



User Manual

Innovative Tech , For Game And Life

 **BEITONG®**



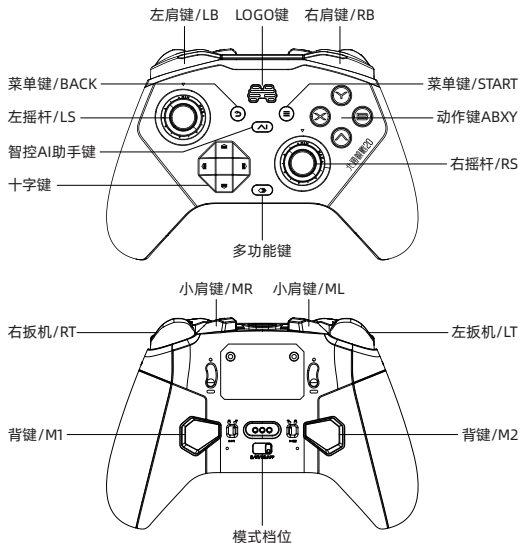
BEITONG KP20E

Competitive Gaming Controller User Manual

Please Read User Manual before Using the Product and Save it for Reference.

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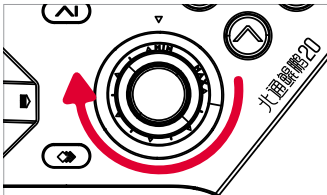
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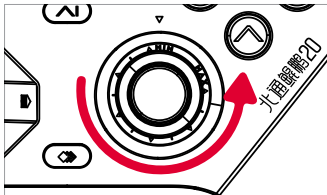
1 基本操作 ※扫描尾页二维码，查看各版本新增功能说明

键位	功能解释
短按	开机
长按3秒	关机
短按	切换板载配置
长按5秒	清除当前模式的配对记录
RB+BACK+RS+ 开机	清除所有模式配对记录
关机/休眠	手柄处于已连接状态时，无按键动作10分钟后（默认）自动关机；手柄处于未连接状态时，无按键动作2分钟后自动关机。
接收器休眠	未连接状态下超过2分钟会关闭灯光，仍开放回连及配对功能
电量展示	手柄支持软件中自定义键值切换灯四种颜色来表示电量 白（100%-75%）；绿（75%-50%）；黄（50%-25%）；红（25%-0%）
拓展 关闭助手时生效	①单击可循环切换板载配置； ②+任意键（除和），可切换目标键连发：第1次按下后震动1次进入手动连发，需按住目标键触发；第2次按下后震动2次进入自动连发，按一下目标键开始连发，再按一下目标键停止；第3次按下后无震动，目标键退出连发状态。 ③+M1/M2/ML/MR保持2秒，默认进入宏录制模式（绿灯），至多可录入32步宏，再次按下可切换为按键映射模式（橙灯）可录入1~3个按键，再次按下可切换回宏录制模式。当配置中已存在宏时，保存宏录制时会红灯闪烁并震动，且不会保存此次录入，若宏录制步数超过32步时保存会红灯闪烁并震动，只保存前32步宏内容。短按对应的组合键会保存并退出，若无宏或按键录入，则会使对应按键无键值。 ④+LS/RS保持2秒，进入左摇杆赛车体感映射模式或右摇杆射击体感映射模式。两种模式独立，再次短按组合键则退出。 ⑤+BACK保持2秒，可开启飞鼠模式，再次短按组合键则退出
摇杆/扳机校准	连接状态下，同时按下【BACK+START+RS】进入校准模式，灯以红/绿/蓝三色交替闪烁，左右摇杆正常转动打满3圈，长行程扳机按到底3次，同时按【BACK+START+RS】键完成校准。
体感校准	关机状态下，按【Y+X+】开机，此时灯黄灯常亮，将手柄静置水平面5秒，等待橙灯常亮即校准成功

