Portable Touch Display

*Touch and non-touch versions share a common instruction manual

Product Manual
S150

 Safety information

Before setting up this device, please read carefully all the documents attached to the product packaging.

Personal factors have been fully taken into account in the design of this device, but incorrect usage may lead to electrical shock and fire. In order not to damage the security components inside the display, please make sure to comply with the following precautions while installing, using and maintaining this device.

• *To prevent fire or electrical shock hazards, do not expose this device to rain or moisture.*

• *Before using this device, make sure all cables are correctly connected and the power cable is not damaged. If there is any damage, please contact the distributor immediately.*

• *Avoid dust, humidity and extreme temperature. Do not place this device in any area where it may become wet. Please place the device on a stable surface.*

• *Do not insert any object or make any liquid splash into the opening of the cabinet of this device.*

• *Please use the power cable provided with the display. If another power cable is used and is not provided by the distributor, please confirm whether it meets the relevant national standards. If the power cable is damaged, please contact the distributor immediately.*

• *Please use the power supply with a voltage of 5V and a current of 2A or above. Mobile phone chargers, power bank and USB 3.0 interfaces that meet the requirements of power supply can be used to power the display. Do not use the power supply with lower than 5V/2A to power the device. If you have questions related to the type of power supply, please contact the distributor.*

• *Do not try to open the rear cabinet of the display. There are no parts in the machine that users can repair. If the display malfunctions, please contact your distributor.*

In order to avoid personal injury, please observe the following precautions:

• *Do not place the display on an inclined table unless there are safety measures.*

• *Do not drop, click or throw objects/toys onto the screen, otherwise it will result in personal injury, product damage and screen damage.*

In order to prevent fire and other injuries, please observe the following precautions:

• Please turn off the display when you leave the room for a long time.

• Do not allow children to drop or insert items into the display.

• Do not install accessories that are not specifically designed for the display.

• When the display is unattended for a long time, please disconnect the power cable.

• When there is thunder and lightning, please do not touch the power cable and signal line, which may lead to electrical shock.

• Do not let anything press or tangle the power cable.

• Do not place the display in a place where the power cable could be easily damaged.

In order to prevent the display from potential damages, the following situations should be avoided.

• Place the display in a place where it falls easily.

• Place the display near the radiators or other heat sources.

• The power cable is the main power isolation device, which must be placed in an easy-to-operate location.

Do not rub the screen panel with hard objects, or you will scratch or permanently damage the LCD.

Do not press the LCD screen with your fingers for a long time, otherwise afterglow will occur and the screen will be damaged in serious cases.

Bad dots of red, green and blue pixels may appear on the screen, but the display function is not affected.
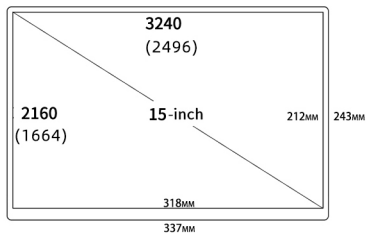
If possible, use the recommended image resolution for best results. If any mode other than the recommended image resolution is used, an abnormal picture may occur. However, this is a characteristic of LCD panel with fixed image resolution.

Still image staying on the screen for a long time may cause damage to the screen and produce afterimage. Please make sure to use the screen saver. The afterimage and related problems are not covered by the warranty.
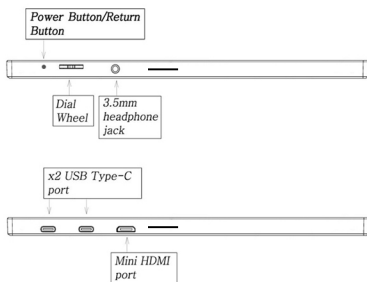
If you encounter any problem during your use, please contact the professional technical service personnel or distributor.

