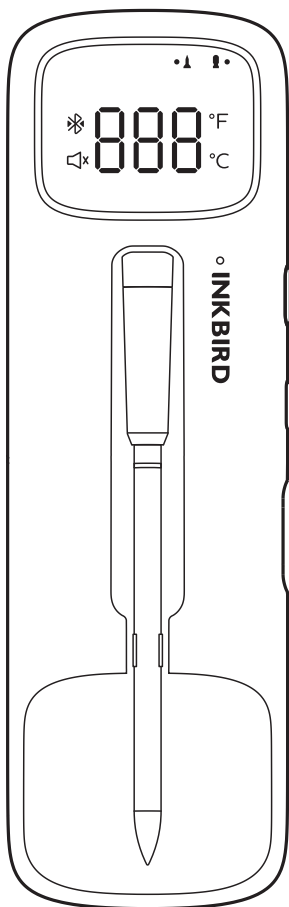


INKBIRD



INDT-33-B

User Manual

Wireless+Wired Dual-Use Bluetooth BBQ Thermometer



Please keep this manual properly for reference. You can also scan the QR code below to visit our official website for product usage videos. For any usage issues, please feel free to contact us at **support@inkbird.com**.

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano, scansionate il codice QR e visitate il nostro sito web per ottenerlo e vedere un video su come utilizzare il prodotto.

Si vous avez besoin d'un mode d'emploi en français, veuillez scanner le code QR pour visiter notre site officiel afin d'obtenir et de visionner la vidéo d'utilisation du produit !

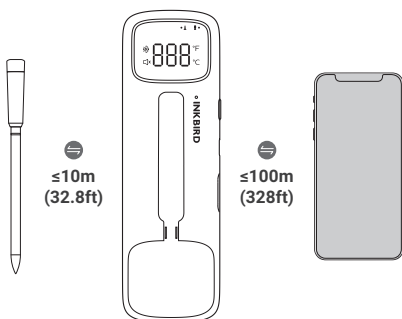
Als je een Nederlandstalige handleiding nodig hebt, scan dan de QR-code om naar onze officiële website te gaan en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español, escanee el código QR para ir a nuestro sitio web oficial y ver el vídeo sobre cómo utilizar el producto.

• Usage Precautions

1.Charging Base Introduction

The charging base not only has functions of storing and charging the probe, it also acts as a repeater (to regenerate and amplify signals for connection). During use, please ensure that the distance between the probe and the charging base does NOT EXCEED 10 METERS / 32.8 FEET. If there are obstacles or metallic objects in between, the distance should be as short as possible. If the distance between the probe and the base is too far, the connection function and stability will be affected.



2.Probe Introduction

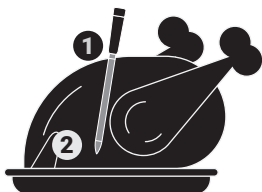
The probe is used to measure the internal temperature of food. A safe cooking line is engraved on the probe body and during cooking the probe should be inserted into the meat until the safe line is exceeded, keeping the probe tip unexposed as this will damage the probe.

1

Insert into the meat and beyond the safe line.

2

Keep probe tip unexposed.





Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

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Overview

The INKBIRD INDT-33-B features an innovative dual-use design, combining wired and wireless functionality. The base can be used with the detachable wireless probe to measure temperatures from a distance. It can also connect to a wired probe to monitor both the food and ambient temperatures simultaneously. Using Bluetooth 5.4 technology, it ensures a stable connection, letting you take control of the cooking process in real time and making your grilling precise and effortless.



Technical Specifications

Brand	INKBIRD
Model	INDT-33-B
Bluetooth Function	BLE 5.4
Bluetooth Connection	328ft/100m (ultimate connection distance in open space)
Wireless Probe Waterproof Rating	IP67 (dishwasher safe)
Wireless Probe's Sensor Number	2 sensors (1 food temperature sensor + 1 ambient temperature sensor)
Wireless Probe's Measurement Accuracy	Food sensor: $\pm 0.5^{\circ}\text{F}/\pm 0.3^{\circ}\text{C}$
	Ambient sensor: $\pm 9.0^{\circ}\text{F}/\pm 5.0^{\circ}\text{C}$
Wireless Probe's Measurement Range	Food temperature : -10-100°C/14-212°F (For safe use, the probe will alert you when the temperature reaches 96°C/205°F) Ambient temperature: 0-300°C/32-572°F
Temperature Refresh Time	1 second
Wireless Probe's Battery Life	25 hours
Wireless Probe's Charging Time	25 minutes
Wired Probe's Measurement Range	Short-time measurement: 0~300°C/32~572°F
	Continuous monitoring: 0~250°C/32~482°F

