specification

1.summarize：

The direct-drive steering wheel will consist of a panel, base and console, with HALL tripod pedals (hydraulic brakes), headphones and microphone functions. Face plate and console can be disassembled and assembled by DIY. The LCD display system and further Settings and enhancements are available. Display key product performance data on the display and allow deep customer configuration of the display content. The rest of the display will be implemented as input buttons, which can be customized using text, symbols, and colors for a more intuitive and fresh fashion button.

2.functional characteristics：

2.1 Platform: PC (D-input)& XBOX ONE.

2.2 Support system: Microsoft Windows8/10/11, XBOX ONE platform (Microsoft license), both platforms need to be connected Display selection mode on LCD screen.

2.3 The left and right picks are designed with Hall chip contactless switch, which has a longer service life.

2.4 The base and the console are provided with an emergency stop switch, which is convenient to press and stop in emergency. The 2.5 is equipped with HALL three pedals, where the brake uses the pressure sensor hydraulic effect function, which is closer to the real car when used The experience.

2.6 Has 2 axes, 1 POV and 12 separate motion control keys and a dedicated share key for the XONE ONE host.

2.7 With 2 high-precision encoders and 2 reversible rotary switches, you can quickly adjust the content on the LCD screen.

2.8 Front with color LCD screen (resolution: 480* 854,5 inches), the content can be set.

2.9 The relevant parameters of the steering wheel (such as key mapping, motor force, sensitivity, etc.) can be adjusted and set through the dedicated APP.

2.10 High performance AC synchronous three-phase servo motor, rated power 33.3W, maximum torque up to 6N.m.

2.11 3.5mm audio stereo headphone jack for external earphones.

2.12 The base has a high friction non-slip foot pad at the bottom, and also has 2 metal fixing clips to make the use of tables and countertops more stable.

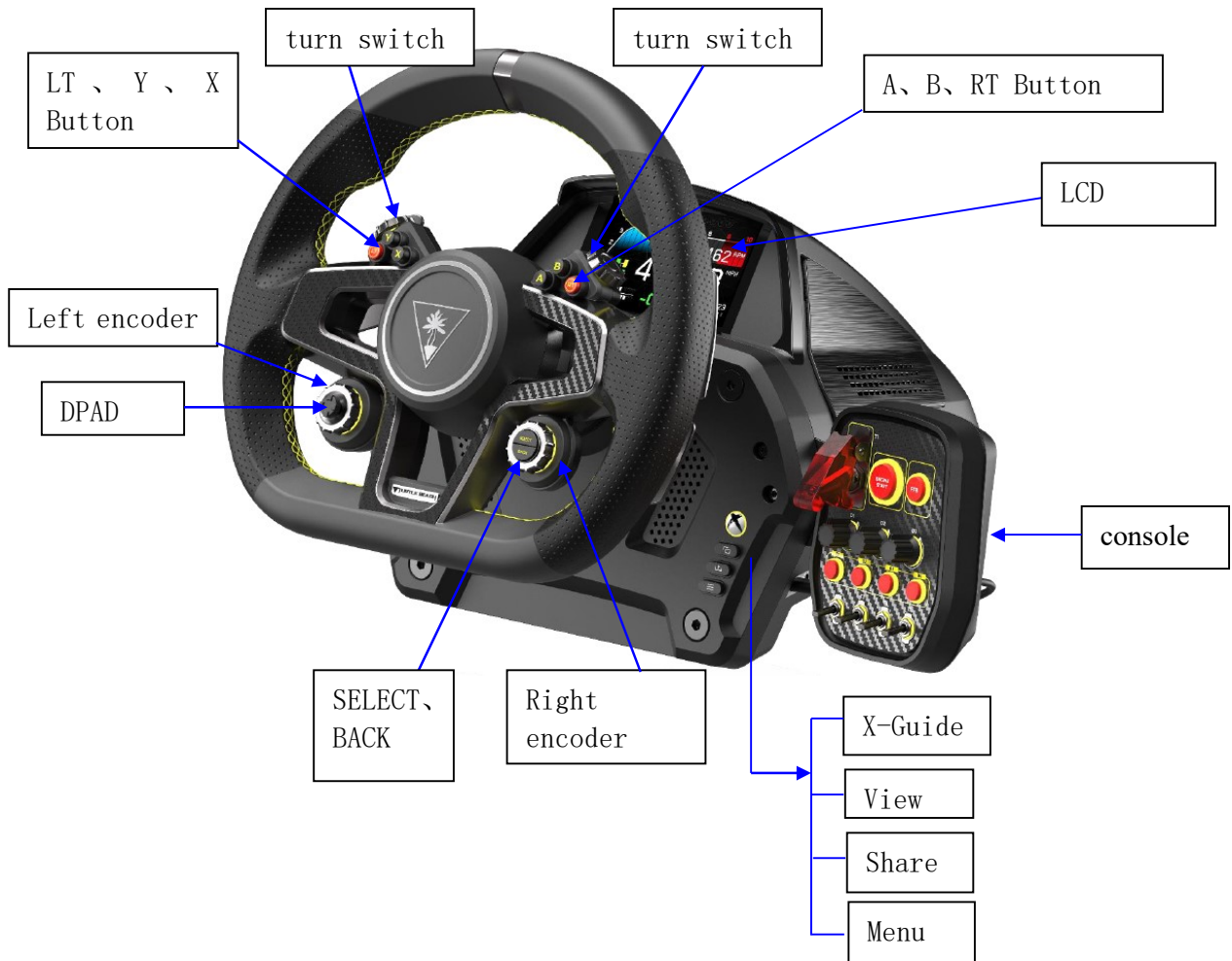2.13 Power supply with 24VDC/5A high power adapter.

