

PortKeys LH7H

User Manual



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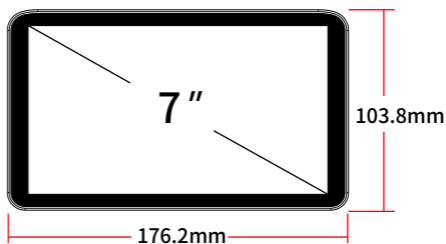
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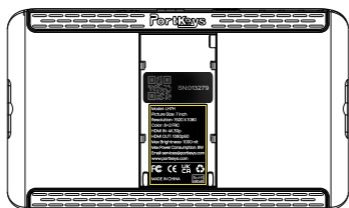
Product Introduction



Touch Screen Lock Power Switch



Custom Function Keys Battery Lock



Audio Headphone Output

DC 7~24V 1/4" Threaded Insert



HDMI IN USB-A HDMI OUT



1/4" Threaded Insert



Operating temperature range: 0 °C ~ 40 °C

Packing List

LH7H Monitor X1

Micro USB Flash Drive X1

Safety Box X1

Customer Feedback Card X1

Screen Cleaning Wipe X1

A to A HDMI Cable X1

Basic Parameters

Screen Size	7"
Color Gamut	Rec.709
Resolution	1920x1080
Brightness	1000nit
Contrast Ratio	1000:1
Dimension	176.2x103.8x18.4mm
Weight	245g
Viewing Angle	85 /85 /85 /85
Material	PC+ABS
Input Voltage	7-24V
USB-A	Upgrade Firmware /Load LUT
Support Battery Model	SONY NP-F970/F960/F750/F550
Maximum Power	8W
Fan	Quiet

Signal Specifications

Supported input resolution and frame rate

HDMI Signal

4096×2160p@24Hz

3840×2160p@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz

1920×1080p@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz

1920×1080psf@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz

1920×1080i@50Hz, 59.94Hz, 60Hz

1280×720p@50Hz, 59.94Hz, 60Hz

720×576p@50Hz

720×576i@50Hz

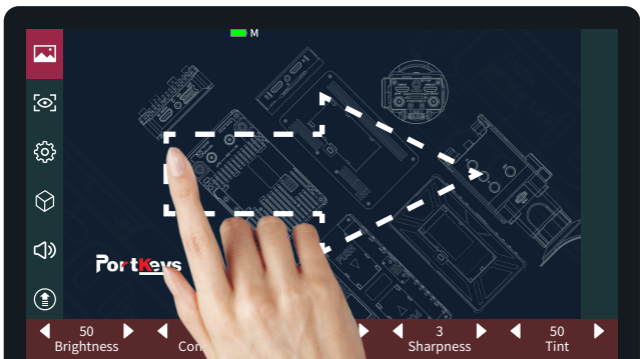
720×480p@50Hz, 59.94Hz, 60Hz

720×480i@50Hz, 59.94Hz, 60Hz

Supported output resolution and frame rate

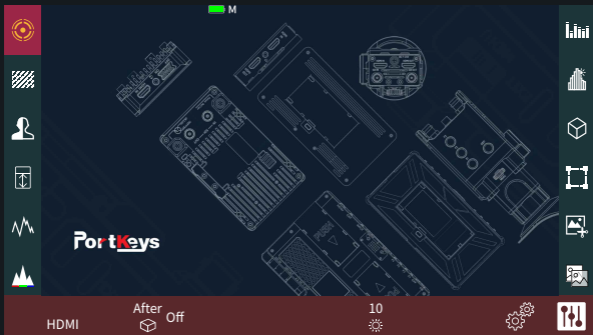
HDMI Signal

1920×1080p@60Hz

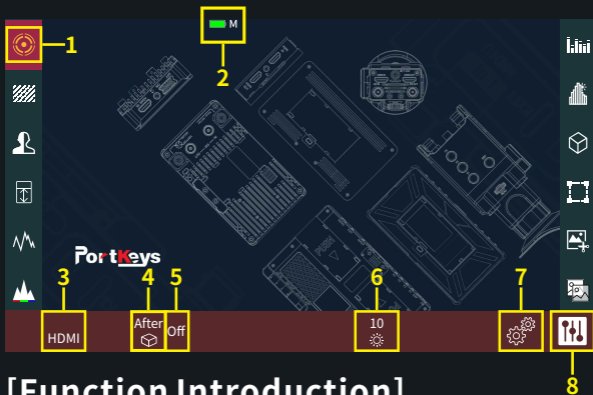


[Function interface gesture switching]

