



NODE - WIFI TEMPERATURE SENSOR AMBIENT + 1 OR 2 PROBES



Operating Instructions

GETTING STARTED

Remove the battery tab from the battery compartment of NODE. Display will read NEED SETUP. Download the ETI App from the Apple App Store or Google Play Store. Open the app and follow in-app instructions to set up your NODE.

INSTRUMENT OPERATION - All channel settings are changed through the ETI App. In Channel Settings, you can name channels, set and adjust high/low alarms, and reset Max/Min temperatures. In Settings, you can rename the device, change display units, transmission interval, temp check interval, and update WiFi settings.

SEND BUTTON - Press once to change the channel that is being displayed. Press and hold for 3 seconds until the display reads SEND DATA. This will force a transmission of the data.

OPEN CIRCUIT/FAULTY PROBE - If a probe is unplugged, NO PROBE will be displayed. If a probe is reading temperatures below its temperature range, LLL will be displayed. If a probe is reading temperatures above its temperature range, HHH will be displayed.

Change channel names through the ETI App. Up to 5 characters will be displayed.

Indicated battery level.

Shows connection type. Displays when connected to WiFi.

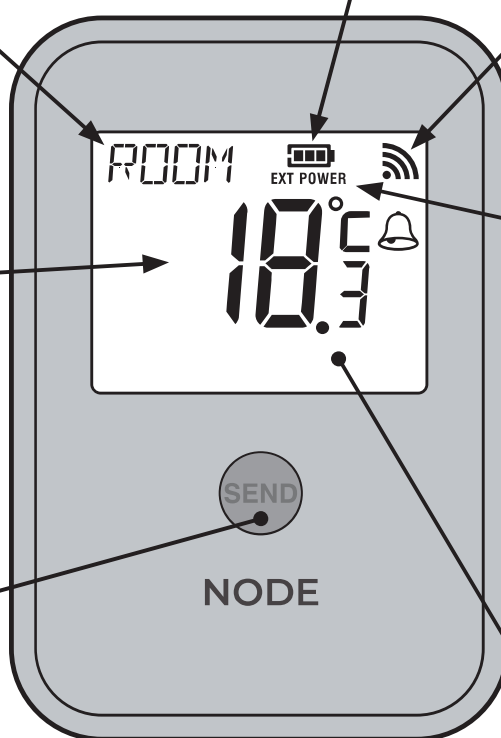
Instrument Readings - Display switches every 5 minutes by default. Can be adjusted.

Indicates NODE is being permanently powered.

USB-C® port. Can be plugged in for permanent power.

SEND Button - Press once to switch between channels. Press and hold until the display reads SEND DATA to force a data transmission.

Action/Failure messages. See description in Operating Instructions.



CHANNEL DESCRIPTION (MODEL DEPENDANT)

Channel one is internal temperature both models.

Channel two is the top probe port both models.

Channel three is the bottom probe port (825-421 model).

BATTERY INSTALLATION AND INFORMATION - Replace batteries when LOW BATT is displayed.

Unscrew and remove the battery cover. Replace batteries, noting the correct polarity. Replace battery cover, then tighten battery screw securely. Dispose of the old batteries appropriately. Replacing batteries will not require WiFi settings to be reconfigured. Batteries should last approximately 3000 hours with default settings. Increasing display settings, temp check interval, and transmission interval rates may decrease battery life.

NODE is supplied with 3x non-rechargeable AA batteries and can be used without being connected to an external power source.

Alternatively, the NODE can be permanently powered using a standard USB-A to USB-C cable connected to a 5 V power adapter.

Important: If using the permanent power option, all batteries must be removed from the NODE. Do not operate the NODE with batteries installed while it is connected to external power.

When operating from external power, the display will only indicate this mode when there are no batteries installed in the unit.

TEMP CHECK INTERVAL - Default set to 5 minutes, can be adjusted through the ETI App. Instrument will check the temperature at the specified interval, update the display with the current readings, and check the alarm status. Decreasing the time between checks may decrease battery life.

TRANSMISSION INTERVAL RATE - Default set to 30 minutes, can be adjusted through the ETI App. This is the interval rate that the instrument will send all stored data to ETI Cloud. If an alarm is triggered on the Temp Check Interval, a transmission is triggered immediately. Decreasing the time between intervals may decrease battery life.

ACTION MESSAGES:

NEED SETUP - Instrument has not been set up yet.

SETUP MODE - Paired and ready to add to an account.

SEND DATA - Pressing SEND button to send data currently in NODE.

UPDATING - Firmware updating.

DISABLED - All channels are disabled.

LOW BATT - Batteries are low and need to be replaced.

FAILURE MESSAGES:

PAIR FAIL - Pairing failed. Please try again.

WIFI FAIL - Unable to connect to WiFi. Please try again

CLOUDFAIL - Unable to connect to ETI services. Please try again.

UPDATEFAIL - Firmware update failed. Please try again.

CAUTIONS FOR PRO-SERIES WATERPROOF AIR PROBE WITH SUCTION CUP:

- Do not use in oven/smoker or for cooking.
- The cable can be closed in a refrigerator or freezer door.
- Do not pull on the cable. Use the moulded mini-handle.
- The cable will withstand temperatures up to 70°C.
- Probe can be immersed in water. IP67 rated.
- Clean probe by wiping with damp cloth and kitchen cleaner. Can be immersed but do not clean in a dishwasher.
- Avoid repeated kinking or twisting of the probe cable which can break wires.
- With care, the probe should last a long time. Eventually, you may need to replace it. If the probe becomes damaged, the unit base may flash "NO PROBE" on the display.

CABLE SHOULD AVOID:



High temps



Oven



BBQ



Kinks

Damage from the above voids probe warranty.

COMPATIBLE PRO-SERIES PROBES & ACCESSORIES

MODEL	PRODUCT CODE
Pro-Series Waterproof Air Probe with Suction Cup	810-073
Pro-Series Simulant Probe - for Fridges & Freezers	810-074
Pro-Series Cable Extension	810-079
Replacement bracket	830-554
5V Adapter with charge lead	812-340

GUARANTEE - This instrument carries a one-year guarantee against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ETI, be either repaired or replaced without charge. The product guarantee does not cover damage caused by fair wear and tear, abnormal storage conditions, incorrect use, accidental misuse, abuse, neglect, misapplication or modification. Full details of liability are available within ETI's Terms & Conditions of Sale at etiltd.com. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

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.

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Industry Canada Licence-exempt RSSs. 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 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.

FCC ID: 2AC7Z-ESPS3WROOM2 / **IC:** 21098-ESPWROOM32E

Special Notice

Changes or modifications 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 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.

Google Play and the Google Play logo are trademarks of Google LLC. Android is a trademark of Google LLC. Apple, the Apple logo, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries and regions. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.



Supplied by
Electronic Temperature Instruments Ltd
Worthing · West Sussex · BN14 8HQ
01903 202151 · sales@etiltd.com · etiltd.com



825-411/421 WEB/05.10.26