Wacom DTH3220K0

Wacom Cintiq Pro 32 (DTH3220K0) Creative Pen and Touch Display User Manual

Model: **DTH3220K0** | Brand: **Wacom**

Overview	What's in the Box	Setup	Operating	Maintenance	Troubleshooting
	Specifications		Warranty & Support		

1. OVERVIEW

The Wacom Cintiq Pro 32 is a professional-grade creative pen and touch display designed for digital artists and designers. It features a large 31.5-inch 4K screen, offering exceptional detail and color accuracy for an immersive creative experience. The included Wacom Pro Pen 2 provides precise control with advanced pressure sensitivity and tilt recognition, mimicking traditional art tools.

Figure 1: Wacom Cintiq Pro 32 Creative Pen Display.

Key Features:

- **31.5-inch 4K UHD Display:** Experience stunning visual clarity with a resolution of 3840x2160 pixels.
- **Etched Glass Screen:** Provides a natural, tactile drawing experience while minimizing glare and reflections.
- **Exceptional Color Performance:** Achieves 99% Adobe RGB and 97% sRGB color accuracy with 1.07 billion colors (10-bit color depth).
- **Wacom Pro Pen 2:** Features 8,192 levels of pressure sensitivity and tilt recognition for precise and natural pen input. Optical bonding reduces parallax for a pen-on-paper feel.
- **Multi-Touch Gestures:** Navigate and interact with your artwork using intuitive multi-touch gestures.
- **ExpressKey Remote:** A customizable remote for one-touch shortcuts, enhancing workflow efficiency.
- **Versatile Connectivity:** Supports USB-C, HDMI, and Mini/DisplayPort connections for compatibility with various systems.

2. WHAT'S IN THE BOX

Upon unboxing your Wacom Cintiq Pro 32, ensure all the following components are present:

- Wacom Cintiq Pro 32 Creative Pen and Touch Display
- Wacom Pro Pen 2
- ExpressKey Remote
- USB-C cable
- HDMI cable
- Mini/DisplayPort cable
- AC adapter and power cable
- Pen stand with replacement nibs and nib removal tool
- Quick Start Guide

Figure 2: Wacom Cintiq Pro 32 with various connection cables.

3. SETUP

Follow these steps to set up your Wacom Cintiq Pro 32:

1. **Unpack the Device:** Carefully remove the Cintiq Pro 32 and all accessories from the packaging.
2. **Position the Display:** Place the Cintiq Pro 32 on a stable, sturdy desk. Consider using an optional

ergonomic stand (sold separately) for optimal viewing angles and comfort.

3. **Connect to Power:** Connect the AC adapter to the Cintiq Pro 32 and plug the power cable into an electrical outlet.

4. **Connect to Computer:** Choose one of the following connection methods:
   - **USB-C:** Connect one end of the USB-C cable to the Cintiq Pro 32 and the other end to a compatible USB-C port on your computer. This single cable can transmit video, data, and power.
   - **HDMI or Mini/DisplayPort + USB-A:** Connect the HDMI or Mini/DisplayPort cable for video, and then connect the USB-A cable for pen and touch functionality.

5. **Install Drivers:** Visit the official Wacom website to download and install the latest drivers for your operating system (Mac OS X 10.11 or later, Windows 7 or later). Restart your computer after installation.

