

specification

1. summary:

The wired power feedback steering wheel with guidance is a 1080 degree wired steering wheel designed specifically for PC, PS4, and XBOX ONE gaming consoles. It has a beautiful and exquisite appearance, built-in intelligent drive motor, a table reinforcement bracket, DC24V/2A drive American standard power supply, magnetic encoder, automatic centering function when the steering wheel is powered on, and also has a Share function. It comes with F0091 foot pedal and (M-HH00323041-F) 6+1 shift lever. .

2. Functional characteristics:

2.1 Gear transmission power feedback, customized motor, high torque;

2.2 The steering wheel base sensor adopts a magnetic encoder with a resolution of up to 17 bits (131072);

2.3 Steering wheel base rotates 1080 degrees;

2.4 The steering wheel adopts a left and right paddle structure, and the paddle uses a touch switch;

2.5 provides 18 key inputs: D-PAD (↑, ↓, →, ←),
A, B, X, Y, L1, R1, L2, R2, Menu, View, XBOX; L3, R3, Share;

2.6 Analog input: 1080 degree direction, LT, RT foot pedal;

2.7 Automatic centering function when the steering wheel is powered on;

2.8 Interface: 1 * RJ11 input port (connected to 6+1 gear lever); 1 * RJ11 input port (foot pedal); 1 * DC input port (24V, fire connector); 1 * type output (connected to XBOX ONE host/PC, USB cable length), 1 * USB boot port (for connecting to host boot);

2.9 Working voltage: DC24V;

2.10 The steering wheel can be upgraded to FW by connecting to a PC via a USB cable;

There should be a click like sound when operating the Paddle around 2.11;

2.12 The steering wheel can be used on XBOXONE/PS4 consoles through the USB boot port of the original controller;

2.13 The steering wheel is equipped with a built-in Bluetooth IC that supports APP functionality, allowing for programmable mapping of buttons through the APP;

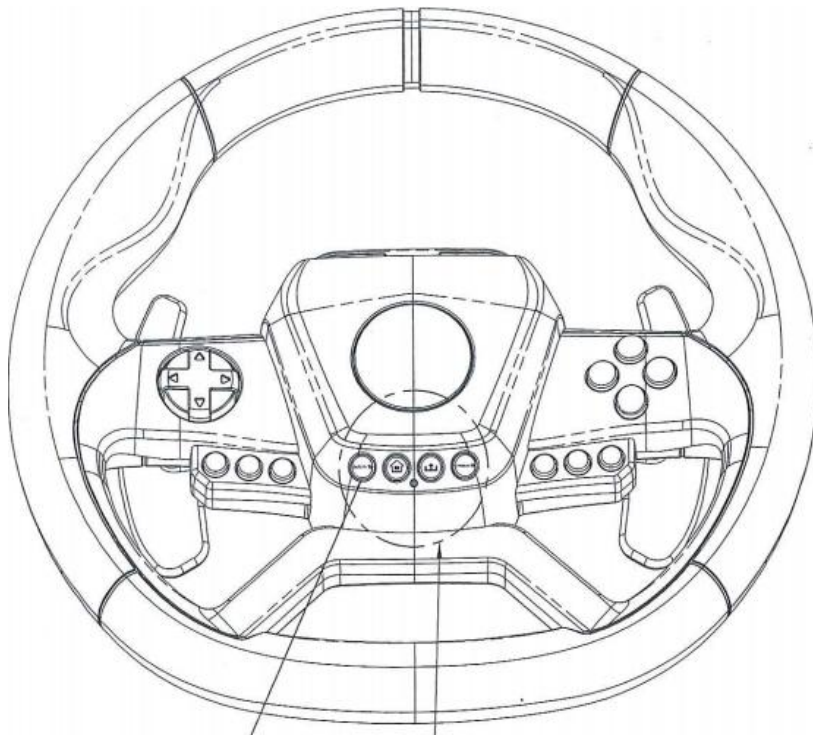
2.14 Work platform: PC, PS4, XBOX ONE host platform;

2.15 Fuel and brake LED display.

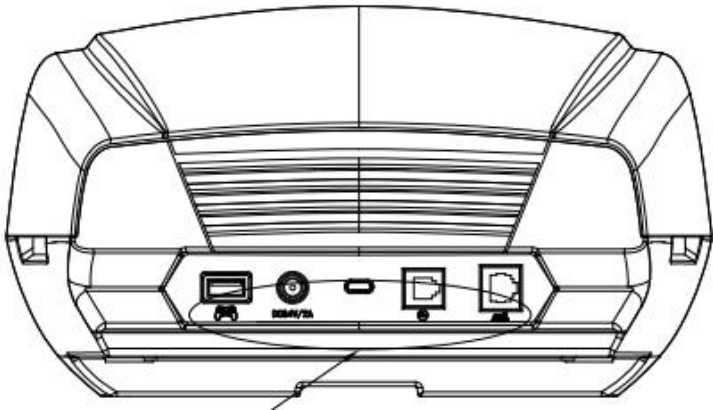
3. Product schematic diagram:



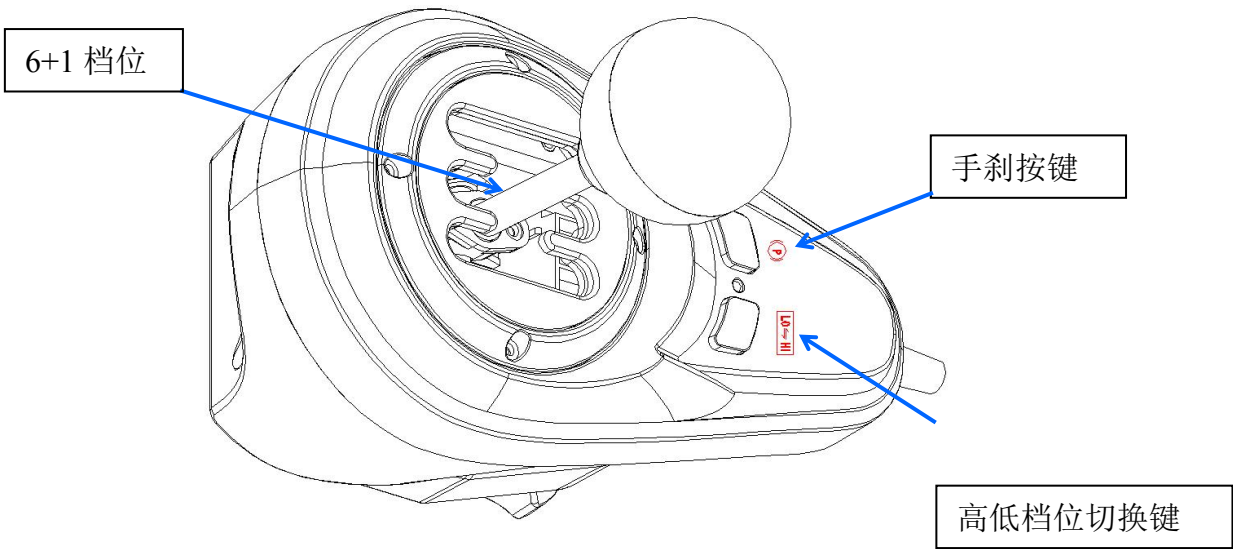
3.1 Schematic diagram of the front buttons on the steering wheel:



3.2 Schematic diagram of the back of the direction:



3.3 Schematic diagram of gear lever:



3.4 Foot pedal schematic diagram:



4. Function Description:

4.1 Introduction to the functions of the three foot pedal:

4.1.1 The three foot pedal with clutch function requires game support to use.

4.1.2 The left pedal is for clutch function, the middle pedal is for braking function, and the right pedal is for refueling function.

4.1.3 If the game does not support clutch function, the clutch pedal may have no function or may be a brake function.

In games that support clutch function, if the clutch is pressed, the vehicle will not move when refueling or braking.

4.2 Function introduction of external 6+1 gear lever:

The function of the LO-HO button on the right side of the gear lever is to switch between high and low gears. If the gear starts at low gears 1, 2, 3, 4, 5, or 6, short press this switch once, and the gear will change to high gears 7, 8, 9, 10, 11, or 12. Short press this button again to switch to low gear.

4.2.2 The high and low gear switching function requires game support to be used. (Currently, only truck games support this feature).

The "" button on the left side of the gear lever is for handbrake function. Pressing and holding this button will activate the handbrake, and releasing it will release it. (Requires game support).

4.4 Steering wheel centering correction method (not required for normal use):

4.4.1 Simultaneously press and hold the A+B keys, insert the USB cable into the computer, and the white LED on the steering wheel will flash and there will be no feedback;

4.4.2 Adjust the steering wheel to the correct direction (center);

4.4.3 Press the two buttons marked in the figure below simultaneously to confirm, and then center the steering wheel again.



5. Introduction to the functions of each platform:

5.1 Introduction to PS4 Platform Functions:

5.1.1 Insert the matching foot pedal cable into the corresponding interface of the steering wheel, and insert the PS4 original handle USB cable into the guide USB port on the steering wheel for guidance (the guide handle should be turned off).

5.1.2 Turn on the power of the PS4 host and turn it on. Insert the steering wheel main line into the USB interface of the PS4 host.

After the connection is completed, the blue light on the steering wheel will remain on, and the indicator light on the PS4 controller will also remain on. After successful guidance, the indicator light on the PS4 controller will light up, and then you can enter the console to start the game or set the relevant functions of the console.

During the operation of the PS4 host, short press the "House" button on the steering wheel once to return to the main interface, and long press for 3 seconds to go to the shutdown settings interface.