Introduction to display

3240
(2496)

2160
(1664)   15-inch   212ᴍᴍ 243ᴍᴍ

318ᴍᴍ
337ᴍᴍ

10mm

Power Button/Return
Button

Dial
Wheel

3.5mm
headphone
jack

x2 USB Type-C
port

Mini HDMI
port

Introduction to buttons

• The function button adopts the design of **dial wheel** and is provided with an independent **power button/return button**.

• Press the **power button/return button** for 3 seconds to turn on/off the display.

• Press the **dial wheel** to open the OSD(On-Screen Display)menu of the display. In the menu, move the **dial wheel** upwards and downwards to control the cursor. Press the dial wheel to confirm, and press the power button/return button to return.

• Move the **dial wheel** upwards to open the brightness shortcut adjustment menu and move upwards and downwards to control the brightness.

• Move downwards the **dial wheel** to open the volume shortcut adjustment menu and move upwards and downwards to control the volume.

USB Type C full-function interface: is responsible for power supply of display, audio and video signal transmission, touch signal transmission, and support for insertion function from both sides.

USB Type C power supply interface: provides support for external power supply and reverse charging function, is compatible with PD2.0 power supply protocol, and supports 5V-20V protocol power supply (5V/3A is recommended).
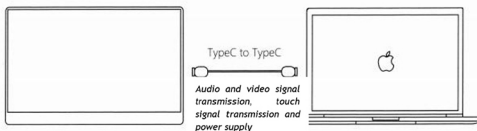
Mini HDMI port: is responsible for audio and video signal transmission

3.5mm headphone jack: refers to headphone/speaker extension connector

Device connection

1. **Connect the computer with full-function Type-C interface**

TypeC to TypeC

Audio and video signal transmission, touch signal transmission and power supply

The display supports connecting full-function USB3.1 Type-C interface with standard wires for extended display or duplicated display. The touch version 150HDR can perform touch operation on the display (system support is required. Some systems are optimized for touch control and can be used in Windows 10. Please consult the distributor for details.)

2. **Connect the mobile phone with TV-out function**
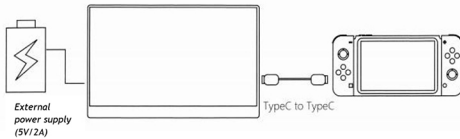

External power supply (5V/2A)

TypeC to TypeC

The display supports connecting the mobile phone with standard Type- C to Type-C cable, and outputting the screen content of the mobile phone or customizing the UI interface according to system settings.

* When there is no external power supply, the mobile phone battery can be used to supply power to the display (the energy-saving mode is started. The brightness is automatically adjusted to 30%, and the user can adjust the brightness and volume of display according to the output power of the mobile phone.)

* When the external power supply is used, the display can charges the mobile phone reversely through the external power supply (in order to ensure that both the display and the mobile phone can get enough working current, please use charger or power bank with at least 18W or above as the external power supply; higher voltage charger can be able to quick charge your mobile phone).

3. Connect Nintendo Switch

External power supply (5V/2A)
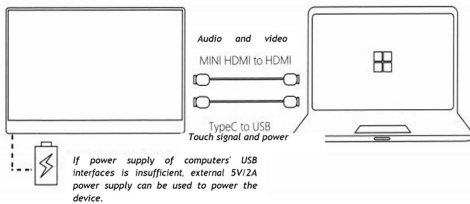
TypeC to TypeC

When external power supply is connected, *the display supports connecting the Switch host with standard Type- C to Type-C cable and switching on the Switch TV mode;*

When external 5V power supply is connected, *the external power supply supplies power to the display. The Switch uses its internal battery to run the program and the display output is 720P.*
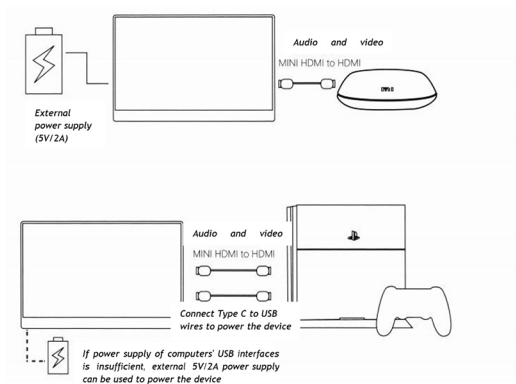
When external 15V PD protocol power supply is connected, *the external power supply supplies power to both the display and the Switch. The battery of the Switch body is in a charging state, and the display output is 1080P*