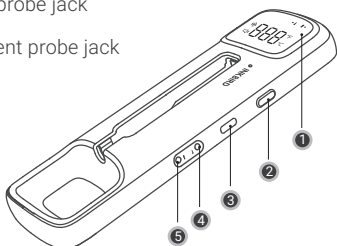
Wired Probe's Measurement Accuracy	$\pm 1.8^{\circ}\text{F}/\pm 1^{\circ}\text{C}$
Base's Battery Capacity	800 mAh Li-ion polymer battery
Base's Power Voltage	3.7 V
Base's Battery Life	93 hours
Screen Type	LED screen
Screen Size	33.5*15 mm
Offline Data Storage	The base can store 60 minutes of temperature data, which is automatically uploaded to the app when a connection is established
Weight	119.0g
Size	167.04*52.56*23.10 mm
Package Contents	Wireless Probe *1 Base *1 Wired Food Probe *1 Wired Ambient Probe *1 Probe Clip *1 USB-C Data Cable *1 User Manual *1



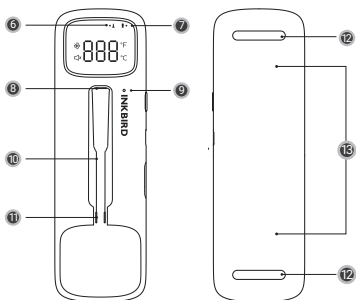
03 Product Appearance/Screen Introduction

• Product Appearance

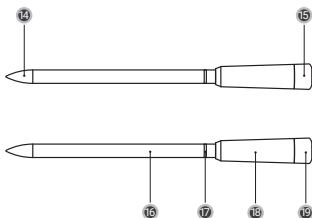
- ① LED screen
- ② Power button
- ③ Type-C charging port
- ④ Wired food probe jack
- ⑤ Wired ambient probe jack



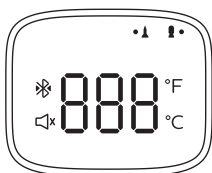
- ⑥ Wired food probe's indicator light
- ⑦ Wired ambient probe's indicator light
- ⑧ Charging contact point
- ⑨ Indicator light
- ⑩ Probe charging position
- ⑪ Charging electrode plate
- ⑫ Anti-slip pad
- ⑬ Built-in magnet



- ⑭ Food temperature sensor (max 212°F/100°C)
- ⑮ Ambient temperature sensor (max 572°F/300°C)
- ⑯ Food-grade stainless steel
- ⑰ Safe cooking line
- ⑱ Zirconia ceramic handle
- ⑲ Charging contact point



- **Screen Display Description**



 flashing	Device Bluetooth is pairing.
 stays on	Device Bluetooth is connected.
 disappears	Device Bluetooth is disconnected.
	Device buzzer is enabled.
	Device buzzer is disabled.
°F/°C	Device temperature unit.
888 flashing	The current food temperature. If the temperature of the food is detected to be higher than or equal to 96°C or lower than -10°C, an alarm is triggered.

NOTE: If no cooking menu is set, the screen will dim after 30 seconds of inactivity and the device will automatically switch off after 10 minutes of inactivity. When the cooking menu is set, the screen dims after 5 seconds by default, but this can be changed in the application.

04 Power Button & Indicator Light Introduction

- **Power Button Operation**

Power ON/OFF	Press and hold it for 3 seconds to turn the device on or off.
Dismiss Alarm	If the device sounds an alarm, press once to stop it.
Awake the Screen	Press once to wake up the screen after dimming.

Indicator Light	Double press it and the indicator light will light up for you to check the base's battery level.
Change Temperature Readings	When both wired probes are (or not) connected simultaneously, press once to switch to the ambient temperature detected by the wireless probe. It will then automatically switch back to the food temperature reading from the wireless probe after 2 seconds.
	When one wired probe is connected, press once to switch to the temperature detected by the current wired probe. It will then automatically switch back to the food temperature from the wireless probe after 2 seconds.
	NOTE: If the screen dims, press once to wake it up, then press again to switch between temperature readings.
Force Reset	Press and hold for 30 seconds to forcibly reset the device.

• Indicator Light Description

Base	
Battery Level Display	Double press the power button to check the battery level of the base. Red: low battery (0~15%) Yellow: insufficient battery (16~35%) Green: sufficient battery (35% and above)
Low Battery Warning	When the battery level reaches 10%, 5%, or 1%, a low battery warning is triggered and the indicator light turns red and flashes for 3 seconds.
Device Charging	The indicator light flashes at the rate of respiration when the battery is being charged, and remains lit in green when the battery is fully charged.