2 摇杆阻尼调节 转动阻尼调节旋钮，无级调节摇杆阻尼

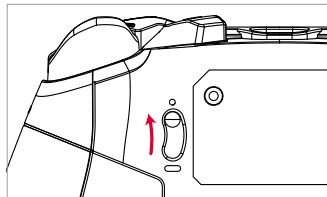


1、顺时针转动增大阻尼

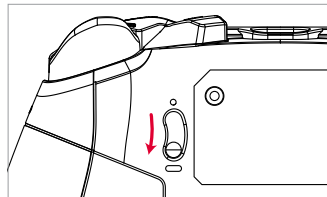


2、逆时针转动减小阻尼

3 扳机微动/线性切换使用说明 拨动背部两档开关，可切换扳机档位

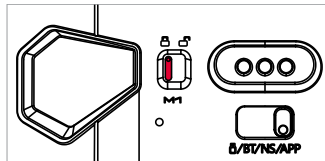


1、微动档：快速触发，短键程，轻松点射

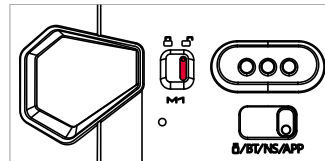


2、线性档：精细操控，长键程，精准油门

4 背键锁切换使用说明



1、向锁定侧拨动则不触发



2、向解锁侧拨动则可按下

5 连接电脑

使用无线接收器连接模式时 需保证手柄未使用数据线与电脑连接

1. 将接收器插入电脑USB接口，接收器白灯闪烁
2. 将手柄背部模式档位拨至
3. 短按 键开机，手柄震动一下，接收器白灯常亮， 键呈现白灯常亮5秒后，即手柄完成连接
4. 首次连接成功后，下次模式档位处于 时，短按 键开机，手柄将自动回连本设备，无需重复首次连接步骤

有线连接

任意模式档位下，通过USB数据线连接电脑和手柄，将自动完成连接

蓝牙连接

1. 将手柄背部模式档位拨至BT
2. 短按 键开机，打开电脑【设置】【蓝牙和其他设备】【添加蓝牙设备】点击“XBOX WIRELESS CONTROLLER”连接
3. 手柄震动一下， 键呈现白灯常亮5秒后，即手柄完成连接
4. 首次连接成功后，下次模式档位处于BT时，短按 键开机，手柄将自动回连本设备，无需重复首次连接步骤

6 连接SWITCH

1. 开启SWITCH主机，点击SWITCH首页的手柄图标进入【手柄-更改握法/顺序】
2. 在手柄关机状态下，手柄背部档位拨至NS
3. 短按  键开机，稍等片刻，手柄将于SWITCH主机自动连接， 键呈现白灯常亮5秒后，即手柄完成连接
4. 首次连接成功后，下次如模式档位处于NS时短按  键开机，手柄将自动回连本SWITCH设备无需重复首次连接步骤

7 连接手机/平板设备

1. 将手柄背部模式档位拨至BT
2. 短按  键开机，打开手机蓝牙搜索界面信号选择“Xbox Wireless controller”进行连接
3. 手柄震动一下， 键呈现白灯常亮5秒后，即手柄完成连接
4. 首次连接成功后，下次模式档位处于BT时，短按  键开机，手柄将自动回连本设备，无需重复首次连接步骤

8 安卓电视及安卓映射

1. 将手柄背部档位拨至APP
2. 短按  键开机，打开蓝牙搜索界面信号选择“BTP-KP20EB BFM”进行连接
3. 手柄震动一下， 键白灯常亮5秒后，即手柄完成连接。
4. 首次连接成功后，下次模式档位处于APP时短按  键开机，手柄将自动回连本设备，无需重复首次连接步骤

9 无线/蓝牙模式切换

本手柄共有 接收器、XINPUT蓝牙、SWITCH蓝牙、BFM蓝牙 四种无线模式进行切换
可长按  键5秒进入当前模式档位下的强制配对状态
通过切换对应模式档位，进入该模式的回连连接状态

模式档位	模式	指示灯	回连连接	强制连接	连接成功
	接收器模式	 白色	白灯中闪	白灯快闪	手柄氛围灯白灯常亮5秒后进入自定义灯效
BT	XINPUT模式				
NS	Switch模式				
APP	BFM模式				

10 充电说明

注：出厂默认设置充电为白色指示灯，用户可使用北通手柄助手自定义灯光颜色

电量状态	指示灯效提示
电量不足20%	自定义灯效快闪
充电中	自定义灯效呼吸
充电完成	关机充电完成:自定义灯效常亮5秒后熄灭关机 充电完成:进入自定义灯效

11 北通智控 更多智控设置

访问北通官网：www.betop-cn.com下载【北通智控】，自由探索多样玩法

1. 首页:超多手柄智控设置
2. 摇杆调节:可根据游戏类型调节灵敏度至理想值
3. 按键映射、自定义:可根据游戏场景自由设置按键映射、宏定义
4. 震动反馈:可根据震动喜好自由设置震动强度

12 常见问题

Q 为什么手柄无法连接接收器、蓝牙设备?