4. Connect the computer with HDMI interface

Audio and video
MINI HDMI to HDMI

TypeC to USB
Touch signal and power

If power supply of computers' USB interfaces is insufficient, external 5V/2A power supply can be used to power the device.

The display has a Mini HDMI interface and is compatible with most HDMI devices. The device can be powered on by using computer's USB 3.0 power supply (Note: power output by some computers' USB interfaces may be insufficient) and external 5V/2A power supply to power the computer. (For touch screen model, please use an USB A to C cable to connect the device and the computer.Users may need to equip USB type A to type C cable by themselves.)

5. Connect multiple HDMI devices

Remarks:

• *The right Type C interface is a full-function USB3.1 interface with power supply function.*

The left Type C interface is an auxiliary power supply interface. In general, please preferentially select the right Type C interface to power the device.

• **When connecting HDMI cable externally**, *please connect power supply first, then connect HDMI to ensure normal signal transmission.*

• **When a single cable is connected to the type-C interface on the right**, *the energy-saving function of the display will be activated, and the brightness will be automatically adjusted to 30% to ensure power supply and save device power. Users can adjust the brightness according to actual usuage.*

⚠️ Common problems and treatment

Q: The display's light does not work, and the power indicator light also does not work.
A: Press the power button to check whether the display is in the start-up state; Check that the USB cable is properly connected to the display and power supply interface.

Q: The display's light does not work, but the power indicator light is red.
A: Check whether the display and the connected device are in the start-up state; ensure that the USB cable is correctly connected between the display and the connected device; Check the signal line to ensure that no pins are bent. Try to connect other device and eliminate the fault of device; if the fault still exists, Please contact the distributor or after-sales service staff to resolve the issues.

Q: No signal is displayed on the screen
A: Check whether the signal line is correctly connected to the interface of the connected device; Try to plug and unplug the cables again. The order of line connection should be to connect the power supply first and then the signal line.

Q: Image jumping or ripple-like pattern on the display.
A: Ensure that the cable is correctly connected between the display and the connected device; Remove any electronic device that may cause electronic interference.

Q: The color of the screen image looks incorrect (color block, color deviation, etc.) A: Check the connected cables to ensure that no pins are bent.

Q: The screen flickers when displaying content
A: If the screen flickers, we need to consider firstly whether the power supply is adequate. It is recommended that the power adapter of 18W or above should be used for power supply of the display. If the power supply is normal, but the screen flicker issues persist, it is recommended to contact the distributor or after-sales center.

 Maintenance and cleaning

• Turn off the display and unplug the power cable. Clean the display surface with a non-linen, non-abrasive cloth. Wet the cloth in a neutral detergent and removes the stubborn stains.

• Do not use detergents containing alcohol or acetone. Use special cleaner used for liquid crystal screen. Do not spray the detergent directly on the screen, otherwise the detergent may permeate into the display and cause electric shock.

The following phenomena are normal for displays:

• You may find that the brightness on the screen is slightly uneven, which is related to the desktop pattern you are using.

• After the same image is displayed for several hours, the image displayed on the previous screen may remain when switching images. The screen will slowly recover, or you can turn off the display for several hours.

• Please contact your distributor or service center for repairs when the screen turns black or flickers or . Do not try to repair the screen yourself!

Repacking

• Do not throw away the used EPE (Expandable Polyethylene) and carton box. When there is a need to send back the product for replace or repair, please repack the display back to its original state.

Treatment

• The fluorescent lamp of the display contains trace amounts of mercury.

