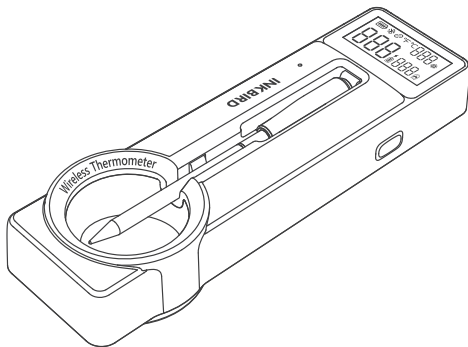INKBIRD

INT-21-B

Wireless BBQ Thermometer User Manual

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 Case Introduction

The charging case 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 case does NOT EXCEED 6 METERS. If there are obstacles or metallic objects in between, the distance should be as short as possible. If the distance between the probe and charging case is too far, the connection function and stability will be affected.

≤6m/19.68ft

≤100m/328ft
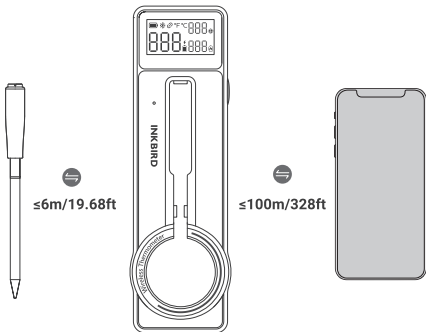
2.Probe Introduction

The probe can measure both food and ambient temperatures simultaneously. 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.

❶

Insert into the meat and beyond the safe line.

❷

Keep probe tip unexposed.
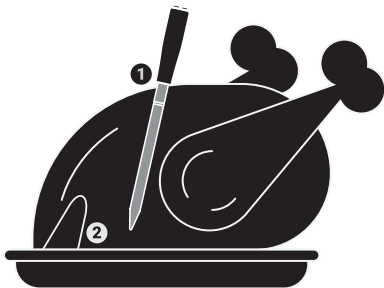
Warm tips

- 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.

CONTENTS

01 Overview

INKBIRD INT-21-B is a smart wireless needle meat thermometer, supporting a stable and efficient wireless connection through Bluetooth 5.4, freeing you from worries about signal problems during cooking. The unit is equipped with a clear LCD screen, which displays food internal temperature and ambient temperature in real time, making cooking process visible at a glance. In addition, through the smartphone app, you can remotely control and monitor the cooking process, making cooking more intelligent and more convenient. Not only for everyday home cooking, but also for professional cooking exhibitions, this wireless needle meat thermometer is an indispensable kitchen aid for creating perfect meals.

02 Technical Specifications

Brand	INKBIRD
Model Number	INT-21-B
Bluetooth Version	BLE 5.4
Bluetooth Connection Distance	328ft/100m (the longest distance in an open area)
Screen Type	High definition LCD
Probe Waterproof Rating	IP67 (dishwasher safe)
Probe Size	φ5mm

Probe Sensor Quantity	2 sensors
Temperature measurement range	Food temperature : -10-100℃/14-212℉ (For safe use, the probe will alert you when the temperature reaches 96℃/205℉.) Ambient temperature: 0-300℃/32-572℉
Probe Measurement Accuracy	±1℃/±1.8℉
Temperature Refresh Time	＜3s
Battery Life	Base:120 hours Probe:20 hours
Powered By	AAA Batteries*2
Weight	132g
Package Contents	Probe*1 Base*1 AAA Batteries*2 User Manual*1

Take out

Wireless Thermometer

CHEFMAN
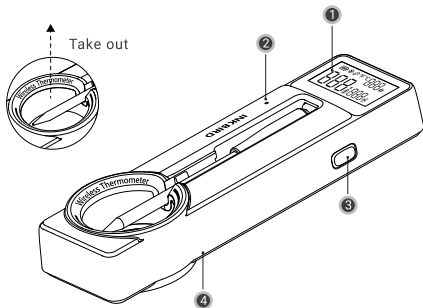
• **Product Appearance**

1 HD LCD

2 Indicator Light

3 Power Button

4 Base

04
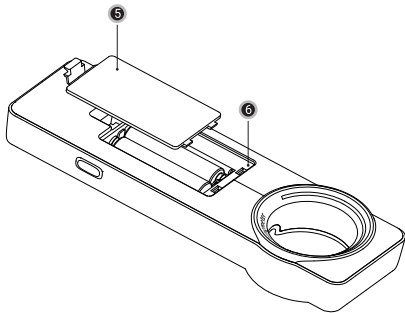
- **Product Appearance**

5 Battery Cover

6 Battery Compartment
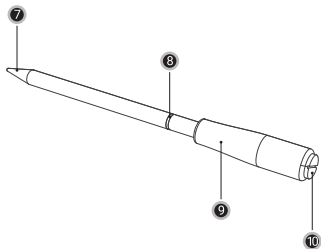
- **Probe**

⑦ Food-grade Stainless Steel

⑧ Safe Cooking Line

⑨ Ceramic Handle

⑩ Charging Contact Point
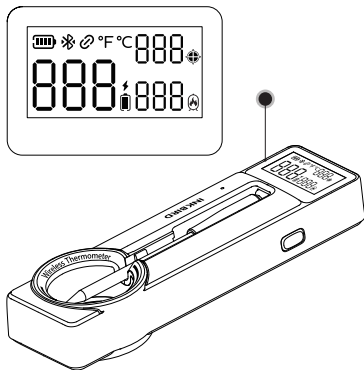
• On-Screen and Indicator Light Information Reference Table

