7inch HDMI Display-(S)

User Manual

【Product Description】

- 7,, standard display, IPS, 1024 × 600 Hardware resolution, Up to 1920x1080 software configuration resolution
- Capacitive touch screen, maximum support 5 point touch
- Tempered glass touch panel, hardness up to 6H, more durable and more scratch resistant
- A breathing light is built into the front panel to indicate the working status
- The front panel has a set of hidden touch buttons that allow for one-click backlight brightness adjustments
- Comprehensive shell care
- **Stereo speakers** and **3.5mm headphone jack**, support HDMI audio input, Headset audio output
- Can be used as general-purpose-use HDMI monitor, for example: connect with a computer HDMI as the sub-display
- Work as a PC monitor, support **Win7**/**Win8**/**Win10** system, 5 point touch ,free drive
- Support **Raspberry Pi**/**BB Black**/**Banana Pi**/**Jetson Nano** and so on
- Used as a **Raspberry Pi** display that supports **Raspbian**/**Ubuntu**/ **Kali-Linux**/ **Kodi**/**win10 IOT**, single-touch, free drive
- As the display of game console, it supports **PS4**, **Xbox 360**, **Switch**, etc
- **CE**, **RoHS** certification

【Product Parameters】

- Size: 7.0 (inch)
- SKU: MPI7008
- Type: IPS
- Resolution: 1024 × 600 (dots)
- Touch: five-point capacitive touch
- Dimensions: 180.0x125.0(mm)
- Weight: 510 (g)

【Hardware Description】

- Dimensions:

- Built-in buttons, the functions are as follows:

KEY	DESCRIPTION
BREATHING LIGHT	short press once, the backlight brightness reduce by10%, after reaching10%, it will start to cycle from 100%; Long press3seconds, backlight off; short press again, Restore the brightness before·
⏻	when there is HDMI signal, press the button, the system starts up, andthe breathing lamp turns blue and slowly flashes. press again, the system s huts down, the breathing light turns red and slowly flashes·
Menu	open/close the system settings Menu; Return
⏯	shortcut keys, Mute; In the system settings Menu, confirm
⏮	shortcut key, backlight brightness increase; Inthe system settings Menu, up
⏭	shortcut key, backlight brightness reduction; In the system settings Menu, Down
🔉	shortcut key, volume reduction; In the system settings Menu, Left
🔊	shortcut key, volume increase; Inthe system settings Menu, Right

*without HDMI signal, you won't be able to use the system settings Menu and volume related shortcuts,

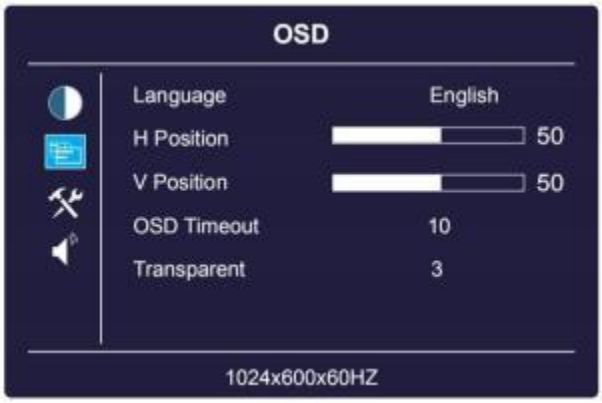
*when using the speakerexternal releasefunction,you need to connect to the powER interface with an external power supply. otherwise, the display flicker, sound distortion and even shutdown may occur due to insufficient powER supply.

【OSD】

color

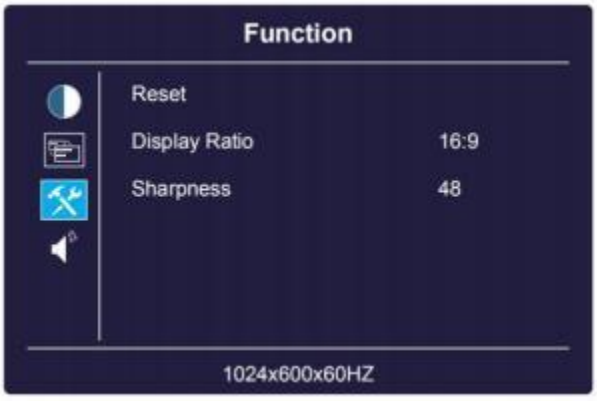
· Brightness: The adjusting range is from oto100.
· Backlight:The adjusting range is from oto100.
· contrast:The adjusting range is from oto100.
· saturation: The adjusting range is from oto100.
· color Temp:Adjust the colorTemp mode 9300K/6500K/USER

OSD



· Language: selecttheosD language. The selections: English,simplified chinese, French, Italian, German,spanish,Traditional chinese, Japanese, korean and Russian.
· H Position:Adjust the horizontalposition of osD menu and the adjusting range is from oto100.
· v position: Adjust the vertical position of osD menu and the adjusting range is from oto100.
· OSD Timeout:Adjust osD timeout from0(off)to 60 S.
· Transparent:Adjust the transparencyofosD Menu and adjusting range is from oto7.

Function

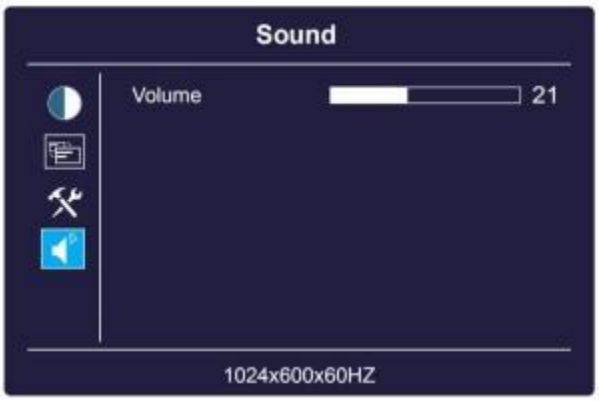


· Reset:selects "yes" to revert all settings to the factory default mode.
· Display Ratio:Adjust the display ratio mode to l6:9,4:3or Auto.