• Do not dispose the product as ordinary household waste.

• The disposal of products must be handled in accordance with local regulation

After-sale service

Products are warranted for one full year.

• Within 7 days from the date of purchase, the consumer may choose to return, replace or repair the goods in case of any of the faults listed in the Performance Failure Table for Commodity of Microcomputers.

• Within 15 days from the date of purchase, the consumer may choose to replace or repair the goods in case of any failure listed in the Performance Failure Table for Commodity of Microcomputers

• Within one year from the date of purchase, the consumer can choose to repair the goods in case of any faults listed in the Performance Failure Table for Commodity of Microcomputers

The following circumstances are not covered by "Three Guarantees" (for repair, replacement or compensation of faulty products):

• The valid period of "Three Guarantees" is exceeded.

• Failed to provide valid voucher and invoice of "Three Guarantees".

• The contents of the invoice are altered or inconsistent with the actual identification of the product.

• There are 3 or less bad spots, 3 or less bright spots, and the total number of 5 or less bad and light spots on the screen.

• There is damage caused by failure to use, maintain and repair the product in accordance with the requirements of the product instruction manual (man-made damage)) or damage caused by removal by non-professional repairman (unauthorized removal and repair).

• Goods that are sold outside of mainland China (excluding Hong Kong, Macao and Taiwan)

* In order to protect your legitimate rights and interests and avoid unnecessary losses, please select the paid services to remedy the failure or damage of the display caused by the following reasons, but not covered under the warranty.

• The warranty period is exceeded.

• There are scratches, bumps, deformations, sags on the liquid crystal panel.

• The product has been removed or repaired by any unauthorized service center or personnel

• Damage caused by accidental or human factors and external forces (including misoperation, handling, collision, input of inappropriate voltage, etc)

• Damage caused by use of non-standard or unpublished software or non-standard related computer components (e.g. Graphics card).

• *Damage caused by force majeure such as natural disasters (e.g. earthquake, fire, flood, etc.)*

For services beyond the scope of the free warranty, Afee may be applied. (Calculated fee =

Technical Service Fee + Fee of Replacement Parts).

The company reserves the right to interpret and/or amend all the above provisions without prior notice. In case of disputes, the "Provisions on the Responsibility of Repair, Replacement and Refund of Commodity of Microcomputers" shall prevail.

*The touch and non-touch versions share a single manual. The touch function is only available for the touch version!

The touch version of the monitor adds Apple touch gestures, an OSD menu, and a two-finger slide-out menu in the lower right corner.
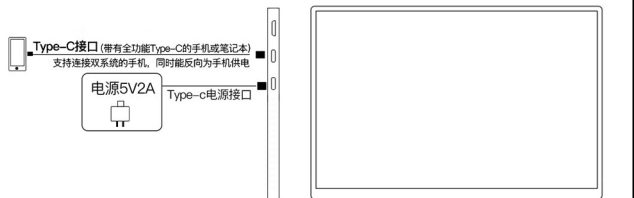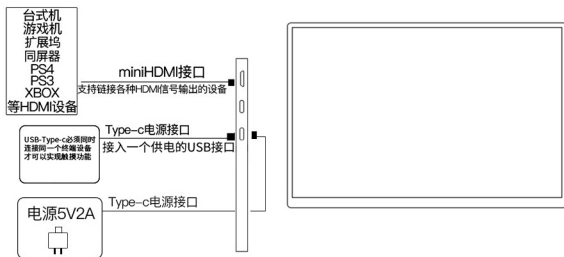
高清便携触控显示器

