深圳英博伟业科技有限公司　INKBIRD

型号	INT-12-bw		设计师	杨雪娇	编码	
零件名称	说明书		设计主管	YUI	单位/比例	MM/1:1
尺寸要求	122*69mm		审核	赵芊羽	未注准公差	±0.1mm
重量要求			日期	20250310	版　本	V1.0

材质： 105g双粉纸（哑粉）　（封面过防刮花哑胶）

尺寸：122*69mm

装订：居中一颗骑马钉

页码：36p

CONFIDENTIAL
未经允许禁止改动

修改内容：20240927 1.修改内容时间2hours 改为 80 min　2.更新版本号2.0

修改内容：20241206 1.修改内容26页最后一排增加单词fast　2.删掉旧版垃圾桶图标 3.更新版本号3.0

修改内容：20250310增加TEMU版本 更新版本号1.0

INKBIRD
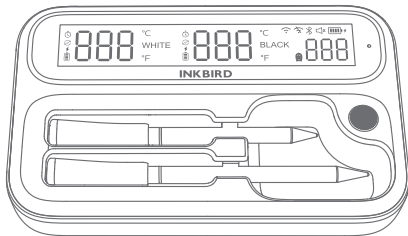
INT-12-BW

TWO-MODE 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.

CATALOGUE

01 Overview

The INKBIRD INT-12-BW is a BBQ thermometer suitable for more cooking scenes and with more intelligence, making it an ideal helpmate in grilling and cooking. With a deep understanding of the cooking process and a relentless pursuit of practicality and convenience, INKBIRD has carefully designed the long-and-short probe combination for you to meet your various cooking needs. The long black probe is ideal for roasting joints. By inserting it deep into the core of the meat, you can easily monitor the internal temperature of the food and the ambient temperature of the oven at the same time, ensuring perfection and succulence. And the short white probe is specially designed for cooking small meats, fish, and delicate dishes. Precisely monitor your food to avoid overcooking and ensure ideal results every time.

In addition, this unit has two modes of use, WiFi 5G and Bluetooth 5.4, so that you can easily monitor the barbecue from a distance, eliminating the need to frequently return to check on the barbecue or cooking. Whether for weekend barbecue gatherings or weekday home cooking, the INT-12-BW offers a relaxed and enjoyable cooking experience.

Brand	INKBIRD		
Model	INT-12-BW		
Usage Modes	Bluetooth	Version	BLE5.4
		Connection	328ft/100m (the greatest distance in an open area without obstacles)
	WiFi	Band	5G WiFi compatible with 2.4G
		Connection	Device should be within 328 feet/100 meters of WiFi router; no distance limit for smartphones.
	Note: The distance between the probe and the base must not exceed 6 meters (19.68 feet). If there are obstacles in between, the distance should be shortened to maintain a stable connection.(The base serves as a signal repeater.)		

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Probe Waterproof Grade	IP67(Dishwasher safe)
Sensor Number	Black probe: 2 sensors to measure food and ambient temperature White probe: 1 sensor to measure food temperature
Probe measurement accuracy	±1℃/±1.8℉
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's battery life	Black probe:25 hours of continuous cooking
	White probe 25 hours of continuous cooking
Probe's charging time	25 minutes
Probe's battery voltage	3.8V
Base's battery capacity	2500mAh lithium battery

|	
Base's battery voltage	3.7V
Base's battery life	55 Hours
Screen Type	Full view high definition LCD with backlight
Screen Size	115.4*20mm
Resolution Ratio	1℃/℉
Data Storage	The base can store data for the last 80min and upload it automatically when connected.
Weight	290g
Dimension	149*93.2*28mm
Package Contents	Probes*2 (Standard Black Probe+ Mini White Probe) USB-C Charging Cable*1 User Manual*1 Quick Start Guide*1

● Product Appearance
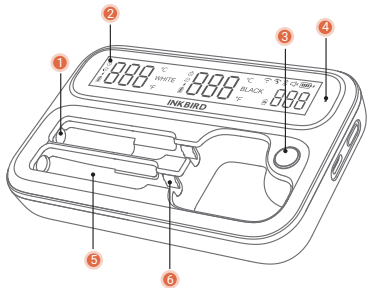
1. Charging Contact Point

