

# INKBIRD

## THREE-MODE WIRELESS BBQ THERMOMETER

### USER MANUAL



INT-14-BW



### ***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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Please keep this manual properly for reference. You can also scan the QR code 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 video sobre cómo utilizar el producto.

## ● Please read this instruction manual before use.

Please read this manual thoroughly before using the INT-14-BW. Use in violation of this manual may result in product damage, property damage, or personal injury.

### 01 Overview

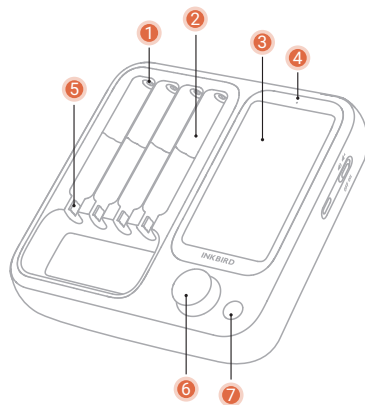
INKBIRD INT-14-BW is an intelligent barbecue thermometer containing four wireless probes and features three modes for selection. You can use it through the INKBIRD app after a Bluetooth and WiFi connection. If you don't want to connect to the app, it can also help you cook with the local mode. No longer bound by the cable of wired probes, every probe can accurately measure the internal temperature of food, efficiently reducing the waste of energy and food resources and preventing food-borne diseases; No more worries about overcooking and undercooking. This product is ultra-easy to use. Just insert the thermometer probe into your food, connect it to the phone app, and customize the settings. Then you can rest and wait for the cooking to finish. This functional thermometer will remind you when to enjoy those delicious foods.

### 02 Technical Specifications

Brand	INKBIRD		
Model	INT-14-BW		
HVIN	14-BW		
Usage Mode (3 in total)	Bluetooth Mode	BT Version	BLE5.4
		Connection	300ft/91m (the greatest distance in an open area without obstacles)
	WiFi Mode	Band	2.4Ghz;
		Connection	328ft/100m (the greatest distance between the base and router)
	Local Mode	Built-in	8 preset USDA recommended menus + 5 doneness levels + custom
		Connection	Can be used without an APP connection, but the base must be within 6 meters of the probe.

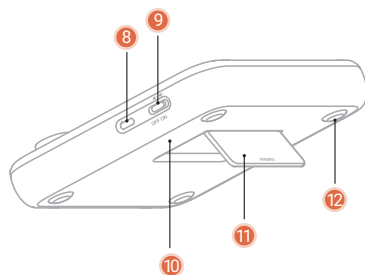
	<b>Note:</b> The distance between the probe and the base should NOT EXCEED 6 METERS (19.68 feet). If there are obstacles in between, the distance should be shorter to maintain a stable connection. (The base serves as a signal repeater.)
Probe Waterproof Grade	IP67 (Dishwasher safe)
Sensor Number	1 high precision food temperature sensor with 1 ambient temperature sensor
Probe Measurement Accuracy	$\pm 1^{\circ}\text{C}/\pm 1.8^{\circ}\text{F}$
Temperature Measurement Range	Food Temperature: $-10\text{--}100^{\circ}\text{C}/14\text{--}212^{\circ}\text{F}$ Ambient Temperature: $0\text{--}300^{\circ}\text{C}/32\text{--}572^{\circ}\text{F}$
Probe's Battery Life	25 hours of continuous cooking
Probe's Charging Time	25 minutes
Base's Battery Capacity	3500mAh lithium battery
Base's Battery Life	120 hours
Screen Type	High-definition LCD
Screen Size	57*102mm
Resolution Ratio	$1^{\circ}\text{C}/^{\circ}\text{F}$
Weight	420g
Dimension	158.5 x 152.5 x 36.5 mm
Package Contents	Device (Probe*4+Base*1) USB-C Charging Cable*1 User Manual*1 Quick Start Guide*1

## • Product Appearance



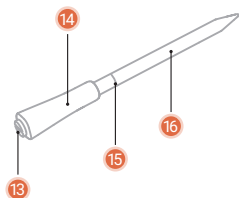
### • Base

- ① Charging Contact Point
- ② Probe Charging Position
- ③ HD LCD Screen
- ④ Indicator Light
- ⑤ Electrode Plate for Charging
- ⑥ Knob Button
- ⑦ Function Button