*4K/2.5K触摸版和非触摸版共用一个通用的说明书

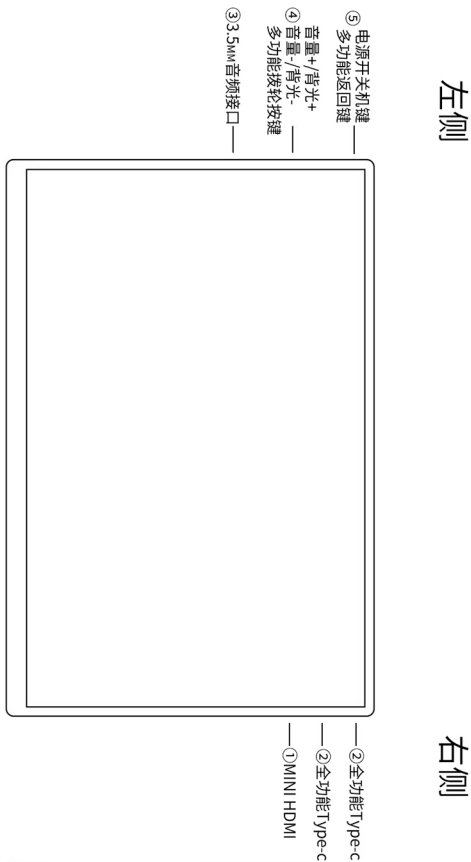# 使用说明书

1.连接表示图

*全功能一线通接中间C口，所有接口都在显示器侧边上方。

Type-C接口 (带有全功能Type-C的手机或笔记本)
支持连接双系统的手机。同时能反向为手机供电

电源5V2A

Type-c电源接口

使用Type-C传输

*全功能一线通接中间C口，所有接口都在显示器侧边上方。

台式机
游戏机
扩展坞
同屏器
PS4
PS3
XBOX
等HDMI设备

miniHDMI接口
支持链接各种HDMI信号输出的设备

USB-Type-c必须同时
连接同一个终端设备
才可以实现触摸功能

Type-c电源接口
接入一个供电的USB接口

Type-c电源接口

电源5V2A

使用HDMI

注意事项：选择正确的信号源与接口，按照正确的连接方法，接入后如未能正常使用，请重新启动手机或电脑。低电量的情况下请连接另一个Type-c接口供电续航，一线通连接，必须要有type-c的3.1及以上的协议才可以正常使用。

2. 产品接口说明（见下图）

左侧

⑤ 电源开关机键
多功能返回键

④ 音量+/背光+
音量-/背光-
多功能拨轮按键

③ 3.5mm音频接口

右侧

② 全功能Type-c
② 全功能Type-c
① MINI HDMI

图形接口示意图

3.按键使用

④按键为设定和功能选择键，可进入设定界面，同时上下拨动能进
　行参数调整等功能。
⑤按键为返回键，长按则为开关电源键。

4.接口使用

① 接口为miniHDMI接口，支持连接各种HDMI信号输出的设备
②接口为Type-c接口，支持Type-c全功能输出的电脑和手机。支持连
　接双系统的手机，同时能反向为手机供电(两个Type-c接口可盲插)
③接口为3.5mm的音频输出接口。

5.指示灯状态说明

(1)指示灯常亮：信号源连接正常，Type-C或HDMI正常工作。
(2)指示灯灯不亮：信号源连接异常，没有接通Type-C的手机或笔
　记本电脑。

新增功能：

触摸显示器支持苹果笔记本，MAC主机的触摸。
触摸显示器新增了OSD菜单、苹果触控手势、
右下角双指下滑出菜单等功能。

6. 支持手机型号

华为 荣耀	Mate10,Mate10pro,MateRS,Mate20,Mate20 pro,Mate20X, Mate2RS,Mate30,Mate30Epro,Mate30RS ,Mate30 pro, Mate40,Mate40 E,Mate40pro,Mate40pro+, Mate40Rs保时捷, MateX2,P20,P20pro,P30,P30pro ,P40,P40pro,P40pro+,P50, P50pro　　V20,荣耀note10 及更高版本
锤子	R1,R2,Pro2S,Pro3 及以上
OPPO	R17 PRO及以上
三星	S8,S8+,S9,S9+,S10,S10+,S10e,S20,S20+ ,S20Ultra,S21,S21+, S21Ultra,note8,note9 ,note10,note10+,note20,note20Ultra, Fold1 ,Fold2,Fold3 及更高版本
更多机型	触摸的升级版支持苹果笔记本，mac的触摸。