6. **Calibrate the Pen:** After driver installation, open the Wacom Desktop Center and follow the on-screen instructions to calibrate your Wacom Pro Pen 2 for optimal accuracy.
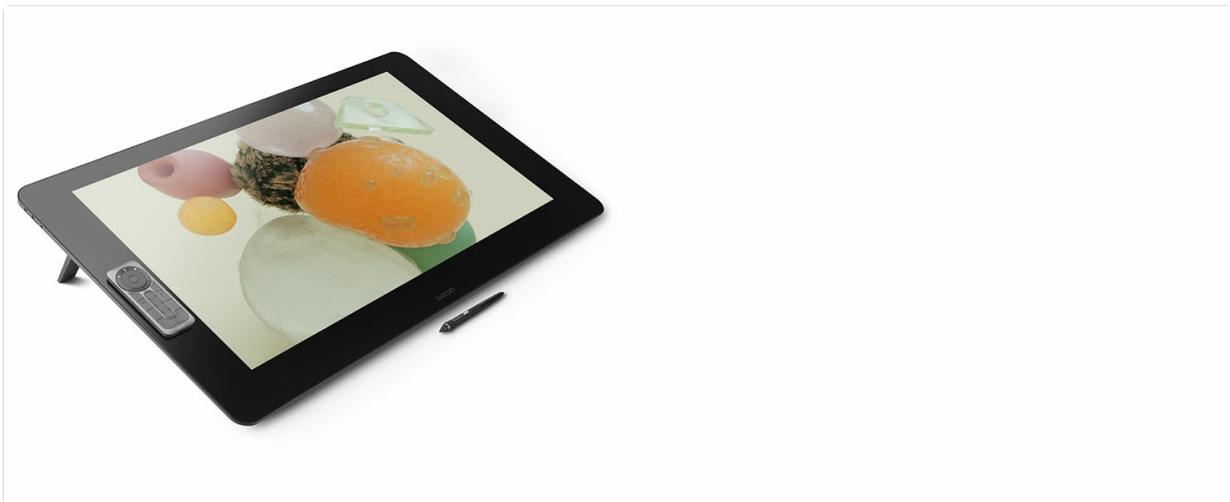

Figure 3: Wacom Cintiq Pro 32 in use with the Wacom Pro Pen 2.

4. OPERATING THE CINTIQ PRO 32

Using the Wacom Pro Pen 2

The Wacom Pro Pen 2 is your primary tool for interaction. It offers:

- **Pressure Sensitivity:** Apply varying pressure to create lines of different thickness and opacity, just like traditional art tools.
- **Tilt Recognition:** The pen detects the angle at which you hold it, allowing for natural brush strokes and shading effects.
- **Programmable Side Switches:** The two side switches on the pen can be customized in the Wacom Desktop Center to perform various functions, such as right-click, scroll, or specific application commands.
- **Eraser:** The eraser on the back of the pen functions as a digital eraser in compatible software.

Figure 4: Detailed view of a hand interacting with the Cintiq Pro 32 using the Wacom Pro Pen 2.

Multi-Touch Gestures

The Cintiq Pro 32 supports multi-touch input, allowing for intuitive navigation and manipulation of your canvas:

- **Pan:** Use two fingers to drag the canvas.
- **Zoom:** Pinch in or out with two fingers to zoom.
- **Rotate:** Place two fingers on the screen and rotate them to rotate the canvas.
- **Custom Gestures:** Configure additional gestures in the Wacom Desktop Center for personalized shortcuts.

ExpressKey Remote

The ExpressKey Remote provides 17 customizable buttons and a Touch Ring for quick access to frequently used functions. Keep it within reach for an efficient workflow.