Screen Display Information	
🔋	Base battery level.
🔋 Flashing	The base's battery power is low,please replace the batteries immediately.
⚫ Flashing	Bluetooth is pairing.

❊ Always on	Bluetooth connected.	❊ Disappear	Bluetooth disconnected.
⧉ Flashing	The probe is pairing with the base.	⧉ Always on	The probe is connected to the base.
⧉ Disappear	The probe is disconnected from the base.	°F/°C	The current temperature unit displayed.
888	Food temperature.	🔋	Probe battery level.
⚡🔋	The probe is charging.	🔋 Flashing	The probe's battery power is low, please charge it immediately.

888	Target temperature.	888	Ambient temperature.
— H — Flashing	It detects that the food temperature is higher than 95℃ and the ambient temperature is higher than 300℃ and triggers the alarm.	— L — Flashing	It detects that the food temperature is lower than -10℃ and triggers the alarm.
Indicator Light			
Manual Pairing	During pairing, it flashes alternately red and green; If pairing is successful, it remains green; If pairing fails, it remains red and then dims.	**High temperature alarm**	When the probe triggers the high temperature alarm, the indicator flashes red;When the alarm is dismissed, the indicator light stops flashing.

Power ON/OFF: Press and hold for 3 seconds to power on. Press and hold the button for 3 seconds until you hear a beep, and then release the button to switch the device off.

Alarm: When the device sounds an alarm, press the button once to stop the alarm.

Manual Pairing: Press and hold the button for 10 seconds until the indicator light flashes alternately red and green, and then release the button to enter the pairing mode.

Force Reset: Remove and reinstall the base battery to force reset the device.
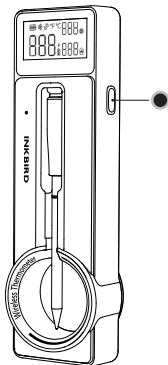
NOTE:

1.When device is sounding any alarm, press the button on the base to cancel it. If a high-temperature alarm is triggered, please immediately stop heating, move the unit to a cool, shaded place and switch it off. Alternatively, if the unit detects that the temperature has dropped to a safe level, it will automatically stop the alarm.

2.If unfortunately your probe has broken and needs to be replaced, place the new probe in the base and press and hold the button on the base for 10 seconds to enter probe pairing mode, the base screen will display the pairing status and result.

• *Battery Installation*

1.Open the battery cover.

2.Pay attention to the polarity of the batteries and insert the two new AAA alkaline batteries in the correct way.

3.Cover the battery compartment and press and hold the button for 3 seconds to turn on the device. The screen will light up. Take out the probe and then you can use it.
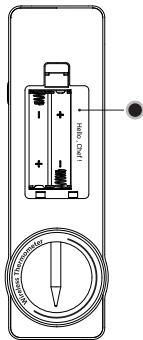
• Battery Details

1.The base of the INKBIRD INT-21-B requires two AAA alkaline batteries (1200mAh) and acts as a probe charger, fully charging the probe in approximately 30 minutes.

2.A fully charged probe can be used continuously for 20 hours. There is no need to worry that the battery will not last for the cooking time you need on any cooking occasion.(Consistently high temperatures can reduce battery life.)

3.If the battery of the device is low, the temperature readings may be inaccurate, the alarm sound may be disabled, the screen display effect may be degraded,and the device may disconnect from the smartphone app. Please charge the probe or replace the base batteries immediately.

4.When you turn on the device and leave it unused for a long time, it will automatically shut down to conserve power.

NOTE: If you use AAA alkaline batteries with less than 1200mAh, the overall runtime of the device may be reduced.

● Precautions For Use

1.Please do not place the product on any hot surface such as hot stoves, ovens, and smokers, as this may cause damage to the product or even personal injury.

2.Please do not clean this product base with running water or place it in a dishwasher or water sink to avoid battery damage.

3.Please do not use or store this product in extreme weather or in high humidity environments to avoid shortening the battery lifespan or damaging the battery.

4.The base requires two AAA alkaline batteries. It is important to avoid mixing new and old batteries, as not well as using rechargeable batteries.

5.If you are not going to use this product for an extended period of time, please remove the batteries and cover the battery compartment.