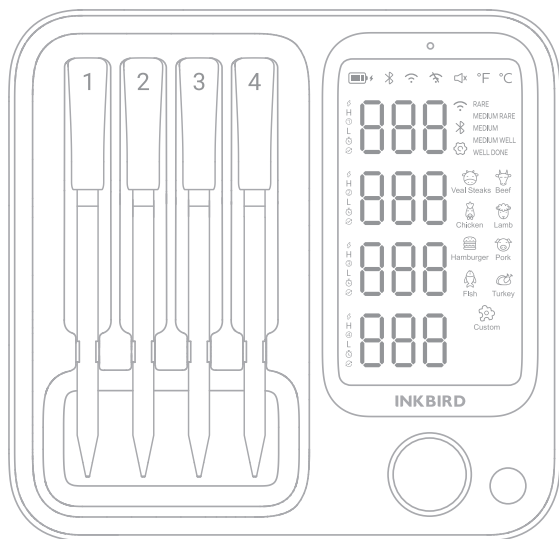
### • Base

- ⑧ Type-C Charging Port
- ⑨ Power Switch
- ⑩ Magnetic Back
- ⑪ Stand
- ⑫ Anti-slip Pads



### • Probe









- ⑬ Charging Contact Point
- ⑭ Ceramic Handle
- ⑮ Safe Cooking Line
- ⑯ Food-Grade Stainless Steel



## ● Screen Information Reference

Device Status Display			
	Current battery level		The device is charging.
	The device's Bluetooth pairing is in progress.		The device's Bluetooth has been connected.
	The device has disconnected from Bluetooth.		The device's Wi-Fi is pairing with the network.
	The device's Wi-Fi has been connected.		The Wi-Fi connection fails.
	Device has been disconnected.		The device's buzzer is turned on.
	The device's buzzer is turned off.		Current temperature unit



Probe Status Display			
 Fast Flashing	The probe's battery is about to be exhausted.	 Slow Flashing	The probe is charging.
 Disappear	The probe's battery is exhausted.	 Remain on	The probe is fully charged.
H/L	Flashes when the preset temperature is reached.	①② ④③	Corresponding probe number display.
 Timer	Set a timer.	 Flashing	The timer is reached.
 Flashing	The probe is in the connecting/pairing process.	 Remain on	Probe connection/pairing is successful.
-H-	The current temperature is outside the temperature range of the probe.	-L-	The current temperature is below the temperature range of the probe.

## ● Indicator Light Definition

<b>Charging the base</b>	<ul style="list-style-type: none"> <li>Green light flashes at the breathing rate and remains lit if fully charged.</li> </ul>
<b>Battery Level Indicator</b>	<ul style="list-style-type: none"> <li>When the battery level falls below 10%, the yellow light stays on.</li> <li>When the battery level falls below 3%, the red light stays on.</li> <li>When the battery is about to be exhausted, the device will flash a red light and shut down.</li> </ul>
<b>High Temperature Alarm</b>	<ul style="list-style-type: none"> <li>If the temperature of the base exceeds 55°C, the device will flash a red light and emit an alarm.</li> </ul>

<b>Power Switch</b>	<ul style="list-style-type: none"> <li>• Push the switch to position 1 (OFF) to turn off the device.</li> <li>• Push the switch to position 2 (ON) to turn on the device and activate the buzzer.</li> <li>• Push the switch to position 3 to turn on the device and mute the buzzer.</li> </ul>	
<b>Function Button</b>	Mode switch: press and hold for 2 seconds to switch between WiFi, Bluetooth, and Local mode.	
	Local mode	When the device is in local mode, press and hold the knob button to enter menu setting, then press the function button to select a probe to set.
<b>Knob Button</b>	Force Reset: Press and hold the knob button for 15 seconds to force reset the device.	
	Local mode	<ul style="list-style-type: none"> <li>• Press and hold the knob button for 3 seconds to enter menu setting, then press and hold the knob button for 3 seconds again to exit the setting.</li> <li>• Turn the knob button left or right to select a menu and doneness level.</li> <li>• Press to confirm your selected menu, doneness level, and customized temperature setting.</li> <li>• After setting, press the knob button to view the preset temperature.</li> </ul>
<b>★ Dismiss the alarm</b>	When the device is alarming, press the knob button or function button to dismiss the alarm.	

**NOTE:** When the base triggers a high-temperature alarm, the alarm cannot be dismissed by pressing any button. The user should immediately stop heating and put the base in a shady and cool place, then cancel the alarm through the app, or wait for the temperature detected by the device to drop to the safe range and automatically stop alarming.