- A 一般是手柄接收器信号受到干扰，或者手柄没电解决方法
1. 确保手柄是否有足够的电量，或者充电1小时后再重新尝试连接
 2. 尝试将手柄接收器插入同一设备的其他USB口再进行测试，USB口以3.0为佳
 3. 如以上方法操作无效，可以联系购买渠道客服在线咨询，或可以关注北通公众号联系我们-智能助手-发送“人工”在线咨询

Q 手柄充电要用什么充电器?

- A 使用标准是5V，1-2A充电器

Q 如何对手柄固件进行升级?

- A 在电脑上安装北通游戏厅，根据软件内指导进行固件升级

13 产品规格

产品名称	北通鲲鹏20智控游戏手柄 丁未款
产品型号	BTP-KP20E、BTP--KP20E
产品尺寸	≈155x105x67mm
产品重量	≈233g
平台适配	电脑、NS主机、手机、Android电视、投影仪等。 (PC支持Win7以上版本的台式电脑、笔记本；手机支持安卓9.0系统以上，iOS13.4及以上版本支持原生游戏)
连接模式	有线、无线、蓝牙
电池容量	800mAh
使用距离	有线1.5米/无线10米
标准认证	

15 注意事项

电池使用警示

若出现严重鼓胀、请勿继续使用

禁止拆解、撞击、挤压或投入火中

请勿置于高温环境中

电池浸水后禁止使用

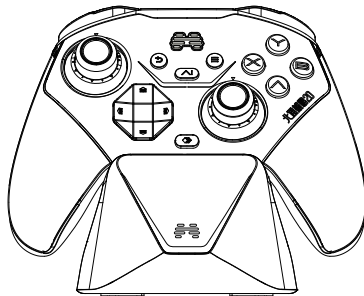
有明文规定禁止使用无线设备的场所，请勿使用本设备，否则会干扰其它电子设备或导致其它危险。

- 内含细小零件。请务必放在3岁以下儿童触及不到的地方。若不慎吞食或吸入，请立即就医。
- 请勿靠近火源使用产品。
- 请勿将产品暴露于阳光直射或高温的环境中。
- 请勿将产品置于潮湿或多尘的环境中。
- 请勿撞击产品或使其跌落。
- 请勿直接接触USB端口，否则可能会导致故障。
- 请勿用力弯曲或拉扯线缆。
- 请使用柔软的干布清洗。
- 请勿使用汽油或稀释剂等化学品。
- 请勿自行拆卸、修理或改装。
- 请勿将产品用于原本设计用途以外的用途。对用于非原本用途而造成事故或损坏，我们概不负责。
- 请勿直视光束。它可能会伤害你的眼睛。
- 如果您有任何有关产品质量的问题或建议，请联系我们的客服热线。

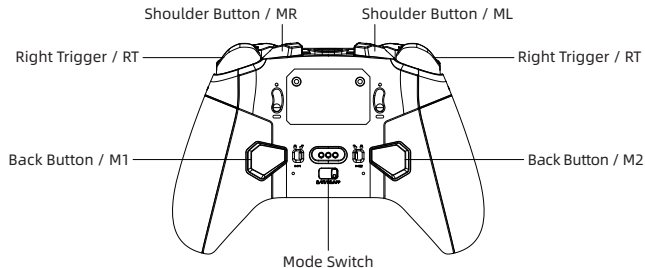
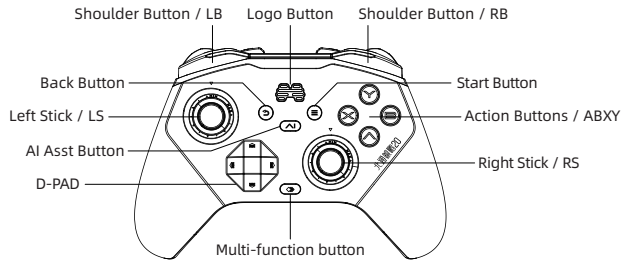
数据线使用警示