2. Full View HD LCD with Backlight

3. Function Button

4. LED Indicator Light

5. Probe Charging Position

6. Electrode Plate for Charging
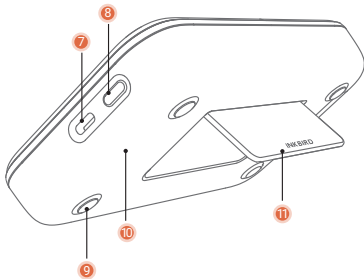
7 Type-C Charging Port

8 Power Button

9 Anti-slip Pads

10 Built-in Magnet

11 Stand
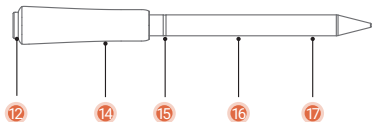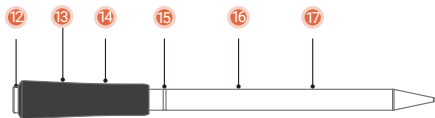
⑫ Charging Contact Point

⑬ Ambient Temperature Sensor

⑭ Zirconia Ceramic Handle

⑮ Safe Cooking Line

⑯ Food-Grade Stainless Steel

⑰ Food Temperature Sensor

Note: Only the long black probe can detect ambient temperatures, the white probe cannot.

- Screen Information Reference
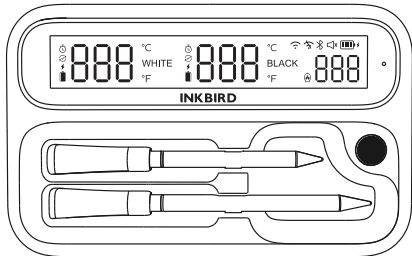
Device Status Display	
🔋	Current battery level.
🔋⚡	The device is charging.
🔋 flashing	The device battery is low.
ᛒ flashing	The device's Bluetooth pairing is in progress.

✳ remains on	The device's Bluetooth has been connected.	✳ disappears	The device is disconnected from Bluetooth.
🛜+✳ flashing	The device's WiFi is pairing with the network.	🛜+✳ remain on	The device's WiFi has been connected.
🛜 remain on	The WiFi connection fails.	🛜+✳ disappears	The device is disconnected.
◁	The device's buzzer is turned on.	◁x	The device's buzzer is turned off.
Probe Status Display			
⏱	Lights up when the timer is set, goes out when the timer is not set.	⏱ flashing	The timer is reached.
⊘ remain on	Probe connection/pairing is successful.	⊘ flashing	The probe is in the connecting/pairing process.

⊘ goes out	Probe connection/pairing is unsuccessful.	🔋	Probe's current battery life
⚡🔋	The probe is charging.	⚡🔋 flashing	The probe's battery is exhausted.
℃/℉	Device temperature unit	White/ Black	Probe display area of corresponding color
Probe Digital Bit Display			
– H –	The current temperature is outside the temperature range of the probe.	– L –	The current temperature is below the temperature range of the probe.
– – –	The probe is in the compartment / is not connected.	Digits flashing	The preset temperature is currently reached.

- **Indicator Light Definition**
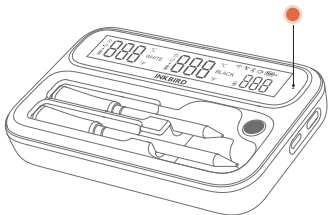
Charging the base
Green light flashes at the breathing rate and remains lit if fully charged.

Battery Level Indicator
When the battery level falls below 30%, the yellow light stays on.
When the battery level falls below 10%, the red light stays on.
When the battery is about to be exhausted, the device will flash a red light and shut down.

High Temperature Alarm
If the temperature of the base exceeds 55℃, the unit will sound an alarm, the screen will display -H- and the red indicator light will flash.

Power Button	Press and hold for 3 seconds to turn the device on or off.
	Press and hold for 30 seconds to reset the device.
Function Button	Press and hold for 3 seconds to switch the buzzer on or off. (Adjust the sound volume from the app)
	During cooking, press once to view your preset temperature. The screen will automatically return to show the current temperature in 2 seconds.
Factory Reset	After turning on the device, press and hold both the Power button and Function button for 10 seconds to restore the factory settings.
Dismiss Alarms	If the device is in the alarm state, press any button to stop the alarm.

