

Getting started with your Combustion Booster

1

Charge your Booster 60 min.

- Use the included cable and any standard USB power supply (a phone charger works great)
- The light will be solid amber as the Booster charges
- When the Booster is charged, the light will turn green

2

Link your Booster to your Predictive Thermometer

- Unplug the Booster
- The light will flash white 3 times in a row to show it's searching (this sequence repeats)
- Hold a (fully charged) Predictive Thermometer near the Booster
- A single white blink indicates the link has been established (it will blink every 5 seconds)

Congrats, your Booster is now repeating the Thermometer's Bluetooth signal!

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The Booster light—and what it's trying to tell you:

Light	Power	Status
Solid Amber	USB	Charging Booster (and/or Thermometer)
Amber	Battery	Charging Thermometer
Solid Green	USB	Everything is charged
Green	Battery	Thermometer is charged
Blinking White x3	Battery	Searching for linked tools
Single White Blink	Battery	Connected + repeating Thermometer signal
Quick Blue Blink	Any	Booster is connected to WiFi
Quick Red Blink	Battery	Booster battery is low

Modes

Portable Charger Mode

With the Booster unplugged, the onboard battery can recharge your Predictive Thermometer. Press the button (light) to check thermometer charge level.

NOTE: Booster will not act as a repeater while it's recharging a thermometer.

Wall Charger Mode

With the Booster plugged in, it will recharge itself and the Predictive Thermometer. If either is charging, the light will be amber. When both are charged, the light will turn green.

Power management

When the Booster is not plugged in, it will search for linked MeatNet-enabled Combustion tools (Predictive Thermometer, Display) to connect with. If no connection is found, it will power itself down in 3 minutes.

To turn it back on, press the button (light). If connected (green blink), the Booster will remain on.

To turn it off, hold the button (light) for 1 second.

Firmware update

Follow the instructions in the Combustion App to update the Booster's firmware (its internal operating system).

combustion.inc/start



Setting up WiFi

Use the QR code or link for detailed instructions.

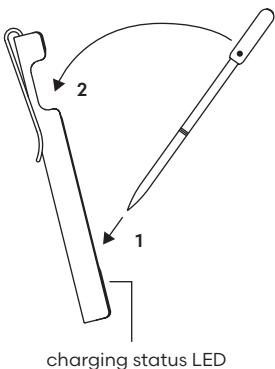
Briefly:

1. Get the app
2. Update all the firmware
3. Charge everybody
4. In the app, 'WiFi Devices'
5. Select your tool, 'Join network'
6. Choose network + enter network password



Combustion Inc.

Thermometer Storage



CAUTION

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSSs and Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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. (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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: (a) Reorient or relocate the receiving antenna, (b) Increase the separation between the equipment and receiver, (c) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected, (d) Consult the dealer or an experienced radio/TV technician for help.

FCC & IC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC and Canada radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device contains licence-exempt transmitter/receiver that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

DECLARATION D'IC SUR L'EXPOSITION AUX RADIATIONS

Cet équipement est conforme aux limites d'exposition aux radiations définies par le Canada pour des environnements non contrôlés. Cet émetteur ne doit pas être installé au même endroit ni utilisé avec une autre antenne ou un autre émetteur.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body

Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE. Ces exigences un SAR limite de 1,6 W/kg en moyenne pour un gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur le corps.

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BATTERY WARNING

Do not dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery that can result in an explosion.

Do not leave a battery in an extremely high temperature environment that can result in an explosion or leakage of flammable liquid or gas.

Do not expose the battery to extremely low air pressure that may result in an explosion or leakage of flammable liquid or gas.

CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

Predictive Thermometer

CI-PTK-101-Y

FCC ID: 2A88P-1004

IC ID: 29707-1004

WiFi Booster

CI-CR-101-Y

FCC ID: 2A88P-1005

IC ID: 29707-1005

Operating Frequency Ranges:

BLE: 2402-2480MHz

WiFi (802.11b, US only): 2401-2473MHz

Booster Functions

Button press	Repeater on
Button hold 1 sec	Repeater off
Button hold 10 sec	Factory reset

Max Temperatures



Charging

Charging type	USB-C
Booster charging time	60 min
Thermometer charging time	25 min
Booster battery life/WiFi	54 hours
Thermometer battery life	90+ hours
Thermometer battery life (in Booster)	Up to 9.5 months



Complies with
IMDA Standards
DB123456