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> XPPen Deco 640 Drawing Tablet and Mini Keydial ACK05 Wireless Shortcut Keyboard User Manual

XPPen Deco 640, ACK05

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Model: Deco 640 (Tablet), ACK05 (Keydial)

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your XPPen Deco 640 Drawing Tablet and XPPen Mini Keydial ACK05 Wireless Shortcut Keyboard. Please read this manual thoroughly before using the devices to ensure proper functionality and to maximize your creative experience.



Image: The XPPen Deco 640 drawing tablet in black, accompanied by its battery-free stylus, ready for use.

2. PRODUCT OVERVIEW

2.1 Package Contents

- XPPen Deco 640 Drawing Tablet
- Battery-Free Stylus
- XPPen Mini Keydial ACK05 Wireless Shortcut Keyboard
- USB-C to USB-A Cable (for tablet and charging keydial)
- USB Wireless Dongle (for keydial)
- Stylus Nibs (replacement)
- Nib Clip
- Quick Guide

2.2 Key Features

- **Deco 640 Tablet:**
 - 16384 Pressure Levels Sensitivity
 - 60° Tilt Support
 - 6 x 4 inch Active Drawing Area
 - 8 Customizable Shortcut Keys

- Lightweight (170g) and Slim (7.7mm) Design
- 5080 LPI Resolution
- ≥ 220 RPS Report Rate

- **Mini Keydial ACK05:**

- Bluetooth 5.0 Wireless Connection
- USB Cable Connection
- USB Wireless Dongle Connection
- 1000 mAh Built-in Battery (up to 300 hours continuous use)
- 10 Customizable Shortcut Keys and a Dial

Industry-leading **16k** Pressure Levels Reproduce Your Drawing Delicately



16384
Pressure Levels



60°
Tilt Support



Image: A visual representation highlighting the 16,384 pressure levels and 60-degree tilt support of the stylus, crucial for delicate drawing.

Capture Your Inspiration with Instant Response



Resolution
5080LPI



Responsive Height
10mm



Report Rate
≥220RP



Image: An illustration detailing the tablet's technical specifications including 5080 LPI resolution, 10mm responsive height, and a report rate of 220 RPS.

3. SETUP GUIDE

3.1 Driver Installation

1. **Download Driver:** Visit the official XPPen website (www.xp-pen.com) and navigate to the 'Support' or 'Download' section. Select your product model (Deco 640 and ACK05) to download the latest driver compatible with your operating system (Windows, macOS, Linux, Android, Chrome OS).
2. **Uninstall Previous Drivers:** If you have any other tablet drivers installed on your computer, uninstall them completely before proceeding.
3. **Install Driver:** Run the downloaded installer. Follow the on-screen instructions to complete the installation.
4. **Restart Computer:** After installation, restart your computer to ensure the driver is properly loaded.

3.2 Deco 640 Tablet Connection

Connect the Deco 640 tablet to your computer using the provided USB-C to USB-A cable. Plug the USB-C end into the tablet and the USB-A end into an available USB port on your computer. The tablet is plug-and-play after driver installation.

3.3 Mini Keydial ACK05 Connection

The ACK05 Keydial offers three connection methods:

- **Bluetooth 5.0:** Turn on the Keydial. On your computer, enable Bluetooth and search for available devices. Select "ACK05" to pair.
- **USB Wireless Dongle:** Plug the USB wireless dongle into an available USB port on your computer. Turn on the Keydial. It should automatically connect.
- **USB Cable:** Connect the Keydial to your computer using the provided USB-C to USB-A cable. This also charges the device.



Image: A diagram illustrating the three ways to connect the ACK05 Keydial: via Bluetooth 5.0, a USB cable, or a USB dongle for stable and fast transmission.

4. OPERATING INSTRUCTIONS

4.1 Using the Deco 640 Drawing Tablet

- **Stylus Usage:** Hold the battery-free stylus like a regular pen. The tip acts as your mouse cursor. Pressing the tip to the tablet surface simulates a mouse click.
- **Pressure Sensitivity:** The tablet supports 16384 pressure levels, allowing for varied line thickness and opacity based on how hard you press.

- **Tilt Function:** The stylus supports 60° tilt, enabling natural shading effects in compatible software.
- **Shortcut Keys:** The 8 physical shortcut keys on the tablet can be customized through the XPPen driver software to perform various functions (e.g., undo, zoom, brush size).