Swipe right on any interface to adjust to the function setting interface;

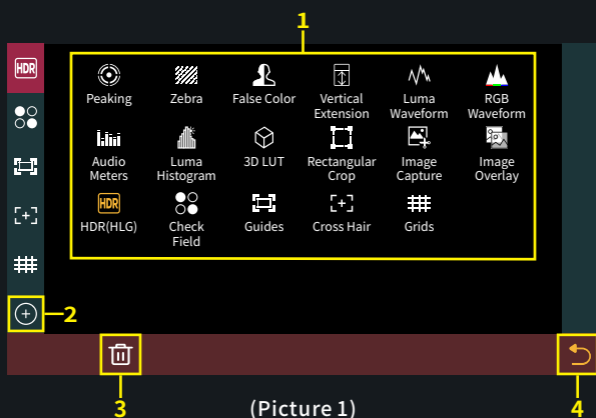


(the function setting interface)



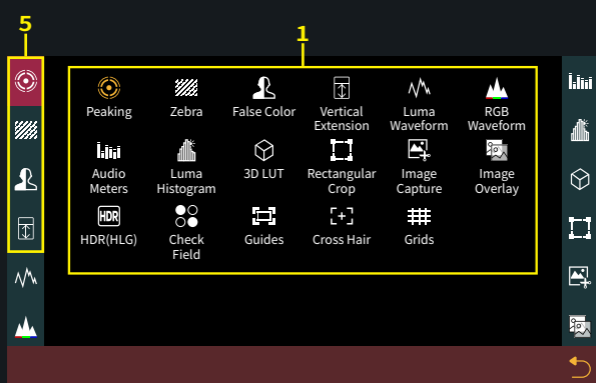
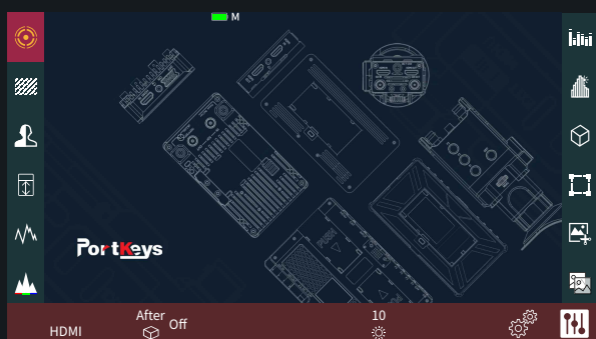
[Function Introduction]

1. Software Features;
2. Battery Level;
3. HDMI Signal;
4. Loading 3D LUT Before and After Data;
5. 3D LUT ON/OFF;
6. Screen Brightness (1-10);
7. Quickly Enter the Software Function List;
8. Quickly Enter the Software Debugging;

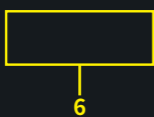


[Custom Function Keys Settings]

1. Select the function icon to replace;
2. Click “+” add shortcut functions to the left and right sides; If the function icons on the left and right have been added (Picture 2); You can swipe down in the shortcut function title area to continue adding.
3. Select the function icon and click “🗑️” to delete;
4. “↶” Return key;




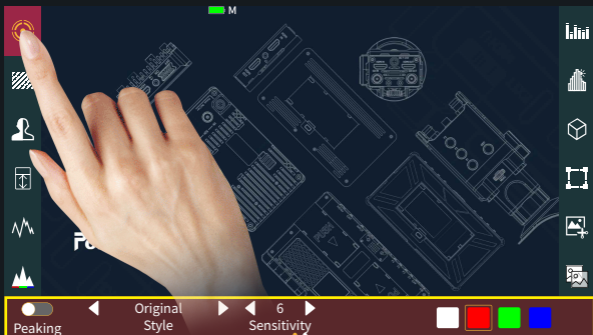
5. The first four functions are F1-F4 shortcut functions by default. You can swipe left/ right to enter the function menu to change the custom functions (Picture 3);