使用范围：本数据线仅可用于本手柄，请使用符合国家3C认证
充电规格为5V，1~2A的充电器

注意事项：避免过度弯折、拉扯、碾压线材，防止内部线芯断裂；发现线材破损、发热异常时，立即停止使用并更换
责任声明：请勿将产品用于原本设计用途以外的用途。对用于非原本用途而造成事故或损坏，我们概不负责。



支持智能唤醒充电底座

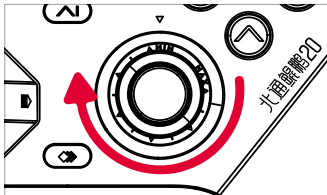


1 Basic Control

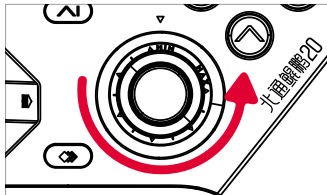
Button	Function
Short Press	Power On
Long Press for 3s	Power Off
Short Press	Switch to Onboard Configuration
Long Press for 5s	Clear Pairing Data of Current Mode
Power on with RB+BACK+RS+	Clear All Pairing Data
Power Off Power Off (DC)	Power off after 10 minutes (default) of no inputs while connected. Power off after 2 minutes of no inputs while disconnected.
Receiver Sleep Mode	If disconnected for over 2 minutes, the LED lights will turn off. The reconnection and pairing functions remain available.
Battery Level Indicator	The controller software allows you to assign a custom button to cycle through four colors of the logo LED, which indicate the battery level: White (100%-75%); Green (75%-50%); Yellow (50%-25%); Red (25%-0%)
Extended Functions Effective when the assistant is closed	① Press the to switch the Onboard Configuration ② + Any Button (Expect and) toggles Rapid Fire for the target button: ● First press: 1 vibration → Manual Rapid Fire; hold the target button to trigger. ● Second press: 2 vibrations → Auto Rapid Fire; press the target button once to start, press again to stop. ● Third press: no vibration → target button exits Rapid Fire. ③ Hold + M1/M2/ML/MR ● Hold for 2 seconds: Enter Macro Recording mode (Green LED), max 32 steps. ● Press again: Switch to Button Mapping mode (Orange LED), support 1-3 buttons. ● Press again: Return to Macro Recording mode. Rules: ● If 6 macros already exist: The new recording macro will not be saved and the controller will flash Red LED and vibration. ● If macro recording over 32 steps: only first 32 steps be saved and the controller will flash Red LED and vibration. Exit: ● In Macro mode, press the combination briefly again to save and exit. ● If no input is recorded, the corresponding button will be cleared (set to empty). ④ Hold + LS/RS for 3 seconds to activate Motion Control Mapping (Gyro): ● TURBO + LS: Racing motion sensor mapping. ● TURBO + RS: Shooting motion sensor mapping. The two modes are independent. Press the same key combination briefly again to exit the motion sensor mapping. ⑤ Hold + BACK for 2 seconds, can open Fly-Mouse mode. Press the same key combination briefly again to exit.

Calibrate Sticks / Triggers	While connected, press BACK+START+RS to enter the calibration mode. Once entered, the  light will flash in a red-green-blue sequence. Rotate left and right sticks in full 360 degrees for 3 times, fully press down linear triggers for 3 times, then press BACK+START+RS again to finish the calibration.
Motion Sensor Calibration	While powered off, press X+Y+  to power on, the logo light will stay yellow, then put the gamepad on a flat surface for 5 seconds. the  light will stay orange to indicate that the calibration is successful.

