INKBIRD
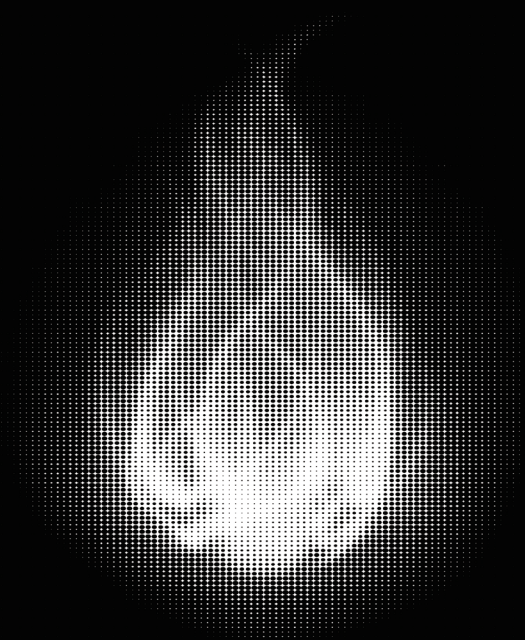# TWO-MODE
WIRELESS
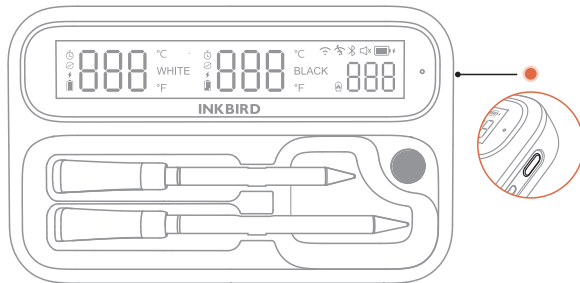**INT-12-BW**
Quick Start Guide
BBQ THERMOMETER

The INKBIRD INT-12-BW is a truly intelligent and wireless meat thermometer specially designed for barbecue enthusiasts. It can be used with either Bluetooth 5.4 or WiFi 5G and its long and short high precision probes can be used separately on different foods that vary in size, thickness, cooking time, and cooking method. Through the app connection, the white probe monitors the internal temperature of the food while the black probe simultaneously monitors the internal temperature of the food and the ambient temperature of the oven, helping you to effortlessly take control of every cooking.

Instructions For First Use

Warning Before using this unit, please make sure that you have read the important safety information in this manual and that you will strictly abide by the following warnings during use.
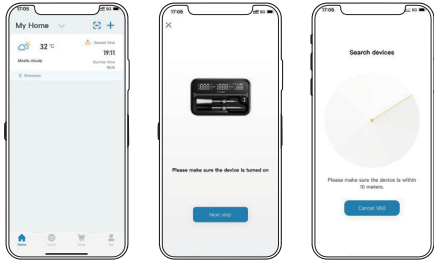
Quick Operating Guideline

• Press and hold the power button on the right side of the device for 3 seconds to turn on the device. This device has 2 connection modes, Bluetooth 5.4 and WiFi 5G.

• Prepare a smartphone running iOS 12 (or later) or Android 7.1 (or later) and enable both Bluetooth and WiFi on the smartphone. Then scan the QR code to download the INKBIRD app. Please allow the app to obtain the location information.

1. Click the " + " in the upper right corner of the app's home page. Then, find the INT-12-BW and follow the app's instructions to complete the connection. Please note that this device has the capability to automatically switch the connection mode. If you want to connect through WiFi, please ensure that the current WiFi network is stable, as the device will automatically return to Bluetooth connection if the WiFi network is unstable.
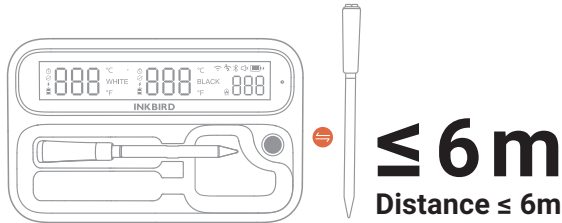

2. Take out the probe and select the corresponding probe number in the app to set the menu and doneness level. Then, insert the probe into the center of the food and make it deep enough to exceed the safe cooking line.

