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# User Manual

## 1. summary

A 4.3-inch retro handheld game console developed for customers, with RK3326 solution and added grip accessories for convenient vertical gaming.

## 2. Functional characteristics

- 2.1 Configure a 4.3-inch LVDS screen with a resolution of 800 \* 480.
- 2.2 Support inserting customized game cartridges for customers.
- 2.3 Button: D-PAD, SELECT, START, MENU, A,B,X,Y, Power button, volume button -, volume button+, left shoulder button(L1, L2), right shoulder keys (R1, R2), TETE touch keys; Flat A, flat B.
- 2.4 Added grip accessories to facilitate end users in playing vertical games.
- 2.5 Interface: 1 \* USB TYPE C port, 1 \* 3.5mm headphone jack.
- 2.6 Built in polymer lithium battery: 3000mAh.
- 2.7 Operating voltage: 3.5V-4.2V.
- 2.8 Low voltage alarm: below 3.4V.
- 2.9 Supports wireless WIFI, which can be upgraded by connecting to a wireless network, and also supports external output of Bluetooth speakers.
- 2.10 Plan (Main Control IC: RK3326+512MB DRAM+4GB FLASH).
- 2.11 FW can be upgraded through Type-C data cable.

## 3. Product schematic diagram:



#### 4. Function Introduction

- 4.1 Press the "power button" to turn on the device and enter the language selection page, where you can choose a language。



- 4.2 Press the "A" key to confirm, enter WiFi settings, select the WiFi network name you want to log in to, and press "A" to confirm。



4.3 Enter the WIFI password and press the "START" button to save. .



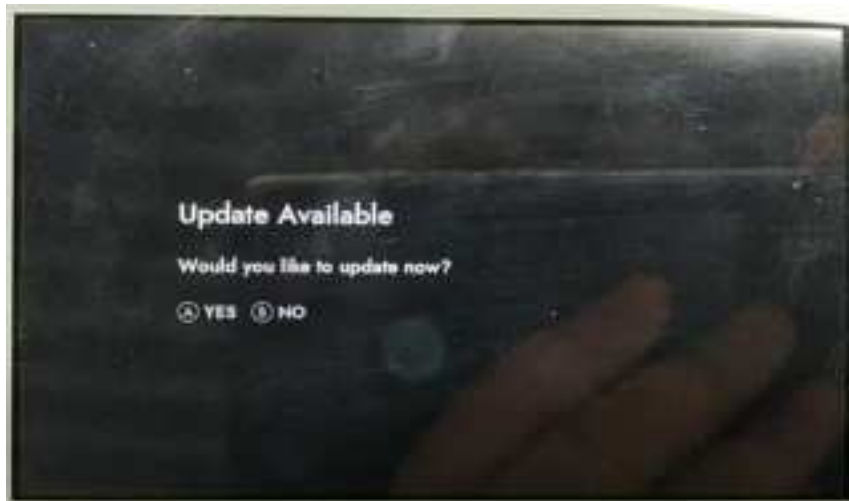
4.4 Enter the precautions and press the cross key to start reading. Only after reaching the bottom can you press the "A" key to continue.



4.5 Prompt whether to upgrade, selecting "A" indicates agreement to upgrade,

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selecting "B" indicates disagreement to upgrade.



4.6 Enter the main interface.

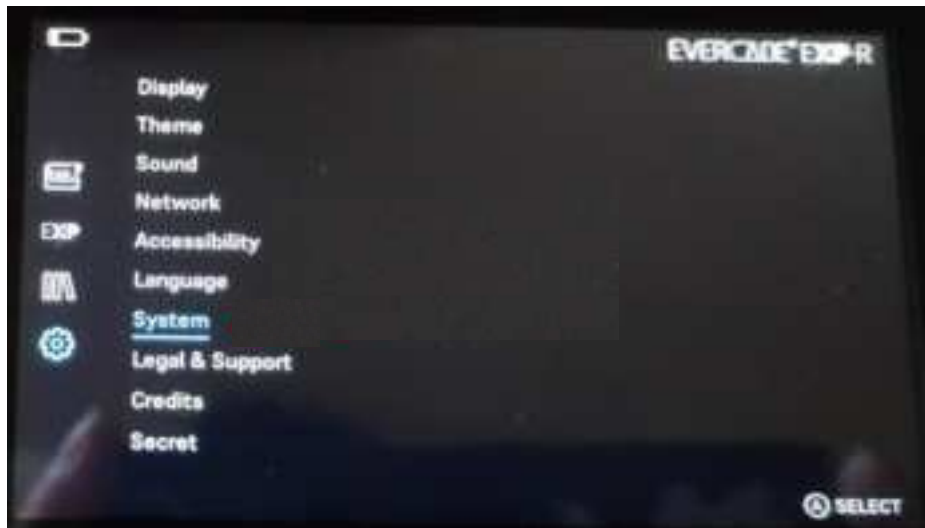


## 5. charging

5.1 Whether charging in the power on or off state: inserting the charging cable, the red light will turn on, and when fully charged, the green light will turn on.

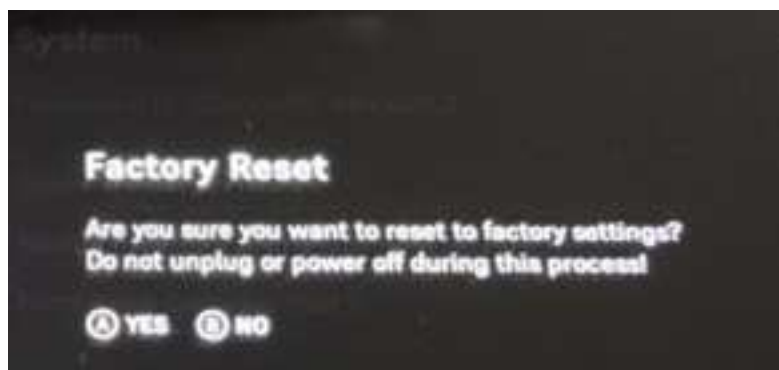
## 6.Restore factory settings

6.1 Enter the settings page, select "System" and press the A key.



6.2 Select "Factory Reset" on the following page and press the A key.

6.3 Press the A key to confirm on the following page, and the handheld device will restart. Entering the language selection interface means resetting to Power off and hand it over to the next workstation.



7. Supports 3.5mm plug headphone output (both types of headphones can be used as shown in the figure below)

## 8 current state

Test Status	Current
After booting up, in the game directory state	400-550mA
When entering the game and the volume is at its maximum	500mA-630mA

Current after shutdown	0 uA
Charging current	MAX 1A

## 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.

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.

### RF warning:

The device has been evaluated to meet general RF exposure requirement.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue.

The highest SAR value reported to the Federal Communications Commission (FCC) and the Innovation, Science and Economic Development Canada (ISED) for this device type when it is tested for the properly worn on the body is under 1g 1.6W/Kg. The minimum usage distance is 0mm for FCC/ISED.