· sharpness: Adjust the picture sharpness. The adjusting range is from oto100.

sound

· volume:Adjust thevolume inthe range of 0-100.



【How to use with Raspbian/Ubuntu Mate/Kali Core System】

◆ **Step 1**, Install the official image

1) Download the official image file of Raspberry Pi:

Raspbian: https://www.raspberrypi.org/downloads/raspbian/

User name：pi Password：raspberry

Ubuntu Mate:https://ubuntu-mate.org/download/

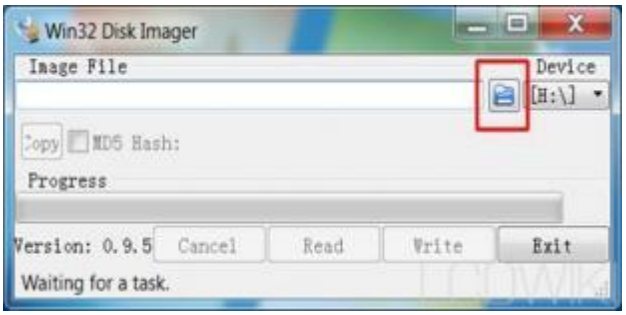
The user name and password can be set by yourself

Kali-linux-arm: https://www.offensive-security.com/kali-linux-arm-images/

User name：root Password：toor

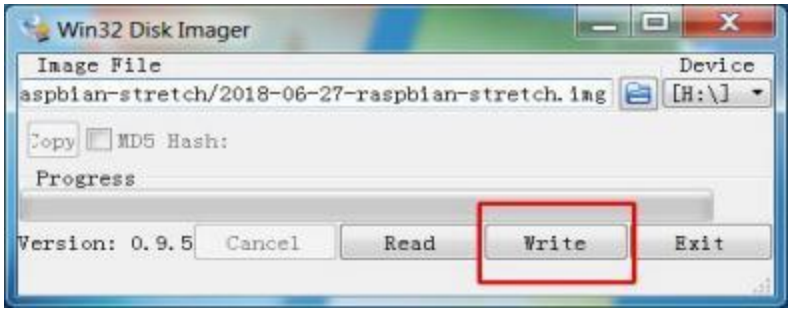
2) Insert the Micro SD Card into the computer, open the **SD Card Formatter** software and format the Micro SD Card.

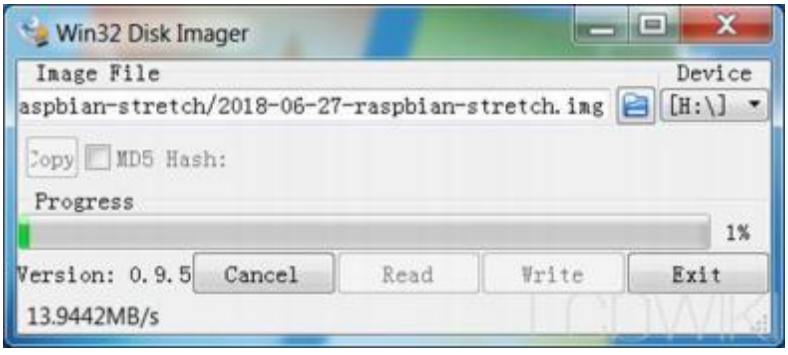
3) Open **Win32DiskImager**



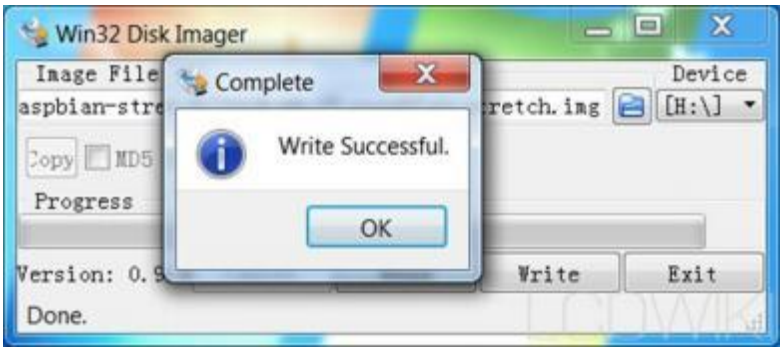
4) Different systems select the corresponding image file

5) Burn the image file





6) Burning process about 10 minutes, see the following screen, indicating the successful burning.



◆ **Step 2**, Modify the **config.txt** configuration file

Open the config.txt file in the root directory of the Micro SD card and insert the following code at the end of the file to save and safely exit the Micro SD card

```
hdmi_force_edid_audio=1
max_usb_current=1
hdmi_force_hotplug=1
config_hdmi_boost=7
hdmi_group=2
hdmi_mode=87
hdmi_drive=2
display_rotate=0
hdmi_cvt 1024 600 60 6 0 0 0
```

◆ **Step 3**, Plug the Micro SD card into the Raspberry Pi, Connect the Raspberry Pi to the display with the HDMI cable and USB cable, and power up the Raspberry Pi. The display can display and touch normally, and the speaker also has sound output.

【How to use as PC monitor】

- Connect the computer HDMI output signal to the LCD HDMI interface
- Connect the LCD's USB Touch interface to the USB port of the device
- If there are several monitors, please unplug other monitor connectors first, and use LCD as the only monitor for testing.