Note: In the event that the high temperature alarm has been triggered, it is imperative that you cease heating immediately and relocate the unit to a cool, shaded area. Should the unit detect that the temperature has once again exceeded the tolerable range within one minute, it will sound the alarm again.

05 *Battery Details & Maintenance*

• Battery Details
• Both probes can continuously monitor temperatures for up to 25 hours when fully charged. The black probe simultaneously monitors food and ambient temperatures, making it suitable for meat joints, while the white probe monitors food temperatures only, making it more suitable for small food ingredients. Please note that consistently high temperatures may reduce battery life.
• The base is equipped with a 2500mAh high-capacity lithium battery, which provides a battery life of over 55 hours.

● **Battery Charging Steps & Methods**

Probe: Please place the probe that requires charging in the designated charging position on the base.
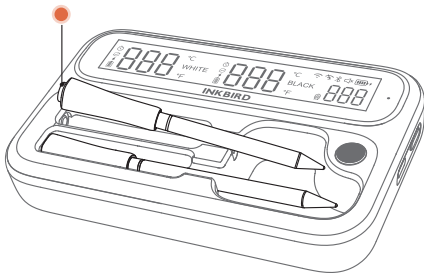
• Base

1)Please use the provided charging cable to charge this device. It will take approximately 3 hours to fully charge.

2)While charging, the indicator light on the base will flash green at the breathing rate and remain lit once fully charged.

3)If you need to charge this device with a different cable, please ensure that the cable has a type-C interface and provides 5V 1.5A.

• Use & Maintenance

1.Do not use the probe in environments outside of the specified temperature range. If the temperature in the cooking environment exceeds 300℃ (572℉) or falls below -10℃ (14℉), it may reduce the probe battery life or damage the battery.

2.When the probe's battery power is low, please clean and dry it before placing it back on the designated charging position on the base for charging. When the base's battery power is low, please use the provided cable to charge it. The LCD screen on the base will display the charging status of both the base and the probe.

3.Please note that the probes are 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 water seepage and damage to the device.

4.When you turn on the device and leave it unused for a long time, it will automatically enter sleep mode or shut down to conserve power. However, if you plan on not using 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.

5.If the device's battery power is low, the measured temperature results may be inaccurate, the indicator and buzzer may be deactivated, or the device may be disconnected from the smartphone. Please charge it timely. However, do not use any Type-C cable that is not 5V 1.5A to charge the device, as this may cause damage to the product.

6.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 personal injury.

6.1 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.This device supports both 5GHz and 2.4GHz Wi-Fi routers.

4.Ensure that the app has been granted permission to access the phone's location. (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.)

6.2 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.

6.3 How To Connect

• Make sure that both Bluetooth and WiFi functions are enabled on your smartphone and turn on the device.

• Open the INKBIRD APP. Allow the app to obtain location information, click "+" in the upper right corner to find this product, then follow the app instructions to complete the connection.

• During the connection process, place the device as close as possible to your smartphone and router. Additionally, when in use, ensure that all probes remain within 19.68 feet (6 meters) of the base.

07 *Cleaning and Maintenance*

1.Please note that the probes are waterproof but the base is not. After use, clean the probes under running water or in a dishwasher. Avoid using corrosive detergents as they can damage the probes.

2.After cleaning the probes, wait for them to dry before placing them back on the charging

positions 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 probes 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.

🔥 *08* *Important Notes/Warnings*

1)The probes are previously paired with the base at the factory. After starting up, take out a probe, the corresponding area will display the detected temperature of the probe and the icon⊘. Set a menu for the probe on the app and then the probe can be used.

2)This product is not suitable for use in microwave ovens or pressure cookers. When using the probe, make sure that it is inserted in the center of the food and that the depth of insertion is beyond the safe cooking line engraved on the probe and that any bones are avoided.

3)The base can serve as a Bluetooth signal repeater. Place the base as close to the probes as possible. If this is not feasible, make sure that the distance between the base and the probes is no more than 6 to 8 meters and that there are no metal or any other obstacles in between. If there are obstacles between the base and probes, the distance should be shortened for a stable connection.

4)When the cooking temperature exceeds the specified temperature range, please do not use the probe or immediately stop using it and cool it down.