7. 支持笔记本电脑型号

苹果	MacBook 12英寸、MacBook Pro、MacBook Air、iPad Pro 2018
华为	MateBook、MateBookX、MateBookXPro、MateBookE
荣耀	Magic
小米	Air 12.5/13.3英寸、Pro15.6英寸、小米游戏本
联想	Yoga5 Pro、ThinkPad_Xl Carbon 2017、Miix 720
惠普	Pavilion x2、EliteBook Folio G1
戴尔	XPS13、XPS15
谷歌	ChromeBook Pixels、 PielBook Pen
雷蛇	Blade Stealth灵刃/灵刃潜行版
微软	Surface Book 2 全系列
华硕	灵耀3、U306、U321系列、U4100、ROG系列
更多机型	兼容以上电脑的更新的版本

8.基本参数

基本参数	
产品类型	S150便携触摸显示器
产品定位	便携实用 办公娱乐
屏幕尺寸	15英寸
最佳分辨率	3240NTSC*2160 /2496*1664
屏幕比例	3:2
高清标准	4K /2.5K
面板类型	IPS全视角
背光类型	W-LED背光
接口	
电源	TYPE-C
数据	TYPE-C 、MINI HDMI
视频	TYPE-C、MINI HDMI
电池	不带电池
外观设计	
规格大小	产品尺寸：337*243*10MM
机身颜色	锖色/白色/红色
外观设计	超薄机身
产品重量	净重：900g
其它	
性能	1、支持华为、三星、OPPO、锤子等部分手机扩展显示和同屏显示。 2、Type-C接口支持手机、电脑一线同屏。 3、可用来配搭windows 10系统，有HDMI口输出的设备作双屏幕显示，支持HDMI 4k输入。(触摸版本中：苹果笔记本手势触摸可选。支持mac系统的触摸) 4、支持PS4/PS3/XBOXOEN/SWITH等游戏设备。(游戏设备暂不支持触摸功能)

以上为基本参数，需要详细参数可与我们联系。

尊敬的客户，感谢您购买我们的便携式高清显示器产品!请您在使用前，先按下面的清单逐一检查产品的配件。

9. 标配清单　(触摸版和非触摸版为同一说明书跟配件)

显示器主机	1
Mini HDMI TO HDMI	可选
Type-C TO Type-C	1
USB TO Type -C	1
使用说明书	1
合格证	1

购买产品时请注意对照是否有缺失、损坏，如有疑问，请立即与我们联系，最终解释权归我公司所有。

★:使用HDMI连接显示器，需插上USB to Type-c的线。
　全功能一线通和UBS数据线都需要插中间C口。

10. 便携显示器产品三包规定说明

真诚地感谢您购买了此款便携高清显示器产品，您将享受到我们为您提供的售后服务。为保证您的权益，现公司对售后的服务承诺如下，敬请详细阅读:

产品执行国家三包规定:7日包退，15日包换，1年保修。

1. 产品免费保修期为1年，自购买日起计算。

2. 在保修期内因质量问题出现故障，用户凭三包凭证享受保修服务。

3. 下列情况不实行三包，实施有偿维修:

A. 由于人为损坏，操作不当或不可抗力之自然灾害造成的故障。

B. 自行对产品进行改造、分解、组装造成的故障。

C. 超过三包有效期。

便携高清显示器保修卡

产品型号 _____

制造编号 _____

销售日期 _____

销售单位 _____

销售电话 _____

客户姓名 _____

客户地址 _____

客户电话 _____

E–MALL _____

邮政编码 _____

街头光电始终致力于产品性能和功能的创新及改进，基于该原因，产品技术规格亦会相应改变。
上述情况恕不另行通知，本公司保留修改权与最终解释权。