5.2 XBOX ONE Platform Function Introduction:

5.2.1 Insert the matching foot pedal cable into the corresponding interface of the steering wheel, connect the XBOX ONE original handle to the USB cable and insert it into the steering wheel's guide USB port for guidance (the guide handle should be turned off).

5.2.2 Turn on the power of the XBOX ONE host and turn it on. Insert the steering wheel main line into the USB port of the XBOX ONE host.

After successful guidance, the green light on the steering wheel will remain on, and the indicator light on the XBOX ONE guidance controller will also remain on. At this time, you can perform relevant operations on the console or enter the game.

5.2.4 In XBOX ONE console operation, short press the "House" button on the steering wheel (equivalent to the navigation button on the original controller) to return to the main interface, and long press the HOME button for 3 seconds to go to the shutdown settings interface.

5.2.5 On the main interface, press the Y key on the steering wheel once to enter the quick search page.

5.2.6 In the gaming platform of XBOX ONE console, press the key once to share screenshots of the game interface.

5.3 Introduction to PC Platform Functions:

5.3.1.1 The default power on mode is D-INPUT, and the red indicator light remains on. (This mode supports power feedback function, but requires game support feedback).

5.3.1.2 Press and hold the HOME button for 3 seconds to switch to X-INPUT mode (which has no feedback function). The purple indicator light will remain on, and then press and hold the MODE button for 3 seconds to switch back to D-INPUT mode. Repeat this process.

5.4 Introduction to APP Function Usage:

5.4.1 APP Download:



Android: Scan the QR code with a browser to download the app

iOS address: <https://apps.apple.com/cn/app/id6451091099>

5.4.2 First, install the Bluetooth testing app. On your phone or tablet, install

It successfully as shown in the following



figure;

5.4.3 Then insert the USB plug of the steering wheel into the PC or other host platform, open the Bluetooth testing app, and select the second screen to enter the following



image;

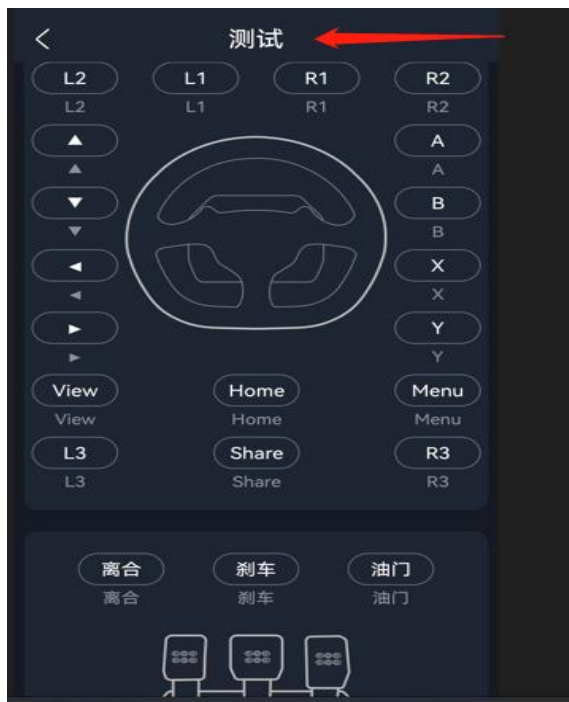
5.4.4 Select the testing mode, which also includes settings for other parameters.

Users can choose different experiences based on the parameters, as shown in the following figure:

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in the following figure:



6. Troubleshooting:

6.1 When the mode light does not light up when the steering wheel is inserted into the host, please re insert it or check if the guide handle is working properly.

6.2 When the steering wheel does not respond and the host screen does not move, the host may unexpectedly crash. Please restart the host and insert it again
Steering wheel.

6.3 When the steering wheel is operated improperly in the game, please unplug and reconnect the steering wheel, especially unplug and reinsert the gear lever

At this time, it is necessary to exit the game and re-enter. Only games in steering wheel mode support gear lever function.

6.4 When connecting the joystick, the joystick must be turned off to prevent the joystick from connecting to the host and causing unsuccessful booting.

7. Precautions:

7.1 Avoid strong vibrations and do not disassemble, modify, or repair on your own.

7.2 Avoid storing in damp, high temperature, oil fume and other places.

7.3 Avoid water or other liquids entering the interior of the steering wheel as it may affect its functionality.

7.4 The voltage of this product is 24V/2A DC power supply. Using other power sources may cause damage to this product.

When this product is first powered on, the rotational torque is relatively large. Try not to hold the steering wheel tightly. Wait until the steering wheel stops rotating before manually turning it

Turn the steering wheel to avoid twisting your hands.

7.6 Children should use this product under adult supervision.

7.7 If there are any quality issues or suggestions, please contact the seller or after-sales personnel.

Federal Communications Commission (FCC) Statement

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.

Warning: Changes or modifications made to this device not expressly approved by KYE SYSTEMS CORP. may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF 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 and any part of your body.