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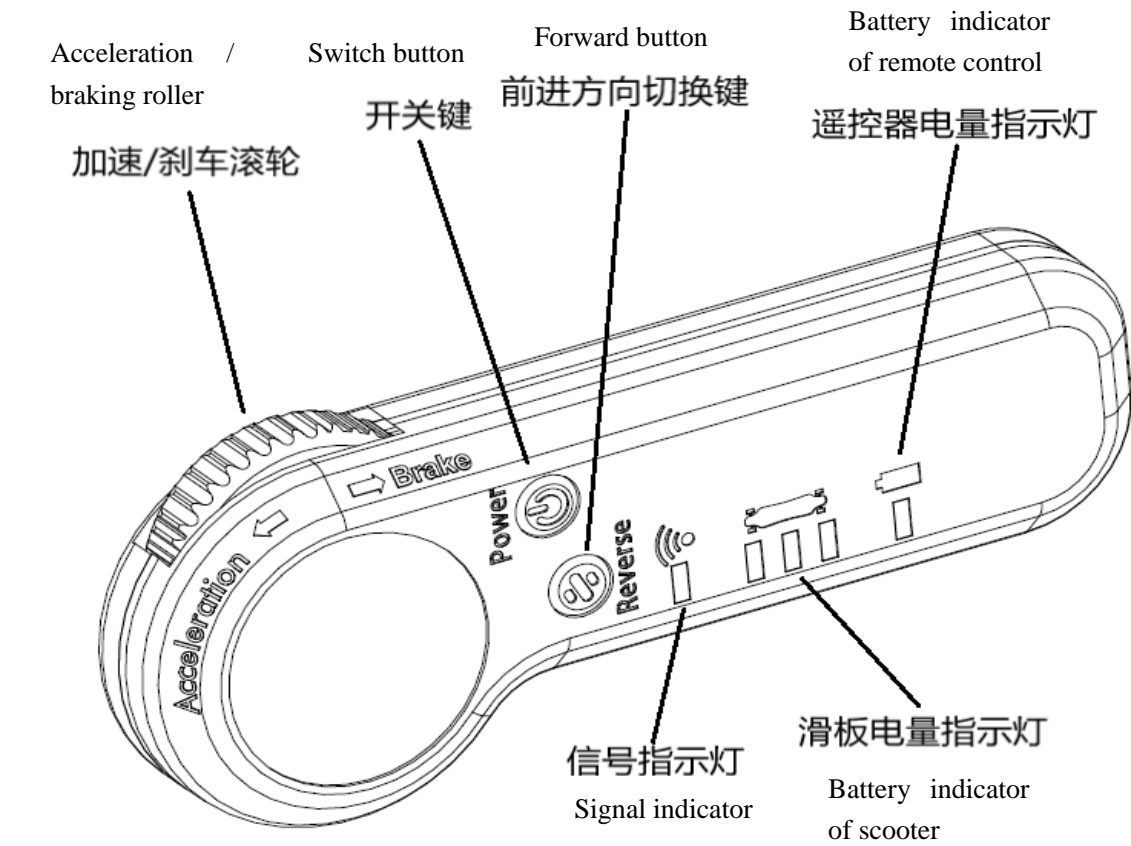
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01 产品规格 Product Specification

型号 Model	H12N1
电池电压/容量 Battery voltage/Capacity	3.7V/220MAH
充电接口 Charging interface	Micro USB
通讯方式 Communication mode	2.4G
遥控距离 Distance of remote control	40m（Open area）
适用电调 Applicable ESC	HW9032

02 交互方式 Interactive mode

遥控器示意图 Diagram of remote control:



03 功能与操作说明：Function and operating instruction

- 1) 开机
关机状态下，短按遥控器上 “Power” 键开机，遥控器进入连接模式。
电调开机短按开机/关机，开机短鸣两声。
注：连接上后遥控器信号灯绿灯闪烁，若连接断开，则绿灯常亮
- 1) Power on
Press “Power”key on the remote control to power on. The remote control enters into connection mode.
Press on/off if power on ESC, there are two sounds when power on.
Note: The green indicator of remote control will flash after connection. If disconnect, the green indicator will be constant on.
- 2) 关机
手动关机：开机状态下，长按 “Power” 键 2 秒关机。
自动关机：当滑板在静止状态时，10 分钟无操作，遥控器与滑板将自动关机。
- 2) Power off
Manual off: Press “Power” for 2 seconds to power off.
Automatic off: The romote control and scooter will power off automatically if not being operated within 10 minutes, if the scooter is at rest.
- 3) 连接配对
任意时刻，遥控器长按 “Power” 键 3 秒，长按控制器开关键 5 秒进入配对模式。控制器进入配对模式时每隔 1.5 秒短鸣两次，长响一声表示已经配对成功，若短鸣循环 12 次未成功配对则退出配对模式。配对成功时遥控器信号指示灯闪烁，表示配对成功即可使用。
- 3) Connect and match
Press “Power” key on remote control for 3 seconds, and press controller switch for 5 seconds to enter into matching mode at any time. The contorller will make two short sounds every 1.5 seconds in matching mode. If there is a long sound, the matching is completed. It will exit matching mode if not being matched after 12 short sounds. The signal indicator of remote control will flash if match successfully then it can be used.
- 4) 电量指示
遥控器电量指示：遥控器开机后，若遥控器电量检测低于 25%，遥控器电量指示灯闪烁。此时仅刹车有效，加速操作将无效。
如果电量充足（大于 25%），则常亮。
滑板电量指示：电量在 70%以上时，滑板电量指示灯全亮“●●●”，电量 40%-70%则两个灯亮“○●●”。滑板电量 10%-40% 时，指示灯一个灯亮 “○●●”，滑板电量低于 10%时，指示灯一个灯闪烁 “○●○”，并伴随每隔 1 秒短响 1 声的鸣音提示，当电压低于安全使用电压时，则关闭动力输出，仅刹车有效。
注：未连上滑板时仅能显示遥控器电量。 “●” 表示常亮，“○” 表示闪烁，“○” 表示熄灭，下同。
- 4) Battery indicator
Battery indicator of remote of control:
After power on, if the battery of remote of control is less than 25%, the battery indicator of remote control flashes. Only brake is available and acceleration is unable at this time. If battery more than 25%, the indicator constantly on.
Battery indicator of scooter:
When the battery is more than 70%, the battery indicator of scooter is all on “●●●” .
When the battery is between 40%-70%, two indicators on “○●●” .
When the battery is between 10%-40%, one indicator on “○●●” .
When the battery is less than10%, one indicator flashes “○●○” , with a short sound every 1 second to warn.
When the voltage is less thanthe safety voltage, close the power output, only brake is available.
Note: Only battery of remote control displayed if the scooter was not connected. “●” means constant on, “○” means flash, “○” means off, the same below.
- 5) 油门/刹车控制
接入油门和刹车指拨，自动进入两轮滑板车模式。
波动油门指拨进行加速，波动刹车指拨刹车。
断开油门和刹车指拨的连接，进入三轮滑板模式，此时通过滚轮控制加速及刹车。
向前推动“滚轮”以控制滑板前进，向后拉动“滚轮”以控制滑板刹车。
备注：在进行按键开机的同时请勿推/拉动“滚轮”。
- 5) Throttle/brake control
Connect finger dial of throttle and brake and automatically enter into two-wheel scooter mode.
Accelerate by adjusting finger dial of throttle. Brake by by adjusting finger dial of brake.
Disconnect the finger dial of throttle and brake and enter into three-wheel scooter mode. Control acceleration and

brake by roller.
Push “roller” forward to control scooter to go ahead. Pull “roller” backward to contorl scooter to brake.
Note: Do not push/pull “roller” when press “power” key.

- 6) **滑板方向切换**
前进状态下，单击 “Reverse” 键切换前进方向至后退模式；
后退状态下，单击 “Reverse” 键切换前进方向至前进模式；
注：前进方向切换仅在时速低于 3km/h 时才有效。

- 6) **Switch direction of scooter**
In forward state, press “Reverse” key to switch from forward direction to backward mode;
In backward state, press “Reverse” key to switch from forward direction to forward mode;
Note: Forward direction only can be switched when the speed is less than3km/h.

04 故障警报说明：Malfunction warning instruction:

- 1) **电池低压警报**
① 当遥控器电量低于 25%，遥控器电量指示灯闪烁。此时油门将无效，仅刹车有效，需尽快为遥控器充电。
② 当滑板电量低于 10%时，滑板电量指示灯单灯闪烁 “○○○”，并伴随每隔 1 秒短响 1 声的鸣音提示，电量过低油门将无效，仅刹车有效，需尽快为滑板电池充电。
- 2) **信号丢失警报**
若滑板正在进行加速操作，信号丢失时首先油门立即自动归零，然后自动缓慢刹车；若正在刹车，则缓慢上升或降到一个固定的刹车力度。信号丢失后，遥控器将进入搜寻滑板设备状态，伴随信号指示灯常亮并每隔 1.5 秒 3 声短鸣音提示，搜到并重新连接成功后指示灯及鸣音恢复正常，缓慢刹车取消，并且油门归零后滑板方可恢复正常操作。
- 3) **过热警报**
当控制器温度过高时，动力输出减弱，直至温度恢复正常。
注：使用者应留意电调以及电机温度，当电调或电机温度运行偏高时，使用者应仔细检查原因，待原因排除后再使用。
- 4) **硬件故障警报**
若自检硬件故障，控制器将发出每隔 4 秒 4 次的短鸣音，并停止动力输出。
- 5) **过流/堵转警报**
保护触发时，控制器将发出单次循环短鸣，并切断动力输出，油门回到零点无故障时恢复输出。

- 1) **Battery low-voltage warning**
a) If the battery of remote of control is less than 25%, the battery indicator of remote control flashes. Only brake is available, need to charge remote control as soon as possible.
b) When the battery of scooter is less than 10%, a single battery indicator of scooter flashes “○○○”, with a short sound every second to warn. If the battery is too less, the throttle is unable and only the brake is available. Need to charge the scooter battery as soon as possible.

- 2) **Signal loss waringing**
The throttle will return to zero automatically when scooter loses the signal during accelerating, then brake slowly and automatically. It will ascend or reduce to a fixed braking force during braking. The remote control will search for scooter device after losing signal, with signal indicator is constantly on and three short sounds every 1.5 seconds to warn. The indicator and sound will return to normal if succeed to search and reconnect. Cancel slow brake and return the throttle to zero before normal operation.

- 3) **Overheat warning**
When the temperature of controller is too high, the power output will weaken until the temperature returns to normal.
Note: The users should keep an eye on the temperature of ESC and motor. When the operating temperature of ESC and motor is too high, the users should check the cause and use it after troublshooting.

- 4) **Hardware malfunction warning**
If self-inspection hardware malfunction, the controller will make 4 short sounds every 4 seconds and stop power output.

- 5) **Overcurrent /lock-up warning**
If the protection triggered, the controller will make a single short sound circularly and cut off power output. The output will be restored after the throttle returns to zero and has no malfunctions.

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 must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.