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› ASHATA 10.1 Inch Touchscreen Monitor User Manual

ASHATA ASHATA3zgtunpqi2

ASHATA 10.1 Inch Touchscreen Monitor User Manual

MODEL: ASHATA3ZGTUNPQI2

1. Product Overview

The ASHATA 10.1 Inch Touchscreen Monitor is a versatile and portable HD LCD screen display panel designed for a wide range of applications. With a resolution of 1024x600, it serves as an excellent second screen for laptops, a display for single-board computers like Raspberry Pi, and is compatible with various operating systems including OS X, Ubuntu, Windows, and more.



Figure 1: Front view of the ASHATA 10.1 Inch Touchscreen Monitor, showcasing its sleek design and vibrant display.

Portable Monitor

Touchscreen monitor's wide angle IPS panel with excellent colors. 1024x600 HD resolution, fine picture quality, bring you the best experience.



Figure 2: The portable ASHATA monitor set up on a desk, highlighting its compact size and suitability for various environments.

Key Features:

- **High Resolution Display:** 10.1-inch IPS panel with 1024x600 HD resolution, offering a 170-degree full view and excellent color reproduction.
- **Responsive Touch Function:** Supports up to 5-point capacitive touch, providing quick and accurate interaction.
- **Broad Compatibility:** Compatible with a wide range of devices and operating systems, including Raspberry Pi (4, 3, 2 B B+ A), Banana Pi, Ubuntu, Retro Pi, Debian, Kali, Windows (7, 8, 10), PC, OS X, Laptops, and TVs. Plug and play for OS X systems.
- **Integrated Audio:** Features built-in dual speakers and a 3.5mm audio jack, eliminating the need for external speakers in many scenarios.
- **Compact and Durable Design:** Constructed with an aluminum alloy body, making it light, thin, and robust for portability.

2. Setup Guide

This monitor is designed for plug-and-play convenience. Follow these steps to set up your ASHATA Touchscreen Monitor.

2.1. Package Contents

Before you begin, ensure all components are present in the package:

- 1 x ASHATA Touchscreen Monitor
- 1 x HD Multimedia Interface Cable (HDMI Cable)
- 1 x MicroUSB Power Cable



Figure 3: The ASHATA monitor along with its included HD Multimedia Interface cable and MicroUSB power cable.

2.2. Connecting the Monitor

1. **Power Connection:** Connect the MicroUSB power cable to the MicroUSB port on the monitor (labeled 'USB-5V' or similar) and plug the other end into a 5V 2A DC power source. The monitor requires 5V 2A for optimal performance.
2. **Video Connection:** Use the provided HD Multimedia Interface cable to connect the monitor's HD Multimedia Interface port to the video output port of your device (e.g., Raspberry Pi, laptop, PC).
3. **Audio Connection (Optional):** If you prefer to use external speakers or headphones, connect them to the 3.5mm sound output jack on the monitor (labeled 'AUDIO'). The monitor also has built-in dual speakers.



Figure 4: Side view of the monitor, illustrating the location of the ports and control buttons.



Figure 5: Rear view of the monitor, showing the labeled USB-5V (power) and AUDIO ports, along with control buttons.

Once connected, the monitor should automatically detect the input signal and display the content from your connected device. For OS X systems, it is plug and play, requiring no additional software or drivers.

3. Operating the Monitor

3.1. Touch Functionality

The ASHATA monitor features a highly responsive capacitive 5-point touch screen. This allows for intuitive interaction with compatible operating systems and applications. Simply use your fingers to tap, swipe, pinch-to-zoom, and navigate as you would on a tablet or smartphone.



Figure 6: A hand interacting with the touchscreen, demonstrating the monitor's touch capabilities.

3.2. Display Settings and Controls

The monitor includes physical buttons, typically located on the side or back, for basic display adjustments. These buttons (e.g., MENU, UP, DOWN, EXIT, POWER) allow you to:

- Access the On-Screen Display (OSD) menu for settings like brightness, contrast, color temperature, and input source.
- Navigate through menu options.
- Adjust volume for the built-in speakers.
- Power the monitor on or off.

Refer to Figure 4 and Figure 5 in the Setup Guide for the location of these buttons.

3.3. Usage Scenarios

The ASHATA monitor is highly versatile and can be used in various configurations:

- **Second Laptop Screen:** Extend your laptop's display for increased productivity.
- **Raspberry Pi/SBC Display:** Ideal for embedded projects, robotics, and DIY computing.
- **Mini PC/Desktop Monitor:** A compact display solution for small form factor PCs.
- **Multimedia Display:** Connect to media players or gaming consoles for a portable entertainment experience.