3. Once the temperature reaches the target point, both the app and thermometer will simultaneously alert you that it is time to enjoy these delicacies.

Note During use, make sure that the distance between the probe and the base does not exceed 6 meters (19.68 feet). If there are obstacles in between, the distance should be shortened for a stable connection.
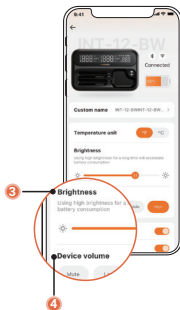

≤ 6 m
Distance ≤ 6m

❶ Operation Buttons Instruction

Power Button	Press and hold it for 3 seconds to switch the device on or off.
Function Button	Press and hold it for 3 seconds to switch the buzzer on or off.
	During cooking: After setting the target temperature, press it to show the preset temperature. It will then automatically return to display the real-time temperature in 2 seconds.
Dismiss Alarms	When the device is sounding an alarm, press any button to dismiss the alarm.
Awake In Sleep	By default, after 15 minutes of inactivity, the device will enter the sleep mode to save power. Press any button to wake it. The device will automatically switch off if it is not used for a further period. (The sleep function can be disabled or the sleep time adjusted through the app.)
Restore Factory Setting	After powering on, press and hold both the Power button and Function button for 10 seconds to restore factory settings.

❷ Indicator Light Introduction

Battery Level	When the current battery level of the base is lower than 30%, the yellow indicator light will remain on.
	When the current battery level of the base is lower than 10%, the red indicator light will remain on.
	When the base battery is low and the base is about to be turned off, the red indicator light will flash until the device is off.
Battery Charging	When the base is charging, the green indicator light will flash at the breathing rate and remain lit once fully charged.
High Temperatures	If the ambient temperature at the location of the base exceeds 55℃ (131℉), the red indicator light will flash rapidly.

③ Screen Brightness Adjustment

Enter the setting page of the app and find the brightness adjustment bar to set the brightness freely. The default setting is 80% brightness, with the recommended lowest brightness being 30%.
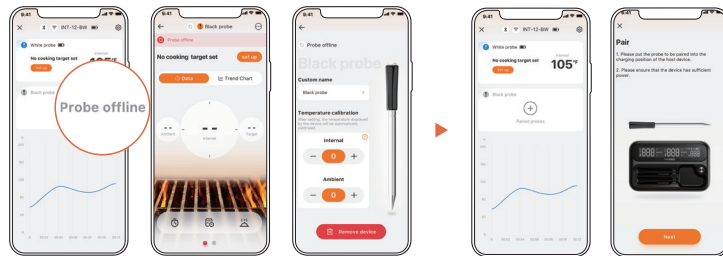

④ Device Sound Volume Adjustment

Enter the setting page of the app, where you will find 4 levels of sound volume that can be adjusted.

⑤ Replace A Probe

Note: If a probe needs to be replaced, make sure the device is connected to the app in Bluetooth mode. New probes cannot be paired with the device under WiFi connection.

1).Enter the device's home page and click on the probe area to enter probe setting, then select to remove the probe and confirm.

2).Return to device's home page and click the icon " ⊕ " in the probe area to start pairing.

3). Place the unpaired new probe in the base's charging position and follow the app's instructions to begin pairing. If the pairing is successful, the app will prompt you and the base screen will display the pairing icon" ⊘ ". Once the probe is successfully paired with the device, you can continue to use it.

signal, quality, and availability are good enough to maintain consistent temperature monitoring and a stable connection with your smartphone. Once the WiFi becomes unstable, the device will automatically switch to Bluetooth connection. If you want to disable this function, simply go to the device setting page within the app and find the Smart Mode Switching option to disable the function.

❷ Auto Sleep & Shutdown

After powering on, the device will automatically enter a low power consumption mode if it is left unused for 15 minutes. To resume operation, simply press any button. If the device is not activated within 10 minutes of entering sleep mode, it will automatically power off to conserve power.

More Functions
❶ Smart Mode Switching

The device will automatically identify whether it is currently in a WiFi environment and whether the WiFi

❸ Local Data Storage

The device can store up to 2 hours of cooking data, which will be automatically uploaded to the app once a connection has been established. In the event of a brief disconnection due to operational error, no data will be lost.