2.14 Local interface: 1: Main interface: XBOX/PC. 2: EXPANSION PORTS: EXPANSION PORTS
    1 and 2 (can be connected to pedals Boards and consoles and other accessories).

2.15 Working current: when the motor is not rotating, the current is less than 200mA,
    and the maximum current is up to 6A when the motor is rotating.

2.16 This machine supports Bluetooth wireless mobile APP game programming
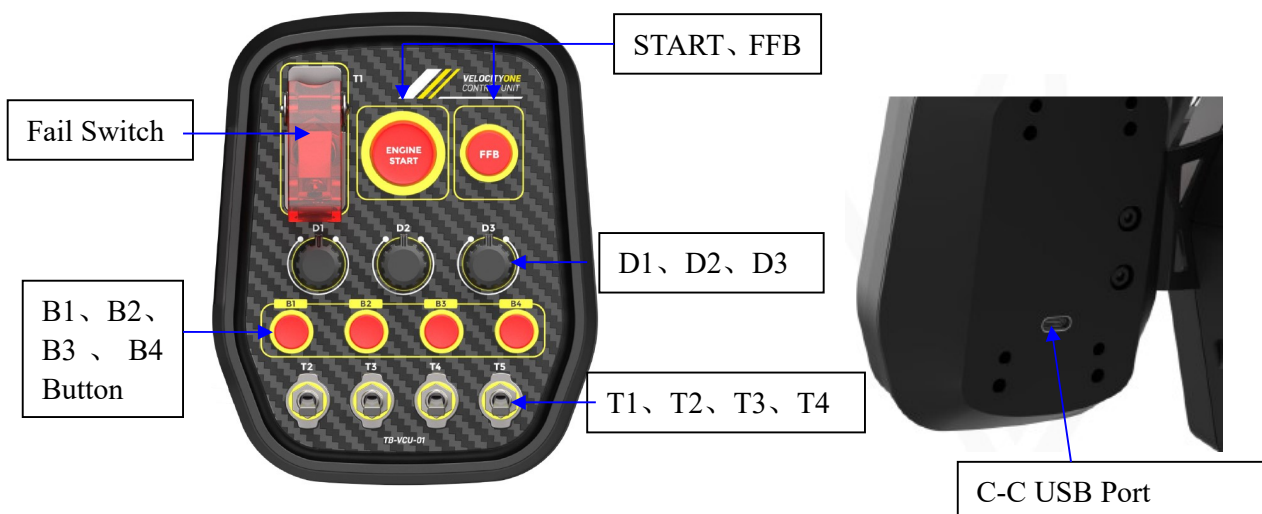   configuration, and Firmware upgrade.

3.product diagram:

3.1 wheel front:

3.2 Steering wheel profile

Right console interface、 headphone jack、 POWER、 K-DRIVE Button

Left console interface

RSB Button

LSB Button

Pedal Port

USB Port

DC Power Port

3.3 Console:

START、FFB

Fail Switch

D1、 D2、 D3

B1、 B2、 B3 、 B4 Button

T1、 T2、 T3、 T4

C-C USB Port

3.4 Pedal

Clutch   Brake   accelerator
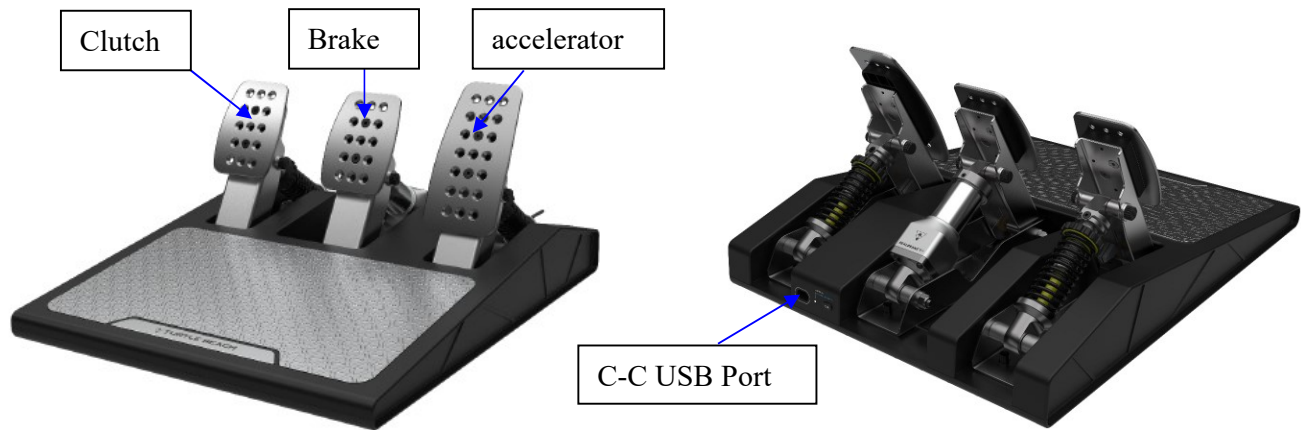
C-C USB Port

