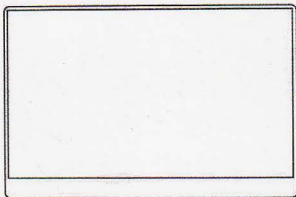


ST01-156A

Portable Flat-panel Display

Product Manual



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.

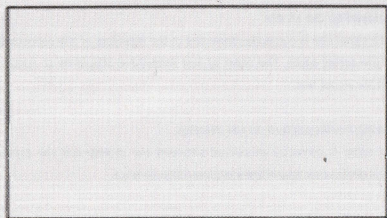
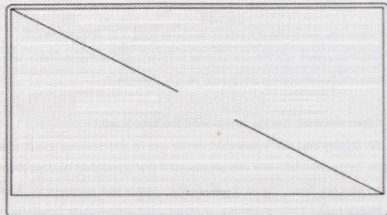
If possible, use the recommended image resolution for best results. If any mode other than the recommended image resolution is used, an abnormal picture may occur. However, this is a characteristic of LCD panel with fixed image resolution.

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



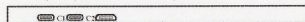
Power Button/Return Button



Dial Wheel

Micro USB port

C1:USB-C 5V
C2:USB-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).

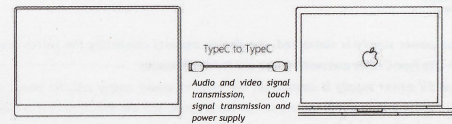
Mini HDMI port: is responsible for audio and video signal transmission

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



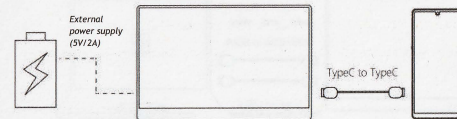
Device connection

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



The display supports connecting full-function USB3.1 Type-C interface with standard wires for extended display or duplicated display. The touch version ZB156 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

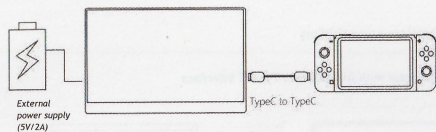


The display supports connecting the mobile phone with standard Type-C to Type-C cable, and outputting the screen content of the mobile phone or customizing the UI interface according to system settings.

* 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 charge 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

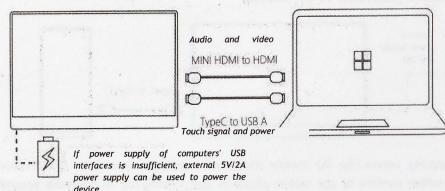


When external power supply is connected, the display supports connecting the Switch host with standard Type-C to Type-C cable and switching on the Switch TV mode;

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.

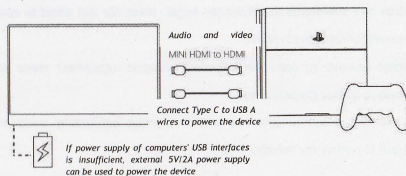
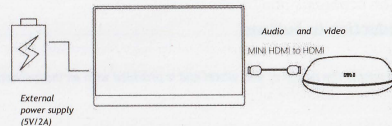
When external 15V PD protocol power supply is connected, the external power supply supplies power to both the display and the Switch. The battery of the Switch body is in a charging state, and the display output is 1080P

4. Connect the computer with HDMI interface



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 usage.



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 black, 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.