2 Damping Joystick Guide Freely adjust damping by rotating the button

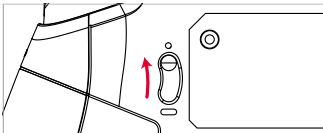


1. Rotate clockwise to increase damping

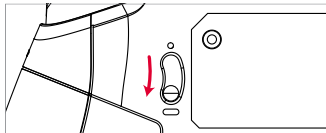


2. Rotate counter-clockwise to decrease damping

3 Microswitch / Linear Switch Two-Stage Trigger Mode Switch on Back of Controller

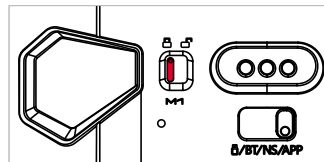


Microswitch Mode:
Fast Actuation, Short Travel, Burst Fire Easily

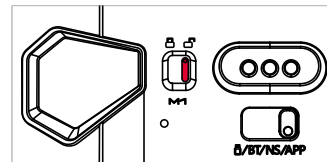


Linear Mode:
Fine Operation, Long Travel, Precise Throttle

4 Back Button Lock Switch



1. Slide to Lock  : Does not trigger.



2. Slide to Unlock  : Can be pressed.

5 PC ※Wireless only enables while the gamepad is NOT connected through a cable.

1. Insert the receiver into the USB port. A white blink indicates success.
2. Push Mode Switch on the back to 
3. Short press  button to power on. If the connection is successful, the gamepad will respond with a short vibration and the light will stay white for 5 seconds.
4. After the first successful connection, the gamepad will remember the last connected device and connect automatically next time it powers on in  mode by short pressing  button.

Wired Connection

In any Mode, connect the PC and the gamepad with the USB cable that the connection is successful.

Bluetooth Connection

1. Push Mode Switch on the back to BT
2. Short press  button to power on.. Then on your PC, go to Settings -> Bluetooth and Other Devices -> Add a Bluetooth Device then select "XBOX WIRELESS CONTROLLER" to connect.
3. If the connection is successful, the gamepad will respond with a short vibration and the light will stay white for 5 seconds.
4. After the first successful connection, the gamepad will remember the last connected device and connect automatically next time it powers on in BT mode by short pressing  button.

6 Switch

1. Start your Switch, on the HOME menu, select gamepad icon, then go to "Controllers" -> "Change Grip/Order".
2. While the gamepad is powered off, push Mode Switch on the back to NS.
3. Short press  button to power up the gamepad. The gamepad will connect automatically after a short time. If the connection is successful, the gamepad's light will stay white for 5 seconds.
4. After the first successful connection, the gamepad will remember the last connected SWITCH and connect automatically next time it powers on in NS mode by short pressing  button.

7 Phone/Tablet ※This gamepad supports Xinput and is compatible with any games that have native Xinput support.

1. Push Mode Switch on the back to BT
2. Short press  button to power on. Open your device's Bluetooth discovery menu and select "XBOX WIRELESS CONTROLLER" from the device list.
3. If the connection is successful, the gamepad will respond with a short vibration and the light will stay white for 5 seconds.
4. After the first successful connection, the gamepad will remember the last connected device and connect automatically next time it powers on in BT mode by short pressing  button.

8 Android TV/Android Mapper

1. Push Mode Switch on the back to APP.
2. Short press  button to power on. Open your device's Bluetooth discovery menu and select "BTP-KP20EB BFM" from the device list.
3. If the connection is successful, the gamepad will respond with a short vibration and the light will stay white for 5 seconds.
4. After the first successful connection, the gamepad will remember the last connected device and connect automatically next time it powers on in APP mode by short pressing  button.

9 Wireless/Bluetooth Mode Switch

This gamepad can switch among 4 wireless modes: Receiver, XInput Bluetooth, Switch Bluetooth, and BFM Bluetooth.

You may force pairing in current mode by long pressing  button for 5 seconds.

The gamepad will attempt reconnecting to its previous connected device on each mode on mode switch.

Switch	Mode	Light	Reconnect	Force Pairing	Successful Connection
	Receiver Mode	 White	Normal White Flash	Fast White Flash	Light stays white for 5 seconds then changes to user-defined light
BT	XInput Mode				
NS	Switch Mode				
APP	BFM Mode				

10 Charging Guide ※By default, charging light is white. The light's color can be customized in BEITONG iControl controller assistant

Battery Status	Light Indication
Less than 20%	Fast flashing user-defined light
Charging	User-defined light fades in and out
Charging complete	When powered off: user-defined light stays on for 5seconds then off When powered on: changes to user-defined light

11 BEITONG iControl - Controller Configuration

Please visit www.beitongfun.com to download "BEITONG iControl" and customize your configuration

1. Home Page: Extensive intelligent controller configuration
2. Joystick Adjustment: Adjust sensitivity to the ideal value based on the game type.
3. Button Mapping: Mapping button freely based on the game scenarios.
4. Vibration Setting: Adjust Vibration intensity freely based on personal preference.