4.Connect：

4.1 Insert the dedicated power adapter (24V/5A) into the steering wheel DC power
    socket interface, and the panel LED flashes.

4.2 Connect the main USB line to the USB port marked XONE/PC on the steering wheel,
    and connect the other end to the PC or XONE ONE host.

4.3 Connect the console TO the side USB port using the dedicated USB C TO C cable.

4.4 Connect the pedal TO any of the PORTS marked with EXPANSION PORTS below the front
    using the dedicated USB C TO C cable.

4.5 Press the POWER key on the lower right side once, or press the POWER key on the
    console to start up, then the LED of the face disk becomes longer and brighter
    The LCD screen is also turned on, and the steering wheel will automatically turn
    and return to the center, indicating that the power has been successfully turned
    on.

4.6 You can perform related operations at this time.

5.PC/XBOX Mode switching:

5.1 Turn on the XBOX console and connect the USB cable to the steering wheel。

5.2 The LCD display status on the steering wheel, if it is in the XBOX state, it
    can be operated directly on the XONE platform。

XBOX Mode，Can be used directly。

5.3 If the LCD is displayed in PC state, as shown below, you need to switch to XBOX mode to use it。

PC Mode，It can be used directly on a PC。

    5.3.1 Turn the encoder E2 on the right side of the steering wheel clockwise or counterclockwise to move to XBOX mode and press SELECT Key select, will enter the XBOX mode。

5.4 If the LCD is displayed in the following screen 1, you need to rotate the encoder E2 to the right to enter the mode debugging interface, as shown in the following figure2。

图 1

图 2

    5.4.1 In Figure 2 interface, press the SELECT key to select, then enter the mode selection interface, as shown in the following figure, then follow the

above directions The law can be entered into the corresponding mode。

5.4 In the state in Figure 2, you can rotate encoder E2 left or right, press the
    SELECT key to select entry, for each phase The function should be set, after
    setting, you can press the BACK key to exit and save。

5.5 Press the XBOX LOGO key to actively wake up the XBOX console。

6.Bluetooth application：

6.1 After power-on, switch to Bluetooth mode through rotary encoder E2, open the
    APP on the mobile phone, connect through Bluetooth, in Operation on the APP, can
    map each key function。

7.According to the use of the table：

7.1 The console can be attached to the right or left side of the steering wheel。

LEFT PORT

Right PORT

8. ATTENTINON:

8.1 Avoid strong vibration, do not disassemble, modify, repair.

8.2 Avoid storage in damp, high temperature, fume and other places.

8.3 Avoid water or other liquids entering the steering wheel, which may affect the
steering wheel function.

8.4 Children should use this product under adult supervision.

8.5 If you have any quality problems or suggestions, please contact the seller or
after-sales personnel.

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Attention:

   Type-c output port is only used for data transmission,not for output on-load.
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RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Federal Communication Commission Interference 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.

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 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.

FCC Caution:
➢ Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
➢ This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Radiation Exposure Statement:
The product is a low power device and its output power is lower than FCC SAR exemption level.

➢ **IMPORTANT NOTE:** In the event that this condition cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered

valid and the FCC ID <u>cannot</u> be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

➢

➢ **End Product Labeling**

➢ The final end product must be labeled in a visible area with the following: "**Contains FCC ID: XGB-231028WH**". The grantee's FCC ID can be used only when all FCC compliance requirements are met.

➢ **Manual Information To the End User**

➢ The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

Industry Canada statement

❶ This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
  1) this device may not cause interference, and
  2) this device must accept any interference, including interference that may cause undesired operation of the device.

❶ Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée 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.

❷ This Class B digital apparatus complies with Canadian ICES-003.

❷ Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

❸ This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

❸ Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

❹ The County Code Selection feature is disabled for products marketed in the US/ Canada.

❹ La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.

Attention：

To avoid risk of fire, please just connect the product to an power supply of which output capability is less than 15W.

Portable device:

Radiation Exposure Statement: The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual.

The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations : Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

UKCA Conformity:
Radio Equipment Regulations 2017 (S.I. 2017/1206)
Operating frequency range:2402-2480MHz
max power:-0.99dBm