing, buzzer will stop beeping, and LCD
second line will resume scrolling.
6. Once an alarm is triggered, the device will post the
alert to the TraceableLIVE service immediately.
If connectivity is currently lost, the device will store the
alarm until it reconnects. Devices can store up to 100
alarm events in internal memory.

DISPLAYING °F OR °C
- To display the temperature readings in Fahrenheit ("F")
or Celsius ("C") on device, press the C/F button.
- Note: Changing from "C" to "F" in the TraceableLIVE™
Cloud, will not change readings on device (see
TraceableLIVE Cloud instructions).
- Note: Changing from "C" to "F" on device, will not
change the readings in the TraceableLIVE™ cloud.

CONFIGURE WiFi NETWORK: AP PROVISIONING
- If WiFi is enabled, press WiFi button to enable WiFi
function. If it is first time enabled, WiFi symbol flashes.

- Press and hold WiFi button for 3 secs until device
displays “AP”. To abort, press and hold WiFi button.

- Press WiFi button again, the device will display “AP
UAIT” (AP WAIT).

- After 5 to 10 seconds, “AP rEAdy” (AP ready) will
appear on display. To abort, press and hold CLEAR
button until the device restarts.

NOTE: WiFi configuration will be cleared if aborted at
this stage.
- Or if the intended Network ID is not shown in the list,
scroll to the last item of the list "Other, please specify.”
and select. A new input box is shown:

- Type Network ID in the box, and then select security
type and type password;" to WP2.

- Click Add button.
- If network is configured successfully, the device
reboots, and is ready to use.
- If network configuration fails, the device displays “Err”,
and then press CLEAR button, the device reboots.
Make sure Network ID, password, and security type
are selected right, and try to configure the network
again.

NOTE: The device date/time is automatically
synchronized to the mobile phone or laptop once the
DATA MEMORY

1. Device is capable of storing 7 days of data if 15 minute logging interval is set.
2. If data transmission fails, data will be stored in data memory. Stored data will be transmitted automatically on next successful transmission.
3. If WiFi network has been configured, and WiFi is disabled, data will be stored in data memory at user-defined logging interval.
4. If WiFi network has not been configured, data will not be stored in data memory.
5. Stored data in data memory cannot be cleared by user. It can only be cleared by a successful data transmission.

DISPLAY MESSAGES
If no buttons are pressed and - - - - - appears on the display, this indicates that the temperature being measured is outside of the temperature range of the unit, or that the probe is disconnected or damaged.

BENCH STAND
The unit is supplied with a bench stand located on the back. To use the bench stand, locate the small opening at the bottom back of the unit. Place your finger nail into the opening and flip the stand out. To close the stand, simply snap it shut.

LOW BATTERY POWER INDICATOR
Unit is supplied with 4 AAA alkaline batteries. If the battery power drops to 10% or lower a low battery symbol \(\mathcal{Z}\) will appear on device display, and an alert will be sent via TraceableLIVE.

ALL OPERATIONAL DIFFICULTIES
If this thermometer does not function properly for any reason, please replace the battery with a new high-quality battery (see “Battery Replacement” section). Low battery power can occasionally cause any number of “apparent” operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties. If the voltage of the battery becomes low \(^{\circ}\)C and \(^{\circ}\)F symbols will flash.

BATTERY REPLACEMENT
Erratic readings, a faint display, or no display are all indications that the battery must be replaced. Slide the battery cover toward the end of the unit. Remove the exhausted battery and replace with AAA alkaline battery. Replace the battery cover.

REGULATORY INFORMATION
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.

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, including interference that may cause undesired operation.

Hereby, Control Company, declares that this digital thermometer is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.