12 FAQ

Q My gamepad is not connecting wirelessly.

- A This usually happens when the wireless receiver signal interference or insufficient battery.
1. Make sure that the gamepad is sufficiently charged. Try reconnecting after charging it for more than 1 hour.
 2. Try a different USB port on the same device. A USB 3.0 port is recommended.
 3. If issues persist, contact BEITONG Support:Email: beitong-oversea@betop-cn.com.

Q What kind of charger should I use?

- A The standard charger is 5V 1A-2A.

Q How to set parameters and upgrade the firmware for the controller?

- A Please visit BEITONG official website www.beitongfun.com, download BEITONG iControl and follow the instructions provided by the software.

13 Product Specs

Product Name	BEITONG KP20E COMPETITIVE GAMING CONTROLLER
Product Model	BTP-KP20E、BTP--KP20E
Product Dimensions	≈155x105x67mm
Product Weight	≈233g
Compatibility	PC, Nintendo© Switch, Smartphone, Android TV, Smart Projectors, etc. TV/TV Boxes that support Android 9.0 and above. PC/Laptops that support Windows 7 and above. Android phones that support Android 9.0 and above, iPhones that support iOS 13.4 and above.
Connection Capability	Wired, Wireless, Bluetooth
Battery Capacity	800mAh
Range	Wired: 1.5 meters, Wireless: 10 meters
Standard Certification	

14 Warnings & Precautions

Battery Safety

Do not use if battery severe swelling occurs

Do not use after it has been submerged in water

Do not disassemble, impact, crush or throw into fire

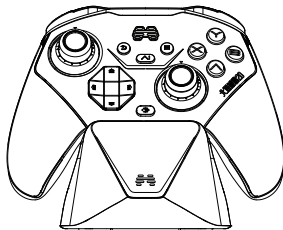
Do not exposed to high temperatures

Do not use this device in places where the use of wireless devices is expressly prohibited, as it may interfere with other electronic devices or cause other dangers.

- Contains small parts. Keep away from children under 3. If swallowed, seek emergency medical care.
- Do not close to the open flames
- Do not expose the product in direct sunlight or hot vehicles
- Do not expose to humidity/dust
- Do not hit or drop the product
- Do not let the liquid contact with USB ports
- Do not bend or drag cables forcefully
- Please Clean with soft dry microfiber cloth
- Do not use gas and solvents to clean
- Do not disassemble, repair or modify by yourself
- Please use only as intended by the original design.

We're not responsible for accidents if you modify or misuse this product.

- Do not stare at beams - eye injury risk
- Contact customer service for quality issues



Support Smart Wake-up Charging Dock 2.0

Cable Warnings & Precautions

Range: This cable only be used for this controller (BEITONG KP20E), please use a charger that complies with the 3C certification and the specification of 5V, 1-2A.

Precautions: Avoid excessive bending, pulling, or crushing of the wire to prevent internal core breakage. Please stop using and changing if you found the wire damage or abnormal heating.

Responsibility: Please do not use the cable for any purpose other than its intended use. We shall not be responsible for any accidents or damages resulting from misuse or use outside of its original design purpose.

FC 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.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

CE This equipment has been tested against the listed standards and found to comply with the requirements of EMC Directive 2014/30/EU, LVD Directive 2014/35/EU, and RF Directive 2014/53/EU.

The CE marking can be used to certify that a product complies with European Union (EU) health, safety, and environmental requirements



This product, its battery, or the packaging may bear this symbol, indicating that this product and any contained batteries must not be disposed of with your household waste. Instead, you are responsible for handing them over to applicable collection points for the recycling of batteries and electrical electronic equipment. This separate collection and recycling will help protect natural resources and prevent potential negative consequences for human health and the environment due to harmful substances that may be present in batteries and electrical electronic devices, which could arise from improper disposal. For more information on where to dispose of batteries and electronic waste, please contact your local city/municipal office, your household waste disposal service, or the store where you purchased this product. For more information about the disposal of electrical electronic equipment and waste batteries, please contact beitong-oversea@betop-cn.com.