Probe	
Battery Level Display	Once the probe has been removed or during the charging process, the indicator light will flash 2 times at the breathing rate to indicate the battery level of the probe. (In the event that the indicator light fails to flash after the probe has been replaced into the base, please remove and place back the probe, ensuring that the charging contact point is properly aligned with the charging plate.) Red: low battery (0~15%) Yellow: insufficient battery (16~35%) Green: sufficient battery (35% and above)
Device Charging	Put the probe into the base and the indicator light will flash 2 times at the breathing rate.
Wired Probe's Indicator Light	When the food temperature probe is inserted, the relevant indicator light will light up.
Wired Probe's Indicator Light	When the ambient temperature probe is inserted, the relevant indicator light will light up.

05 Battery Details & Maintenance

- Battery Details

- 1.The base of the INDT-33-B is equipped with an internal 800 mAh lithium battery, which can last for more than 93 hours in low power mode and with the probe being charged.
- 2.If the battery level of the base is low, please use the supplied type-C charging cable to charge this product. It can be fully charged in approximately 3 hours.
- 3.The probe can be fully charged in 25 minutes and used continuously for 25 hours. Prolonged exposure to high temperatures will reduce the battery life of the probe. When the probe battery is low, it is disconnected from the base. The base will automatically turn off after 10 minutes of disconnection to conserve power.

4.If the battery of the device is low, the temperature measurement results may be inaccurate, the alarm sound may be disabled, the screen display effect may be degraded, and the device may be disconnected from the smartphone app. Please charge the base and the probe immediately.

• Precautions For Use

1. Do not attempt to disassemble or replace the internal battery yourself.
2. Do not use the probe in environments outside of the specified temperature range. If the temperature in the cooking environment exceeds 300°C (572°F) or falls below -10°C (14°F), it may reduce the probe battery life or damage the battery.
3. During use, ensure that the base is not placed on a hot stove, working oven, or grill surface. Do not put it inside an oven or grill, as this could cause damage to the product or even personal injury.
4. Please note that the probe is waterproof, but the base is not. Do not use or store this product in harsh weather or high-humidity environments. Do not clean the base with running water or place it in a dishwasher or water sink, as this may cause battery damage due to water seepage.
5. Do not use a charging cable that is not 5V 1A to charge this device. This may result in damage to the product or charging failure.
6. If you turn on the device and leave it unused for a long time, it will automatically switch off to save power. However, if you will not use the device for an extended period, please charge the battery to 50% capacity to prevent it from entering a deep discharge state. Do not fully charge the device before storing it, as this may shorten the battery lifespan.



06 Operation Instructions

Warning: Before using the INDT-33-B for the first time, please ensure that it has sufficient power and that you have read the important safety information in this manual.

1. Press and hold the power button for 3 seconds to turn on the device.

2. Prepare a smartphone running a system above iOS12 or Android 7.1, download the INKBIRD app and complete the connection (see section 7 APP INSTALLATION & CONNECTION in this manual).

3. Take out the probe and insert it into the center of the food, ensuring that it is inserted beyond the safe cooking line. Connect the wired probe if needed, depending on your cooking situation. Set the menu and desired level of doneness in the app. When the temperature reaches the target point, both the app and the thermometer will alert you simultaneously that your food is ready to enjoy.



07 APP Installation & Connection

7.1 APP

Search for the INKBIRD App from Google Play or App Store to get it for free, or you can scan the QR code to download it directly.



NOTE:

1. Your iOS devices must be running iOS 12.0 or above to download the app smoothly.

2. Your android devices must be running android 7.1 or above to download the app smoothly.

3. APP Location Permission Requirement: We need to obtain your location information to discover and add nearby devices. INKBIRD promises to keep your location information strictly confidential. And your location information will only be used for the location function of the App and will not be collected, used, or disclosed to any third party. Your privacy is very important to us. We will abide by relevant laws and regulations and take reasonable security measures to protect your information security.

7.2 Registration

Step1: Registering an account is necessary before using the INKBIRD app for the first time.

Step2: Open the app, select your Country/Region, and a verification code will be sent to you.

Step3: Enter the verification code to confirm your identity, and the registration is complete.

7.3 How to Connect

Open the INKBIRD app and click "+" on the top right corner to add a device. Then, follow the app instructions to complete the connection. Please remember to put the device as close as possible to the smartphone during the connection process.



08 Cleaning and Maintenance

1. Please note that the probe is waterproof but the base is not. After use, clean the probe under running water or in a dishwasher. Avoid using corrosive detergents as they can damage the probe.
2. After cleaning the probe, wait for it to dry before placing it back on the charging position on the base to avoid device damage caused by rusty electrode plates or water seepage.
3. Please note that the base is not waterproof. Do not rinse or submerge it with water. If necessary, use a slightly damp cloth to wipe the base and prevent water from seeping and causing damage to the product.
4. For storage, please place the probe inside the charging base and store the entire unit in a shady and cool place away from children. Improper storage can result in property damage or personal injury.