NOTE: Before using the INT-21-B wireless meat thermometer, make sure that the two AAA alkaline batteries are correctly installed and have sufficient power. Also, ensure that you have read the important safety information in this manual thoroughly.

1.Press and hold the button on the base for 3 seconds to turn on the device. Then, take out a probe, clean it with non-corrosive detergent and wipe it dry.

2.Prepare a smartphone running iOS 12 (or later) or Android 7.1 (or later) to download the INKBIRD app and complete the connection (referring to the section 7 App Installation & Connection.)

3.Open the app, select the cooking food type, and set your taste preference.

4.Insert the probe into the center of the meat, avoiding bones or cartilage. Ensure that the depth of insertion is beyond the safe cooking line engraved on the probe.

5. When the internal temperature of the food reaches the preset point, the base will emit an alarm and the smartphone app will push an alarm notification. To stop the alarm, press the button on the base once or cancel by operating the app. If no operation is exercised, the alarm will stop after 1 minute.

NOTE: After cooking, please do not immediately touch the hot probe. If necessary, please wear heat-insulated gloves or use a tool to prevent burns.

07 *APP Installation & Connection*

• *7.1 INKBIRD APP*

Search 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 later to download the app smoothly.
2.Your android devices must be running android 7.1 or later 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. Ensure that the device is placed as close as possible to the smartphone during the connection process.

08 Cleaning and Maintenance

1.Please store this product in a cool, dry place. Do not store it in direct sunlight, not in an environment with high temperatures, low temperatures below 0℃, or high humidity to prevent product damage, property loss or personal injury.

2.When cleaning the probe, use a non-corrosive detergent, wipe it dry and then replace it on the base. In addition, store the entire product in a cool, dry place away from children to prevent injury from the sharp probe.

3.If you are not going to use this product for an extended period of time, please remove the batteries and cover the battery compartment.
4.This product base is not waterproof. Use a slightly damp cloth to clean it when necessary and prevent water from seeping into it and causing damage.

09 *Important Notes/Warnings*

1.Do not use the probe in a microwave oven or pressure cooker.
2.During use, keep the base away from fire sources, heat sources and direct sunlight.
3.During use, make sure that the probe is inserted into the center of the food and deep enough to pass the safe cooking line, avoiding hard bones.

4.Please do not use the probe in cooking environments above 300℃ (572°F) or below 10℃ (14°F), not expose it directly to flame or burning wood charcoal, as this may damage the probe battery.

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.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.

7.The probe is waterproof, but avoid using corrosive detergents when cleaning it. The base is not waterproof, so it should not be used in high-humidity environments like bathrooms and gardens.

8.The product is designed exclusively for use as a food thermometer. It is not recommended for any other purposes.

Issues	Possible Solutions
Why Cannot Connect Bluetooth?	1.Make sure that your smartphone or tablet is running iOS12 / Android 7.1 or later. 2.Make sure that you have Bluetooth enabled on your smartphone or tablet and that the thermometer's battery has sufficient power. 3.Make sure that the positioning function is enabled on your smartphone or tablet and that the application is authorized to access location information.

Issues	Possible Solutions
Why Cannot Connect Bluetooth?	4.Make sure that the distance between the probe and the base is not more than 6m (19.68ft) ftand that the probe is placed near the base. Place your smartphone or tablet as close to the base as possible, avoiding any metal or obstructions. 5.Make sure that the thermometer is disconnected from any other smartphones and that the Bluetooth function is disabled on those smartphones. 6.Restart the thermometer, open the INKBIRD app, and repeat the connection steps. 7.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.Correctly install two new AAA alkaline batteries according to the battery polarity(Do not use rechargeable batteries.) 2.Check for battery leakage or rusty battery connectors. 3.Check for water seepage or humid surfaces on the batteries or battery compartment. Remove the batteries and uncover the battery compartment. Wipe it dry with tissues or blow it dry with cool air. 4.To prevent product damage, avoid rinsing the base under running water as it is not waterproof.
Why Is The Probe Reading Incorrect?	1.You can calibrate the temperature to what you believe is correct through the application.

Issues	Possible Solutions
Why Is The Probe Reading Incorrect?	2.Check if the current temperature exceeds or has once exceeded the probe measurement range, which caused damage. 3.Do not immerse the probe in water for a long time.
Why Cannot Charge The Probe?	1.Ensure that the charging contact point on the top of the probe is in contact with the charging plate on the base and place the probe correctly (refer to the Product Appearance section of this manual.) 2.Check the probe's charging contact point for water droplets and moisture. Wipe dry and try again. 3.Check if the probe or the charging plate on the base is rusty. 4.Check that the probe has not been used in an environment where the temperature is above its bearable range. Purchase a replacement if necessary.

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

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.

Shenzhen Inkbird Technology Co.,Ltd.

support@inkbird.com

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FC CE IC RoHS V1.0

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DESIGNED BY INKBIRD