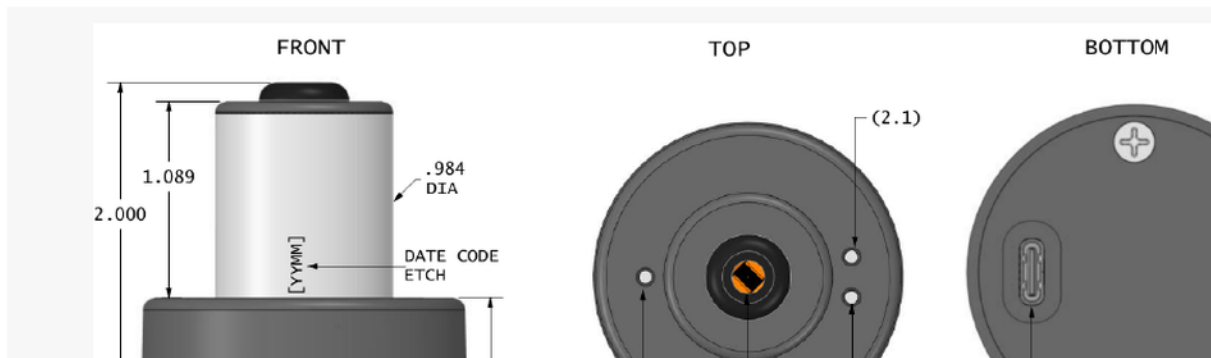




BLUETOOTH WIRELESS PROBE

Charging & Care Manual



For BBQ Guru wireless probe charging dock and probe care

IMPORTANT

The charging dock is an electronic product with an internal lithium-ion battery. It is not waterproof and is not food-contact rated.

Read this manual before charging, cleaning, or storing the product.

1. Quick Start

Use these steps every time you charge the wireless probe.

- 1. Clean and dry the probe thoroughly before placing it in the charging port.
- 2. Insert the probe fully into the charging port until you feel a click. Do not apply additional force beyond this point.
- 3. Confirm that the yellow probe-charging indicator turns on.
- 4. When charging is complete, the yellow indicator fades and then blinks approximately every 5 seconds.
- 5. Remove the probe and clean it thoroughly again before it contacts food.

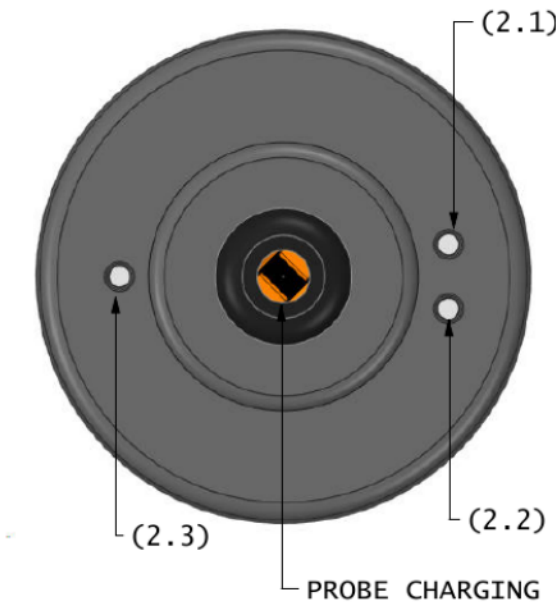
DO NOT FORCE THE PROBE

If the probe has clicked into place, stop pushing. Excess force may damage the charging port or probe contacts.

2. Indicator Lights

Indicator	When it is on	What it means
(2.1) Yellow	Probe inserted	Probe is charging. It fades as charge increases, then blinks about every 5 seconds when full.
(2.2) Red	Charger battery low	The charging dock battery is low. The light is off when normal capacity remains or when the battery is depleted.
(2.3) Yellow / Orange	USB-C connected	Charging dock is charging from USB power. The light turns off when the dock is fully charged.

TOP



Top view: probe charging port and status indicators

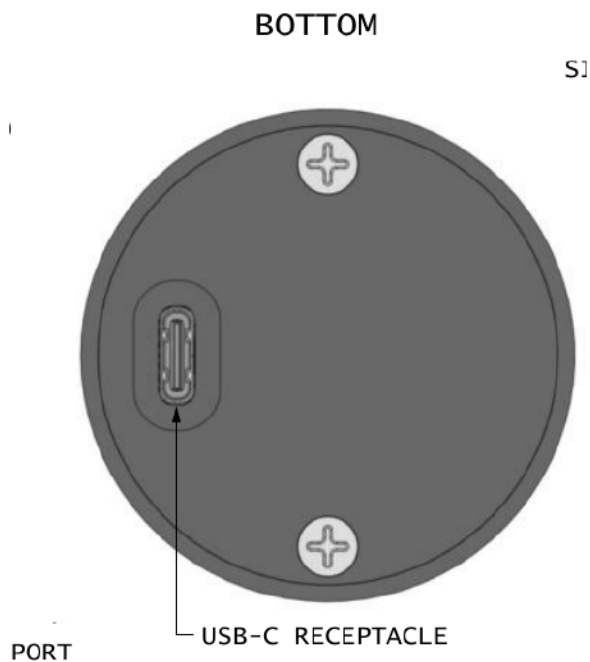
3. Charging the Dock

- 1. Connect a USB-C cable to the charging dock.
- 2. Connect the cable to a typical 5 VDC USB charger.
- 3. The yellow/orange USB charging indicator stays on while the dock is charging and turns off when charging is complete.