09 Important Notes/Warnings

1. Do not use the probe in a microwave oven or pressure cooker. During use, make sure that the probe is inserted into the center of the food and make it deep enough to exceed the safe cooking line.
2. The base has a Bluetooth signal relay function. When in use, the base should be placed within 10 meters of the probe. If there is metal or other obstructions, it should be placed closer to maintain the connection.

- 3.** Do not expose the probe directly to fire or burning charcoal. If the probe falls out of the food, stop heating immediately and remove the probe after it has cooled down.
- 4.** When using, make sure that the base stays away from fire and heat sources. Do not expose it to direct sunlight, nor place it to the surface of an oven or grill. And, do not put the base inside the oven or grill.
- 5.** During or at the end of cooking, please do not touch the overheated probe with bare hands. If necessary, wear heat-insulated gloves to avoid burns.
- 6.** The product is designed exclusively for use as a food thermometer. It is not recommended for any other purposes.



Troubleshooting Guide

Issues	Possible Solutions
Why Cannot Connect Bluetooth?	1. Make sure that your smartphone or tablet is running iOS12 / Android 7.1 or later. 2. Please ensure that the Bluetooth function is enabled on your smartphone or tablet, that the positioning function is enabled and the application is allowed to obtain location information, and that the device has sufficient power. 3. Make sure that the distance between the probe and the base is not more than 10 meters (32.8 feet). Place your smartphone or tablet as close to the thermometer as possible, avoiding any metal or obstructions. 4. Make sure that the thermometer is disconnected from any other smartphones and that the Bluetooth function is disabled on those smartphones. 5. Turn off any other Bluetooth devices or disable their Bluetooth functions within the connection range. If the issue persists after the above steps, please contact our after-sales team.

Issues	Possible Solutions
Why Cannot Charge The Base?	1. This product does not support fast charging. Please use the supplied charging cable to charge this product. If you need a different charging cable, please choose a 5V 1A Type-C cable. 2. Check the charging port for water ingress or a wet surface. If so, wipe dry with a tissue or air dry with cool wind. 3. The base is not waterproof. Do not rinse under running water to avoid damage to the product.
Why Is The Probe Reading Incorrectly?	1. Use the app to calibrate the temperature to where you think it is right. 2. Check if the current temperature exceeds or has once exceeded the probe measurement range, causing probe damage. 3. Do not immerse the probe in water for long periods. This product is only intended for use in food and is not recommended for any other purpose. 4. Check if the probe is disconnected. If so, wait for the probe to reconnect automatically, or restart the device and wait for the probe to reconnect. 5. If the probe has been damaged and requires replacement, please go to the settings page of the application to delete the probe and pair with a new one.
Why Cannot Charge The Probe?	1. Ensure that the charging contact point at the top of the probe touches the charging plate at the base. If the probe is correctly placed, the indicator light will flash for 2 times at the respiratory rate to indicate successful charging. 2. Check that the probe has not been used previously at a temperature that exceeds its sustainable range. Purchase a replacement if necessary. 3. Check that the base does not enter the battery protection state due to low battery power, which causes failure to charge the probe. 4. Check that the probe or the charging plate at the base is not dirty or covered by oil stains.

11 FCC Requirement

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

12 IC Warning

This device complies with Innovation, Science and Economic Development Canada's License exempt RSS standard(s). 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 of the device.

Cet appareil est conforme aux normes RSS d'Innovation, Sciences et Développement économique Canada en matière d'exemption de licence. Son fonctionnement est soumis aux deux conditions suivantes:

- (1) l'appareil n' 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.

Le présent appareil est conforme. Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

WIRELESS AND WIRED BBQ THERMOMETER Model : INDT-33-B	
Wireless Probe Model NO.:	FCC ID: 2AYZD-INT-14
	IC: 30368-INT14
	HVIN: INT-14
Charging Base Model NO.:	FCC ID: 2AYZD-14-BW
	IC: 30368-14BW
	HVIN: INT-14-BW



13 Customer Service

This item carries a 1-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of INKBIRD, be either repaired or replaced without charge. For any problems in use, please feel free to contact us at **support@inkbird.com**. We will do our best to help you.

Shen zhen Inkbird Technology Co.,Ltd.
support@inkbird.com

Consignor: Shenzhen Inkbird Technology Co., Ltd.

Office Address: Room 1803, Guowei Building, No.68 Guowei Road, Xianhu Community, Liantang, Luohu District, Shenzhen, China

Manufacturer: Shenzhen Inkbird Technology Co., Ltd.

Factory Address: 5th and 6th Floor, Building 138, No. 71, Yiqing Road, Xianhu Community, Liantang Street, Luohu District, Shenzhen, Guangdong, China



V1.0

MADE IN CHINA
DESIGNED BY INKBIRD