Start Drawing with Ease and Efficiency



Light Weight
170g



Thickness
7.7 mm



Active Drawing Area
16 cm × 9 cm



Image: The XPPen Deco 640 tablet being used, emphasizing its lightweight design (170g), thin profile (7.7mm), and 16cm x 9cm active drawing area.

4.2 Using the Mini Keydial ACK05

- **Customizable Keys:** The ACK05 features 10 customizable shortcut keys and a mechanical dial. These can be assigned to frequently used functions in your creative software.
- **Dial Function:** The dial can be configured for actions like zooming, scrolling, or adjusting brush size.
- **Placement:** Position the Keydial conveniently next to your tablet or keyboard for quick access to shortcuts.



Image: The XPPen Mini Keydial ACK05 wireless shortcut keyboard, featuring a circular dial and multiple programmable buttons.

4.3 Customizing Settings

Open the XPPen driver software from your computer's system tray or applications folder. Within the driver interface, you can:

- Adjust pressure sensitivity curves.
- Customize the functions of the tablet's 8 shortcut keys.
- Customize the functions of the Keydial's 10 shortcut keys and dial.
- Map the active area of the tablet to your display.
- Configure settings for different applications.

4.4 Common Applications

The Deco 640 and ACK05 are compatible with most major creative software, including but not limited to:

- Adobe Photoshop, Illustrator, Premiere Pro
- Clip Studio Paint
- Krita
- GIMP
- Blender
- Microsoft Office (for annotation and signing)
- OSU! (for gaming)

Unlock More Possibilities in Daily Life



Illustration



Video Editing



Photo Retouching



Remote Education
/Presentation



Document Signing



Anatomical Drawing

Image: A collage showcasing diverse applications of the tablet, including illustration, video editing, photo retouching, remote education, document signing, and anatomical drawing.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the tablet surface and stylus. Avoid using harsh chemicals or abrasive materials.
- **Stylus Nibs:** Replace the stylus nib when it becomes worn. Use the provided nib clip to carefully pull out the old nib and insert a new one.
- **Storage:** Store the tablet and Keydial in a dry, dust-free environment when not in use.
- **Keydial Battery:** The ACK05 Keydial has a built-in 1000 mAh battery. Charge it using the provided USB cable when the battery indicator is low. A full charge provides approximately 300 hours of continuous use.

Power your all-day work with the 1000mAh battery.



1000mAh
Battery capacity



300hrs
Battery life



Image: An internal view graphic of the ACK05 Keydial, highlighting its 1000 mAh battery capacity and an estimated 300 hours of battery life.

6. TROUBLESHOOTING

- **No Pen Pressure:** Ensure the XPPen driver is correctly installed and running. Restart your computer and try reinstalling the driver if the issue persists. Check if the stylus nib is worn and replace if necessary.
- **Tablet Not Responding:** Verify the USB cable connection for the Deco 640. For the ACK05, check its connection (Bluetooth, dongle, or USB cable) and ensure it is powered on and charged.
- **Shortcut Keys Not Working:** Open the XPPen driver software and verify that the shortcut keys are correctly assigned. Ensure the driver is running in the background.
- **Cursor Lag/Jitter:** Close any unnecessary background applications. Ensure your computer meets the minimum system requirements. Try connecting the tablet to a different USB port.
- **Keydial Disconnects:** For Bluetooth connection, ensure no interference from other wireless devices. For dongle connection, try a different USB port. Ensure the Keydial is charged.

7. SPECIFICATIONS

Feature	Deco 640 Drawing Tablet	Mini Keydial ACK05

Feature	Deco 640 Drawing Tablet	Mini Keydial ACK05
Active Area	6 x 4 inches (16 cm x 9 cm)	N/A
Pressure Levels	16384	N/A
Tilt Support	60°	N/A
Resolution	5080 LPI	N/A
Report Rate	≥220 RPS	N/A
Thickness	7.7 mm	N/A
Weight	170 g	75 g
Connection	USB-C	Bluetooth 5.0, USB Dongle, USB-C
Battery	N/A (wired)	1000 mAh (up to 300 hrs)
Compatibility	Windows 7/8/10/11, macOS 10.10 or later, Android 6.0 or later, Chrome OS 88 or later, Linux	

8. WARRANTY AND SUPPORT

XPPen products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official XPPen website. For technical support, driver updates, FAQs, and further assistance, please visit the XPPen support page or contact their customer service directly.

Official XPPen Website: www.xp-pen.com

XPPen Store on Amazon: [XPPen Store](#)