## Battery Details & Maintenance

### Battery Details

The INKBIRD INT-14-BW has four food probes and a base that can expand the Bluetooth connection range (serves as a repeater), emit alarms, and charge the probes.

- A fully charged probe can last for 25 hours of continuous cooking, so you don't need to worry about the battery running out during your cooking time. Please note that consistently high temperatures may reduce the battery life.
- The base has a built-in 3500mAh high-capacity lithium battery. With the screen brightness set to 30% and 4 hours of use while charging the probes everyday, the base can last for 20 days.

### Battery Charging Steps & Method

#### Probe :

- ① Put the probe that needs to be charged in the charging position on the base.
- ② The charging icon in the probe corresponding area will flash and remain lit once fully charged.

#### Base :

- ① Please use the provided charging cable to charge this device. It will take approximately 3.5 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 2A.

### 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°C (572°F) or falls below -10°C (14°F), 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 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 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 short period of time, it will automatically enter sleep or shut down mode to conserve power. However, if you plan on not using the device for an extended period, please charge the battery to 70% 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 2A to charge the device, as this may cause damage.
- ⑥ When using, 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 result in damage to the product or personal injury.



## **APP Installation & Connection**

### **6.1 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. The INT-14-BW only supports 2.4Ghz WiFi networks, not 5Ghz WiFi.
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 then 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.

## **Cleaning & 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 meters and that there are no metal or any other obstacles in between.
- 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.



Issues	Possible Solutions
What if my device cannot connect to Bluetooth?	<ol style="list-style-type: none"><li>1. Make sure that the Bluetooth function is enabled on your smartphone or tablet and that the device battery is fully charged.</li><li>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 smart-phone.</li><li>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).</li><li>4. Turn off any other Bluetooth devices within the connection range or disable their Bluetooth functions.</li></ol>
What if my device cannot connect to WiFi?	<ol style="list-style-type: none"><li>1. Make sure that your smartphone is Bluetooth enabled and connected to the device via Bluetooth. Then, follow the app's instructions to establish a WiFi connection.</li><li>2. Please check the product model number printed on the back of your device and select either 2.4Ghz WiFi or 5Ghz WiFi depending on your device model, as the INT-14-BW only supports 2.4Ghz WiFi networks, not 5Ghz WiFi.</li><li>3. Check that you have entered the correct WiFi name and password.</li><li>4. During the connection process, please keep the device, router and smart-phone as close to each other as possible.</li><li>5. Do not place the device on metal surfaces or near metal objects. Leave it at least 1 meter above the ground.</li><li>6. During the connection process, any VPN or agent proxy servers should be forbidden, otherwise the connection will fail.</li><li>7. 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.</li></ol>

	<p>8. Press and hold the knob button for 15 seconds to force reset the device.</p> <p>9. Please verify if the router is blocking or blacklisting the device.</p>
Why is my temperature probe reading incorrectly or not reading?	<p>1. You can calibrate the temperature through the app.</p> <p>2. Please check if the current temperature just exceeded the specified temperature range or has exceeded before, which may cause damage to the probe.</p> <p>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.</p> <p>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.</p> <p>Note: 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.</p>
Why can't the probe be charged?	<p>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.</p> <p>2. Please check if there are any oil stains covering the contact points and probe tops, as this can cause charging failure.</p> <p>3. Please check if the base's battery power is low and has entered battery protection mode, which cause charging failure.</p>
Why can't the base be charged with fast charging?	<p>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 2A.</p> <p>2. This device does not support fast charging. In general, it can be fully charged in approximately 3.5 hours using DC 5V 2A.</p>





### **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.



### **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 ne 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 conformités ou aux limites d'intensité de champ RF, les utilisateurs peuvent, sur l'exposition aux radiofréquences et conformité d'acquiescer les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

<b>WIRELESS BBQ THERMOMETER</b> Model: INT-14-BW	
CHARGING BASE FCC ID: 2AYZD-14-BW	IC: 30368-14BW
CONTAINS FCC ID: 2ANDL-WBR3	IC: 23243-WBR3
WIRELESS PROBE FCC ID: 2AYZD-INT-14	IC: 30368-INT14
WIRELESS PROBE HVIN: INT-14	CHARGING BASE HVIN: INT-14-BW

## 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](mailto:support@inkbird.com). We will do our best to help you.

## Shenzhen Inkbird Technology Co., Ltd.

[support@inkbird.com](mailto: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



V5.0