500 mAh	~4 hours	~10 cycles
Internal rechargeable lithium-ion battery	Typical dock charge time from empty	Typical 30-minute probe charge cycles from a full dock battery

4. Use & Care

Before charging	Clean and dry the probe thoroughly before inserting it into the charging dock.
After charging	Clean the probe thoroughly before it contacts food.
Keep dry	Do not expose the charging dock to liquids and do not submerge it.
Clean the dock	Clean external surfaces only with wet or dry wipes.
Store safely	Keep the charging dock in a cool, dry place away from food and food-preparation areas.
Avoid heat	Keep within the rated operating temperature and away from extreme heat and cooking appliance heat sources, including grill grates.
Do not modify	Do not open the plastic case or attempt any modifications.



Bottom view: USB-C charging receptacle

5. Safety Information

WARNING - LITHIUM-ION BATTERY

The charging dock contains an internal rechargeable lithium-ion battery. Proper care is required to prevent product damage, loss of function, voided warranty, or injury.

- The charging dock is not waterproof and is not food-contact rated.
- Do not expose the charging dock to liquids or submerge it.
- Do not place the charging dock on or near grill grates, burners, or other cooking heat sources.
- Do not open the case or attempt to modify the product.
- Use and store the charging dock only within its rated operating temperature range.

6. Technical Specifications

Product documentation	TT-135 charging system
Charger battery	500 mAh internal rechargeable lithium-ion battery
Charger input	USB-C; typical 5 VDC USB charger
Typical charger charge time	4 hours from empty
Typical probe charging capacity	A fully charged dock can recharge completely drained probes approximately 10 times, with each charge taking about 30 minutes
Operating temperature	-25 C to +65 C
Probe charging contacts	Gold-plated beryllium copper contacts
Charger sleeve	304 stainless steel
Charging-port gasket	Replaceable silicone-rubber gasket

7. Product Construction

The charging dock uses a plastic enclosure around the charging electronics and contacts, a stainless-steel sleeve, a replaceable silicone-rubber gasket, and zinc-plated steel screw fasteners. The source engineering drawing specifies acetal/Delrin or ABS/polycarbonate for the plastic and a partially conformal-coated FR4 PCB assembly.

CARE REMINDER

Always clean and dry the probe before charging, and clean the probe again before food contact. Keep the charging dock dry and away from cooking heat.



BLUETOOTH WIRELESS PROBE MANUAL

Wireless Meat Temperature Probe



IMPORTANT SAFETY & USE INFORMATION

Save these instructions. Use the probe only within its specified temperature limits.

TEMPERATURE LIMITS

Probe tip through the PEEK handle: **-40°F to +220°F**.
PEEK handle: **+475°F maximum**.

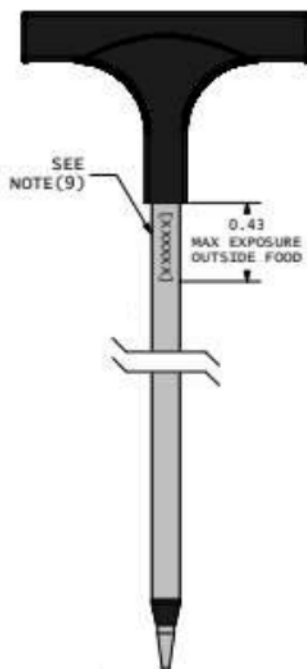
CHARGING

Recharge the probe using the OEM charger. Power may be a lithium-ion battery or supercapacitor depending on model.

Do not exceed the rated temperature of the handle.

PRODUCT OVERVIEW

The BBQ Guru wireless meat probe transmits temperature readings during typical grill and smoker use. Two digital temperature sensors send separate readings over a 2.4 GHz wireless interface.



PROBE PLACEMENT & TEMPERATURE SENSING

Two digital sensors are located approximately **1/8 inch from the tip** and **2 inches from the tip**. Each has a specified tolerance of **±1°C**.

FOR COOKING

Insert the pointed stainless-steel sheath into the food while keeping the handle within its rated temperature. The probe is intended for temperature monitoring in grills and smokers.

Feature	Specification
Sheath	SS316 stainless steel, polished clean
Diameter	0.197 in (5 mm)
Tip	Pointed, 16°
Handle	Overmolded PEEK, T-shape
Wireless band	2.4 GHz ISM band
Transmit power	+4 dBm typical
Sensor tolerance	±1°C

POWER & CHARGING

Always recharge using the OEM charger.

Runtime	Typical runtime
Maximum	48 hours
Minimum	28 hours

IDENTIFICATION MARKINGS

The front side may include an optional model code, YYMM date code, and FCC ID. The rear side carries a unique six-character alphanumeric ID.

FCC ID: 2BG32-TTMP1

FCC COMPLIANCE

Interference Statement

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 provide reasonable protection against harmful interference in a residential installation. If interference occurs, reorient or relocate the receiving antenna, increase separation between equipment and receiver, connect the equipment to a different circuit, or consult a dealer or experienced radio/TV technician.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID 2BG32-TTMP1

This device complies with Part 15 of the FCC Rules. Operation is subject to 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.

For the latest product information and manuals, visit **BBQGuru.com**.