

Getting started with your Giant Grill Gauge



www.combustion.inc/start

1 Power on the Gauge

- Using a phillips screwdriver, remove the battery door from the back.
- Insert two CR2450 batteries (+ side facing up).
- Re-attach the battery door, holding flush while threading screw.
- Press the yellow power button on back.

2 Link to Predictive Thermometer

- Turn on the Giant Grill Gauge.
- Remove thermometer from its charger.
- Hold thermometer near the GGG.
- Temperature appears on lower display when linked.

Repeat for up to 4 thermometers.

3 Assemble Heat Shield/Deflector

- Insert sensor tube into center hole of Heat Shield/Deflector.
- Press down firmly until seated in silicone housing.
- You should feel moderate resistance, then a snap.

4 Mount to your grill

- Insert sensor tube through hole in grill lid.
- Compress spring clip and slide onto tube (flat side up).
- Ensure tube passes through both holes of clip.
- Hold assembly from outside, pressing on gold sensor tube.
- Press clip until flat face is flush with lid.
- Slide collar up against clip (do not re-compress).
- Tighten wing nut to finger-tight only.

Tip: Do not over-tighten—do not use tools!

5 Attach the Giant Grill Gauge

- Power on the device.
- Place GGG onto mounted shield/deflector, centered on silicone disc.
- Ensure contact with gold pins on sensor tube.
- Ambient temperature displays when connected.

Accuracy

Temperature Range	GGG Accuracy
Up to 100°C / 212°F	± 0.5°C
Up to 150°C / 300°F	± 1.0°C
Up to 260°C / 500°F	± 1.5°C
Up to 371°C / 700°F	± 2.2°C
Up to 538°C / 1000°F	± 3.0°C

Modes

Standalone Mode

Displays ambient grill temperature from the Heat Shield/Deflector sensor.

With Predictive Thermometers

Link up to 4 thermometers to monitor food temps alongside grill temp.

Button Controls

Function	Button(s)	Action
Turn ON	Power (back)	Press
Turn OFF	Power (back)	Hold 1s
Increase Temp	+	Press
Decrease Temp	-	Press
Clear Cook	+ and -	Together
Clear Alarm	Any button	Press
Cycle Views	< / >	Press
Next Thermometer	>	Hold 1s
Prev Thermometer	<	Hold 1s
Toggle °F / °C	< and +	Hold together
Toggle Tenths	> and -	Hold together
Backlight On/Off	☼	Press
Backlight color	☼ + </>	Hold, press
Brightness +/-	☼ + / -	Hold, press

Setting up WiFi

Use the QR code or link for detailed instructions. Briefly:

- Get the app
- Update all firmware
- In app, tap 'WiFi Devices'
- Select your tool, 'Join network'
- Choose network + enter password

Firmware Update

Follow instructions in the Combustion App to update the Grill Gauge's firmware.

Cleaning and Care

- Wipe the exterior with a soft, dry cloth.
- For stubborn residue, use a slightly damp cloth with mild soap.
- Do not submerge the device or use abrasive cleaners.
- Do not spray liquids directly onto the device.
- Allow to dry completely before use.

Item	CB SKU	Combination DES	Dimensions	Technical specifications	Address
1	CI-GG-001-Y	Giant Grill Gauge with Heat Deflector	D109mm x H130.7mm	1. Input voltage: 3V, 300mA max (900mW max) 2. Dimensions: D109mm x H130.7mm 3. Battery spec: CR2450 x2, 3V, 620mAh (1240mAh total)	6224 50th Ave NE, Seattle, WA98115
2	CI-GGK-001-Y	Giant Grill Gauge with Heat Shield	D109mm x H138.7mm	1. Input voltage: 3V, 300mA max (900mW max) 2. Dimensions: D109mm x H138.7mm 3. Battery spec: CR2450 x2, 3V, 620mAh (1240mAh total)	
3	CI-GM-001-B	Heat Deflector	D109mm x H27mm	Dimensions: D109mm x H27mm	
4	CI-GMK-001-Y	Heat Shield	D109mm x H35mm	Dimensions: D109mm x H35mm	
5	CI-BGE-GG-001-G	Grill Gauge Green with Heat Deflector	D109mm x H130.7mm	1. Input voltage: 3V, 300mA max (900mW max) 2. Dimensions: D109mm x H130.7mm 3. Battery spec: CR2450 x2, 3V, 620mAh (1240mAh total)	

! The display—and what it's telling you

Icon	Meaning
	Low battery: time to change batteries
	Thermometer connected
	Connected to WiFi
	Connected to Bluetooth
	SafeCook™ enabled
	SafeCook™ complete
	GGG overheating (+ red backlight, beep)
	Probe overheating (+ red backlight, beep)

Specifications

Spec	Value
Battery type	2× CR2450
Connectivity	Bluetooth, WiFi
Max thermometers	4
Mounting diameter	4.3" (109mm)
Sensor tube diameter	3.8mm
Hole size required	5/32" to 1/4" (4–6mm)
Heat Shield max temp	750°F (400°C)
Heat Deflector max temp	600°F (315°C)
Storage temp (Gauge)	-4°F (-20°C) min
Backlight	8 colors, 15s timeout

Environmental Specifications

Parameter	Value
Usage scenarios	Indoor / Outdoor
Operating temp range	14°F to 185°F (-10°C to 85°C)
Operating humidity	5% to 95% RH, non-condensing
Max operating altitude	Up to 6,500 ft (2,000 m)
Pollution degree	2

Humid environment use: This product may be used in humid environments. Wipe dry after exposure to rain or high humidity. Do not submerge.

Quick Tips

- **Views:** Use < and > to scroll through Core, Surface, Ambient, Cooking To, Ready In.
- **Storage:** In cold climates, store indoors (min -4°F / -20°C).

CAUTION

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

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 RSS(s) 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.

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Operating Frequency Ranges: BLE: 2402-2480MHz | WiFi [802.11b, US only]: 2401-2473MHz

BATTERY WARNING

• Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate. • Even used batteries may cause severe injury or death. • Call a local poison control center for treatment information. • Compatible battery type: CR2450 • Nominal battery voltage: 3V • Non-rechargeable batteries are not to be recharged. • Do not force discharge, recharge, disassemble, heat above 60°C, or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. • Ensure the batteries are installed correctly according to polarity (+ and -). • Do not mix old and new batteries, different brands or types of batteries. • Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

! WARNING

- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN.**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

! WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.



Combustion Inc.

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