6. After F keys setting is completed, F1-F4 keys on the monitor can be used to turn on/off the functions (Picture 4);

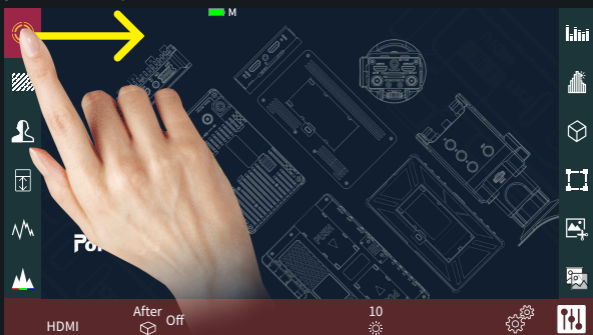
[Basic Operation]

Long press “”, the function parameter setting shows at the bottom(Picture 5);




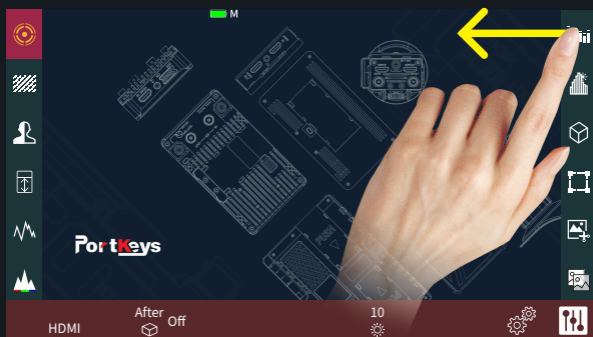
(Picture 5)

Swipe the icon “” to the right and enter the function menu, you could replace or delete functions(Picture 6);

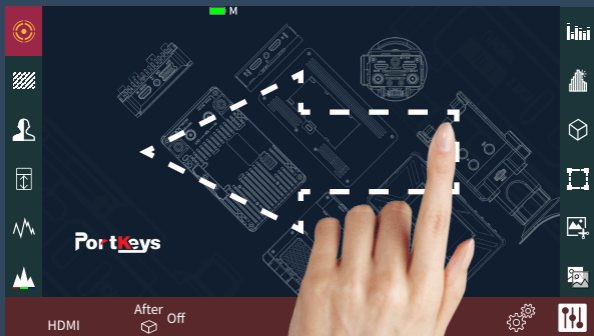


(Picture 6)

Swipe the icon “” to the left and enter the function menu, you could replace or delete functions(Picture 7);

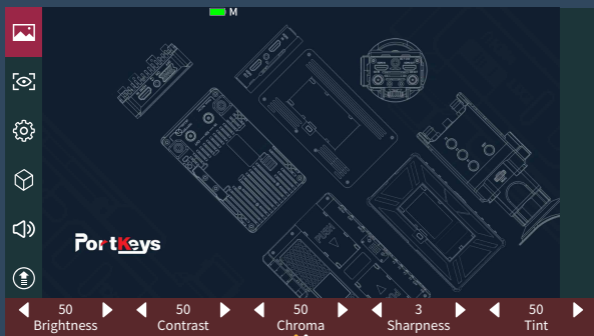


(Picture 7)

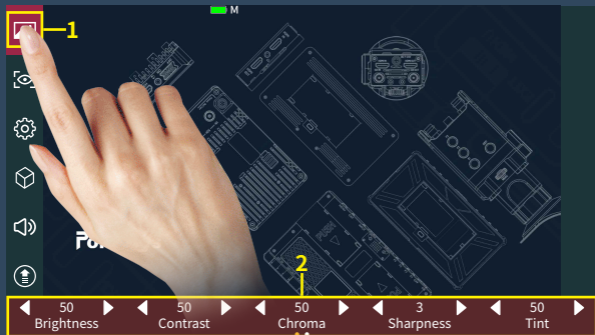


[Settings interface gesture switching]


Swipe left on any interface to adjust to the system settings interface;

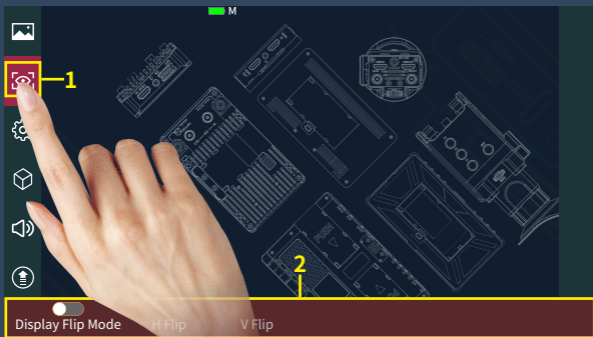


(the system settings interface)