5)Do not expose the probe directly to fire or burning wood charcoals. If the probe falls into the fire, please immediately stop heating and wait for it to cool down before removing it. Prolonged exposure to high temperatures can damage the probe.

6)When using, make sure that the base stays away from fire and heat sources. Do not expose it to direct sunlight, nor place or magnetically attach it to the surface of an oven or grill. And, do

not put the base inside the oven or grill.

7)After cooking, do not immediately touch the hot probe. Wait for it to cool down. If necessary, use a heat-resistant tool to avoid burns.

8)This product is designed specifically for grilling and cooking. It is not recommended for any other purposes.

09 Troubleshooting Guide

Issues	Possible Solutions
What if my device cannot connect to Bluetooth?	1.Make sure that the Bluetooth function is enabled on your smartphone or tablet, that the device battery is fully charged, and that the device model number is correct.

Issues	Possible Solutions
What if my device cannot connect to Bluetooth?	2.Make sure that the phone positioning function is enabled and that the APP is allowed to obtain your location information. Without permission, the app cannot establish a connection between the device and your smartphone. 3.Keep the device away from metal or obstacles. Place your smartphone or tablet as close to the base as possible. And, make sure the distance between the probe and the base is no more than 6 meters (19.68 feet). 4.Try to restart the device, and turn off any other Bluetooth devices within the connection range or disable their Bluetooth functions. 5.If you have paired the device with your smartphone before, remove the device, search for it again and pair it again.
What if my device cannot connect to WiFi?	1.Make sure that your smartphone has Bluetooth and WiFi enabled and connected to the device via Bluetooth. Then, follow the app's instructions to establish a WiFi connection.

Issues	Possible Solutions
What if my device cannot connect to WiFi?	2.Make sure that you have entered the correct WiFi account name and password and that the WiFi network is stable. 3.During the connection process, please keep the device, router and smartphone as close to each other as possible. 4.Do not place the device on metal surfaces or near metal objects. Leave it at least 1 meter above the ground. 5.During the connection process, any VPN or agent proxy servers should be forbidden, otherwise the connection will fail. 6.Try to reboot both the device and router. If the device has connected to WiFi before, you can go to the setting page of the app to reset WiFi. 7.Press and hold the knob button for 30 seconds to force reset the device. 8.Please verify if the router is blocking or blacklisting the device. 9.After turning on the device, simultaneously press and hold the power button and function for 10 seconds to restore factory settings.

Issues	Possible Solutions
	NOTE: If your problem persists, please contact our customer service.
Why is my temperature probe reading incorrectly or not reading?	1.You can calibrate the temperature through the app. 2.Please check if the current temperature just exceeded the specified temperature range or has exceeded before, which may cause damage to the probe. 3.Check on the corresponding probe area on the base's screen. If the probe is disconnected, please wait for it to reconnect automatically or reboot the device and wait for the probe to connect. 4.Do not submerge the probe in water for an extended period. This device is designed solely for food and is not recommended for any other use. 5.If your probe is damaged and needs a replacement, you can select the corresponding probe number on the app and enter the setting page to delete it and pair the new one.

Issues	Possible Solutions
Why can't the probe be charged?	1.The probes can only be charged at the base. To recharge, ensure that they are fully placed on the charging position and successfully connected to the contact points. 2.Please check if there are any oil stains covering the contact points and probe tops, as this can cause charging failure. 3.Please check if the base's battery power is low and has entered battery protection mode, which cause charging failure.
Why can't the base be charged with fast charging?	1.Please use the provided charging cable to charge the base. If you need to use a different cable, please choose a type-c cable with 5V 1.5A. 2.This device does not support fast charging. In general, it can be fully charged in approximately 3 hours using DC 5V 1.5A.

10 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.

WIRELESS BBQ THERMOMETER Model:INT-12-BW	
Charging Case: 12-BW	**Wireless Probe:** INT-11P
FCC ID：2AYZD-12-BW	**FCC ID**：2AYZD-INT-11P
IC：30368-11PB	**IC**：30368-INT11P

11 **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.

🔥 *12* *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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Manufacturer: Shenzhen Inkbird Technology Co., Ltd.
Factory Address: Room 501, Building 138, No. 71, Yiqing Road, Xianhu Community, Liantang Street, Luohu District, Shenzhen, China

V1.0

MADE IN CHINA
DESIGNED BY INKBIRD