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Hannspree HT225HPB

Hannspree Hanns.G HT225HPB 21.5-inch Full HD Multi-touch Monitor User Manual

Model: HT225HPB | Brand: Hannspree

1. Introduction



Figure 1.1: Front view of the Hannspree HT225HPB 21.5-inch Full HD Multi-touch Monitor.

The Hannspree Hanns.G HT225HPB is a 21.5-inch Full HD (1920x1080) multi-touch monitor designed for seamless and accurate touch response. Featuring projected capacitive (PCAP) touch technology, a 7H scratch-resistant surface, and wide 178° viewing angles, this monitor delivers excellent color performance and a broad visual experience. Its ergonomic

stand allows for tilt adjustments from 15° to 70°, providing optimal viewing positions for various applications. The anti-glare protective film reduces reflections and glare, enhancing screen visibility. This monitor is suitable for both commercial and consumer applications, including interactive digital signage, in-store retail, gaming, POS terminals, and presentations. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HT225HPB monitor.

2. Setup

2.1 Unpacking the Monitor

Carefully remove the monitor and all accessories from the packaging. Ensure all components are present: monitor unit, power adapter, HDMI cable, and USB A-to-B cable.

2.2 Connecting the Monitor

Follow these steps to connect your Hannspree HT225HPB monitor to your computer:

1. **Power Connection:** Connect the power adapter to the "POWER IN" port on the monitor and then plug the adapter into a power outlet.
2. **Video Connection:** Connect one end of the HDMI cable to the "HDMI" port on the monitor and the other end to the HDMI output port on your computer. Alternatively, you can use a DVI cable if your computer supports it.
3. **USB Touch Connection:** For touch functionality, connect the USB A-to-B cable to the "PC USB" port on the monitor and the other end to an available USB port on your computer.



Figure 2.2.1: Rear view of the Hannspree HT225HPB monitor, highlighting the power input, PC USB, HDMI, and VGA ports for connectivity.

2.3 Adjusting the Stand

The monitor features an ergonomic stand that allows for tilt adjustment from 15 to 70 degrees. Gently adjust the monitor to your preferred viewing angle for optimal comfort and interaction.



Figure 2.3.1: Side view of the Hannspree HT225HPB monitor, illustrating the adjustable stand for ergonomic positioning.

3. Operating Instructions

3.1 Powering On/Off

Press the power button located on the front bezel of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

3.2 Using Touch Functionality

The HT225HPB supports 10-point projected capacitive multi-touch. Once the USB cable is connected to your computer, the touch functionality should be automatically recognized by most operating systems (e.g., Windows 10).

- **Tap:** A quick touch and release, similar to a mouse click.
- **Drag:** Touch and hold, then move your finger across the screen.
- **Pinch/Stretch:** Use two fingers to zoom in or out.
- **Swipe:** Quickly move your finger across the screen to scroll or navigate.

3.3 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. The control buttons are typically located on the front bezel of the monitor.

- **Accessing the Menu:** Press the "Menu" button to open the OSD.

- **Navigation:** Use the arrow buttons to navigate through menu options.
- **Selection:** Press the "Enter" or "OK" button to select an option.
- **Exit:** Press the "Exit" button to close the OSD menu.

Common adjustable settings include:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Selection:** Manually select between HDMI, DVI, or VGA inputs.
- **Audio:** Adjust volume for built-in speakers (if applicable).

4. Maintenance

4.1 Cleaning the Screen

To clean the monitor screen, power off the monitor and disconnect the power cable. Use a soft, lint-free cloth lightly dampened with water or a non-abrasive, ammonia-free screen cleaner. Do not spray cleaner directly onto the screen.

4.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight, heat sources, and excessive moisture.
- Ensure proper ventilation around the monitor to prevent overheating.

5. Troubleshooting

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	• Power cable not connected • Video cable not connected or loose • Incorrect input source selected	• Ensure power cable is securely connected to monitor and outlet. • Check video cable connections (HDMI/DVI) at both monitor and computer. • Use the OSD menu to select the correct input source.
Touch function not working	• USB cable not connected or loose • USB drivers not installed (rare for Windows 10)	• Ensure the USB A-to-B cable is securely connected to the monitor's "PC USB" port and your computer's USB port. • Restart your computer. • Check device manager for USB touch device status.
Screen is too dark/bright	• Brightness/Contrast settings are incorrect	• Adjust Brightness and Contrast settings via the OSD menu.
Image is distorted or blurry	• Incorrect resolution setting • Faulty video cable	• Set your computer's display resolution to 1920x1080. • Try a different video cable.

6. Specifications

Below are the technical specifications for the Hannspree Hanns.G HT225HPB monitor:

Brand	Hannspree
Model Name	HT225HPB
Screen Size	21.5 inches
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Panel Type	LCD
Touch Technology	Projected Capacitive (PCAP), 10-point multi-touch
Surface Hardness	7H
Brightness	250 cd/m²
Contrast Ratio	1000:1
Response Time	7 ms
Refresh Rate	60 Hz
Viewing Angle	178°
Video Inputs	HDMI, DVI, VGA
USB Ports	1x USB (for touch functionality)
Power Consumption	24 Watts
Dimensions (D x W x H)	4.8 x 49 x 29.9 cm (approx.)
Weight	3.95 kg
Adaptive Sync	FreeSync

7. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Hannspree website. Keep your purchase receipt as proof of purchase for warranty claims.
Online Support: www.hannspree.eu/support

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