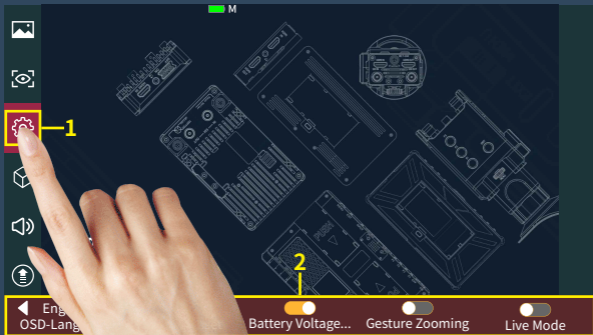
[Image Settings] 4

1. Click “” ;
2. Parameter setting information ;
3. Parameter setting information (Next page) ;
4. Display the number of the page of Image parameter setting ;
Swipe left or right in the bottom information area to switch pages ;



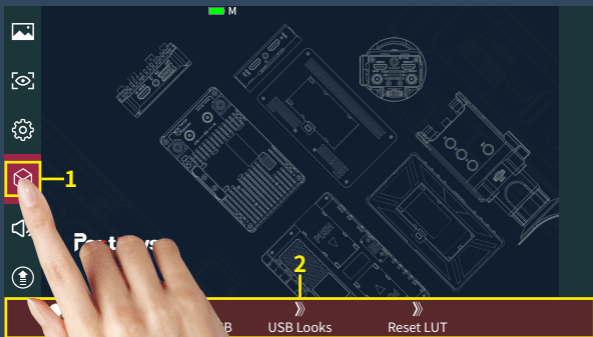
[Display Flip Settings]

1. Click “” ;
2. Display flip setting information ;



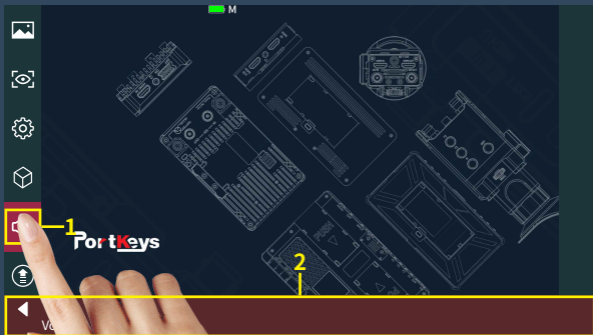
[System Setting]

1. Click “⚙️”;
2. System parameter setting information;



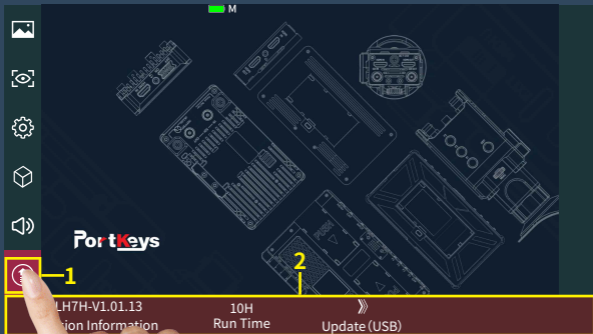
[3D LUT Setting]

1. Click “”;
2. 3D LUT setting information;



[Volume Setting]

1. Click “🔊”;
2. Volume setting information;



[Version Setting]

1. Click “⚡”;
2. View version information and upgrades;

Warning:

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

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.

RF Exposure Statement

This equipment complies with FCC 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 & your body.

6. Set Up Photos-15C

I can not find the blow 1GHz test setup photo and AC line conducted emission setup photo.

Please provide.

For AC line conducted emission :

"If the EUT normally receives power from another device that in turn connects to the public utility ac power lines, measurements shall be made on that device with the EUT in operation to demonstrate that the device continues to comply with the appropriate limits while providing the EUT with power. If the EUT is operated only from internal or dedicated batteries, with no provisions for connection to the public utility ac power lines (600 VAC or less) to operate the EUT (such as an adapter), then ac power-line conducted measurements are not required."

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.

7. BLE-test report

For AC line conducted emission :

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.

8. A3-TZ2009001675-E2 BT

1).product name is incorrect.

Product Description

Trade Mark: TECNO

Product name: Mobile Phone

Model No: A3

Standards: FCC Rules and Regulations Part 15 Subpart C Section 15.247 ANSI C63.10;2013

2).For AC line conducted emission :

The earphone normally receives power from charge box that in turn connects to the public utility AC power lines.so line conducted emission need to tested.