- **Customization:** Assign specific keystrokes, mouse clicks, or application-specific functions to each button and the Touch Ring using the Wacom Desktop Center.
- **Placement:** The remote can be placed anywhere on or around your Cintiq Pro 32 for convenient access.
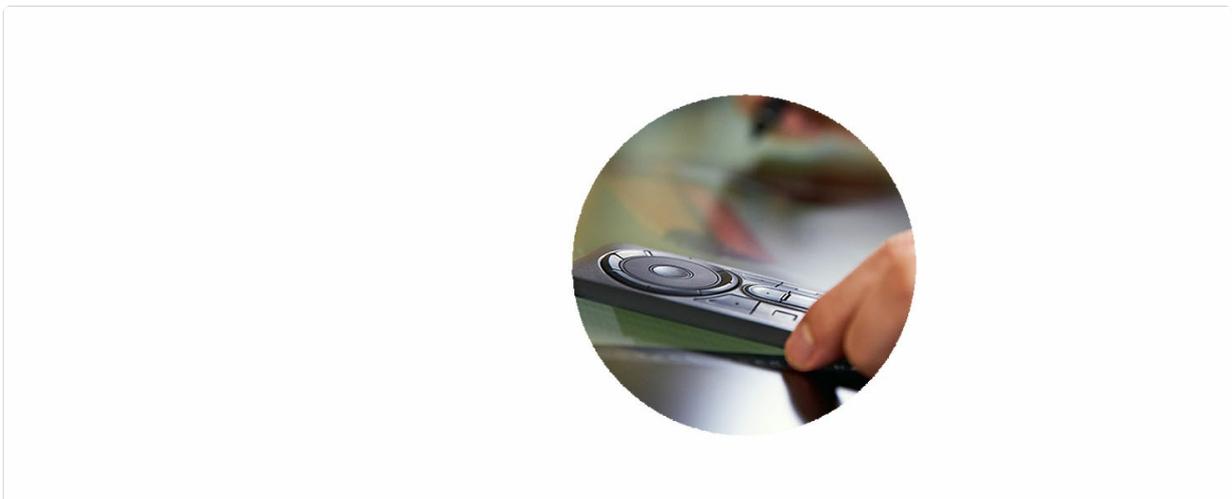

Figure 5: Wacom Cintiq Pro 32 shown with the ExpressKey Remote for quick access to shortcuts.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Cintiq Pro 32:

- **Cleaning the Screen:** Use a soft, lint-free cloth (microfiber is recommended) to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. *Do not use harsh chemicals or abrasive materials.*
- **Cleaning the Pen:** Wipe the Wacom Pro Pen 2 with a dry, soft cloth. Avoid exposing it to excessive moisture.
- **Replacing Nibs:** If the pen nib becomes worn, use the nib removal tool (found in the pen stand) to carefully pull out the old nib and insert a new one. Ensure the new nib is fully seated.
- **Cable Management:** Keep cables organized and free from kinks or excessive tension to prevent damage.
- **Storage:** When not in use, store the Cintiq Pro 32 in a clean, dry environment, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Solution
No display on Cintiq Pro 32	Ensure power cable is securely connected and power outlet is active. Verify video cable (USB-C, HDMI, or Mini/DisplayPort) is correctly connected to both the Cintiq and your computer. Check your computer's display settings to ensure the Cintiq is detected and configured as an extended or mirrored display.
Pen not responding or inaccurate	Ensure Wacom drivers are installed and up to date. Restart your computer. Check if the pen nib is worn and replace if necessary. Recalibrate the pen in the Wacom Desktop Center. If using HDMI/DisplayPort, ensure the USB-A data cable is also connected.
Touch gestures not working	Verify touch is enabled in the Wacom Desktop Center settings. Ensure Wacom drivers are installed and up to date. Restart your computer.
Color inaccuracy	Ensure your display is properly calibrated. Check your computer's color profile settings.

7. SPECIFICATIONS

Feature	Detail
Model Number	DTH3220K0

Feature	Detail
Screen Size	31.5 inches
Resolution	3840 x 2160 (4K UHD)
Color Performance	99% Adobe RGB, 97% sRGB, 1.07 billion colors (10-bit)
Pen Technology	Wacom Pro Pen 2
Pressure Sensitivity	8192 levels
Tilt Recognition	Supported
Multi-Touch	Supported
Connectivity	USB-C, HDMI, Mini/DisplayPort
Operating System Compatibility	OS X 10.11 or later, Windows 7 or later
Item Weight	42.4 pounds
Product Dimensions (LxWxH)	33.62 x 19.92 x 2.1 inches
Color	Black
Batteries	1 Lithium Ion batteries (included)

8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Wacom website. Wacom provides comprehensive support resources, including:

- **Online Knowledge Base:** Access articles, FAQs, and tutorials.
- **Driver Downloads:** Ensure you have the latest drivers for optimal performance.
- **Customer Service:** Contact Wacom support for technical assistance or service requests.

Please visit www.wacom.com/support for the most up-to-date support information and resources.