Figure 7: The ASHATA monitor functioning as a secondary display alongside a laptop, enhancing workspace.



Figure 8: Collage showing the monitor being used in various settings, including work, entertainment, and family use.

4. Maintenance

Proper care and maintenance will extend the life of your ASHATA Touchscreen Monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-specific cleaning solution. Do not use harsh chemicals, abrasive cleaners, or alcohol-based solutions, as these can damage the screen coating.
- **Cleaning the Body:** Wipe the aluminum alloy body with a soft, dry cloth. Avoid excessive moisture.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Always handle the monitor by its edges. Avoid applying pressure directly to the screen.

5. Troubleshooting

If you encounter issues with your ASHATA Touchscreen Monitor, refer to the following common problems and solutions.

5.1. No Display / Black Screen

- **Check Power:** Ensure the MicroUSB power cable is securely connected to both the monitor and a working 5V 2A power source. Verify the power indicator light (if present) on the monitor.
- **Check Video Cable:** Confirm that the HD Multimedia Interface cable is firmly connected to both the monitor and your source device. Try a different HD Multimedia Interface cable if available.
- **Input Source:** If your monitor has an input selection button, ensure the correct input source (e.g., HDMI) is selected.
- **Source Device Output:** Verify that your source device (laptop, Raspberry Pi) is outputting a video signal and is configured to extend or duplicate its display.

5.2. Touch Function Not Working

- **USB Connection:** For touch functionality, ensure that the MicroUSB cable is connected from the monitor's MicroUSB port to a USB data port on your source device. While the power cable is MicroUSB, some systems require a separate USB data connection for touch input.
- **Driver Installation:** For Windows or Linux systems, ensure that the necessary touch drivers are installed. While OS X is plug and play, other systems might require specific drivers.
- **Restart Devices:** Restart both the monitor and the connected source device.

5.3. No Sound from Speakers/Audio Jack

- **Volume Level:** Check the volume settings on both the monitor (via OSD menu) and your source device.
- **Audio Output Selection:** Ensure that the ASHATA monitor is selected as the default audio output device in your computer's sound settings.
- **HD Multimedia Interface Audio:** Verify that your source device is sending audio over the HD Multimedia Interface cable.
- **External Audio Device:** If using the audio jack, ensure your headphones or speakers are working correctly and are fully plugged in.

6. Specifications

Detailed technical specifications for the ASHATA 10.1 Inch Touchscreen Monitor.

Feature	Specification
Item Type	Touchscreen Monitor
Material	Aluminum Alloy, IPS
Overall Dimensions	Approx. 241x145x14.6mm / 9.49x5.71x0.57in
Display Area (Width)	Approx. 222.72mm / 8.77in
Display Area (Height)	Approx. 125.28mm / 4.93in
Screen Type	LCD
Panel Type	IPS, Often Black
Resolution	1024 x 600
Viewing Angle	170 Degree Full View
Color Gamut	50% Ntsc
Display Color	16.7m (8 Bit)
Refresh Rate	60Hz
Response Time	25 (Typ.)(Tr+tf)ms
Screen Ratio	16:9
Contrast Ratio	800:1
Brightness	300cd/m2
Touch Function	Yes
Touch Type	Capacitive
Touch Points	5 Point Touch
Power Supply Port	MicroUSB Port
Input Voltage	5V 2A DC
Interface	1 x HD Multimedia Interface, 1 x MicroUSB, 1 x Sound Output
Built-in Speakers	Yes, Dual Speakers
Model Number	ASHATA3zgtunpqj2
Manufacturer	ASHATA



Figure 9: Diagram illustrating the physical dimensions of the ASHATA 10.1 Inch Touchscreen Monitor.

7. Warranty and Support

7.1. Return Policy

This product is subject to a 30-day return/replacement policy from the date of purchase. Please refer to the retailer's specific return guidelines for detailed information.

7.2. Protection Plans

Extended protection plans may be available for purchase separately. These plans offer additional coverage beyond the standard return policy. Please check with your retailer for available 3-year or 4-year protection plan options.

7.3. Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your ASHATA product, please contact ASHATA customer support through the retailer's platform or the official ASHATA website. When contacting support, please have your product model number (ASHATA3zgtunpq2) and purchase details ready.

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