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- j5create USB-C Dual HDMI Docking Station (JCD542) Instruction Manual

j5create JCD542

j5create USB-C Dual HDMI Docking Station (JCD542) Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your j5create USB-C Dual HDMI Docking Station (Model JCD542). This docking station is designed to expand the connectivity of your USB-C enabled laptop, offering dual display output, multiple USB ports, network connectivity, and power delivery.

Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

2.1 Package Contents

- j5create USB-C Dual HDMI Docking Station (JCD542)
- Instruction Manual

2.2 Device Layout and Ports

The JCD542 docking station features a comprehensive array of ports to enhance your workstation. Refer to the images below for a visual guide to the port layout.



Image 1: Top-down view of the j5create JCD542 USB-C Dual HDMI Docking Station, showcasing its sleek design and various ports.



Image 2: Diagram illustrating the 10 available ports on the j5create JCD542 docking station, including USB-C Power In, USB 3.0, Mic/Speaker, SD/microSD, Gigabit Ethernet, 4K HDMI, HDMI, and Security Slot.

- USB-C Host Connector: Connects to your laptop's USB-C port.
- USB-C Power In (PD 3.0): Supports up to 100W Power Delivery for charging your laptop.
- HDMI 1 (4K): Connects to a display for up to 4K (3840 x 2160) resolution.
- **HDMI 2:** Connects to a display for up to 2K (2048 x 1152) or 1080p resolution.
- USB 3.0 (5Gbps) x3: Connects to USB peripherals such as keyboards, mice, or external drives.
- RJ45 Gigabit Ethernet: Provides a stable wired network connection.
- SD Card Reader: For reading standard SD memory cards.
- microSD Card Reader: For reading microSD memory cards.
- Combo Audio Jack (Mic/Speaker): Connects to headphones or speakers with a microphone.
- Security Lock Slot: For attaching a security cable to prevent theft.

3. SETUP

3.1 System Requirements

- Available USB-C port with DisplayPort Alternate Mode (Alt Mode) support.
- Windows 10 / 8.1 / 7 or macOS X 10.8 or later (macOS 11 & 12 supported).
- For Mac users, driver installation is required for display functionality. Please visit the j5create website for the latest drivers.
- For Power Delivery, your laptop must support USB-C Power Delivery.

3.2 Connecting the Docking Station

- 1. Connect the integrated USB-C host cable from the docking station to an available USB-C port on your laptop.
- 2. If you wish to charge your laptop via the docking station, connect your laptop's USB-C power adapter to the USB-C Power In port on the docking station.
- 3. Connect your external monitors to the HDMI ports on the docking station using HDMI cables.
- 4. Connect any USB peripherals (keyboard, mouse, external hard drive) to the USB 3.0 ports.
- 5. For a wired network connection, connect an Ethernet cable from your router/modem to the RJ45 Gigabit Ethernet port.
- 6. Insert SD or microSD cards into the respective card reader slots if needed.
- 7. Connect headphones or speakers to the Combo Audio Jack.



Image 3: A laptop connected to the j5create JCD542 docking station via its integrated USB-C cable, demonstrating a typical setup.



Image 4: Illustration showing compatibility with both Windows and Mac operating systems, highlighting the need for driver installation for Mac users.

4. OPERATING INSTRUCTIONS

4.1 Dual Display Configuration

The docking station supports extending your laptop's display to two external monitors. One HDMI port supports up to 4K (3840 x 2160) resolution, and the other supports up to 2K (2048 x 1152) or 1080p. You can

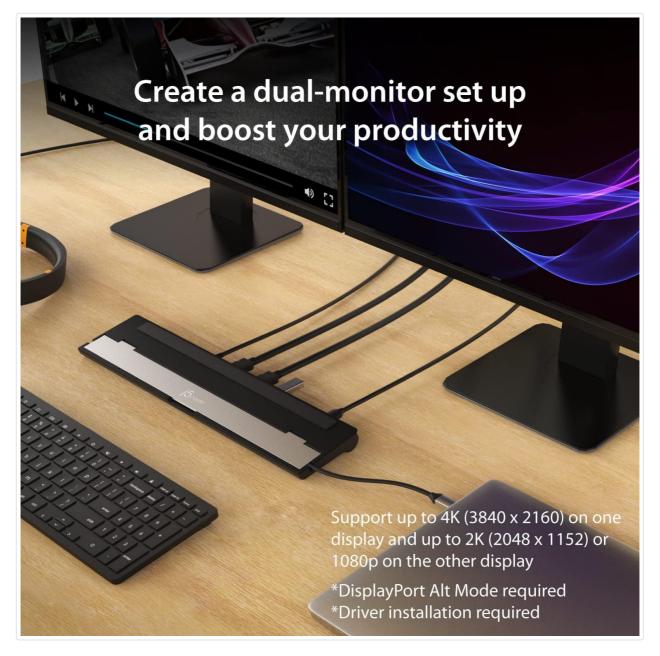


Image 5: A workstation demonstrating a dual-monitor setup connected via the j5create JCD542 docking station, enhancing productivity.

After connecting your monitors, you may need to configure display settings in your operating system (Windows Display Settings or macOS System Preferences > Displays) to extend or mirror your desktop.

4.2 Power Delivery

The USB-C Power In port allows you to charge your laptop while using the docking station, supporting up to 100W Power Delivery. Ensure your laptop's original power adapter is connected to this port for charging.



Image 6: A USB-C power cable connected to the 'Power In' port of the j5create JCD542 docking station, indicating support for up to 100W Power Delivery to the connected laptop.

4.3 Data Transfer and Peripherals

The three USB 3.0 ports provide SuperSpeed 5Gbps data transfer rates for connecting various USB peripherals. The RJ45 Gigabit Ethernet port ensures a reliable and fast wired internet connection, while the SD and microSD card readers allow for convenient access to memory card data.



Image 7: Close-up view of the three SuperSpeed USB 3.0 ports on the j5create JCD542 docking station, with a USB device connected.



Image 8: Close-up view of the RJ45 Gigabit Ethernet port on the j5create JCD542 docking station, showing an Ethernet cable connected for a stable network connection.



Image 9: Close-up view of the SD and microSD card reader slots on the j5create JCD542 docking station, with a memory card being inserted.



Image 10: Close-up view of the combo audio jack (Mic/Speaker) on the j5create JCD542 docking station, with a 3.5mm audio plug inserted.

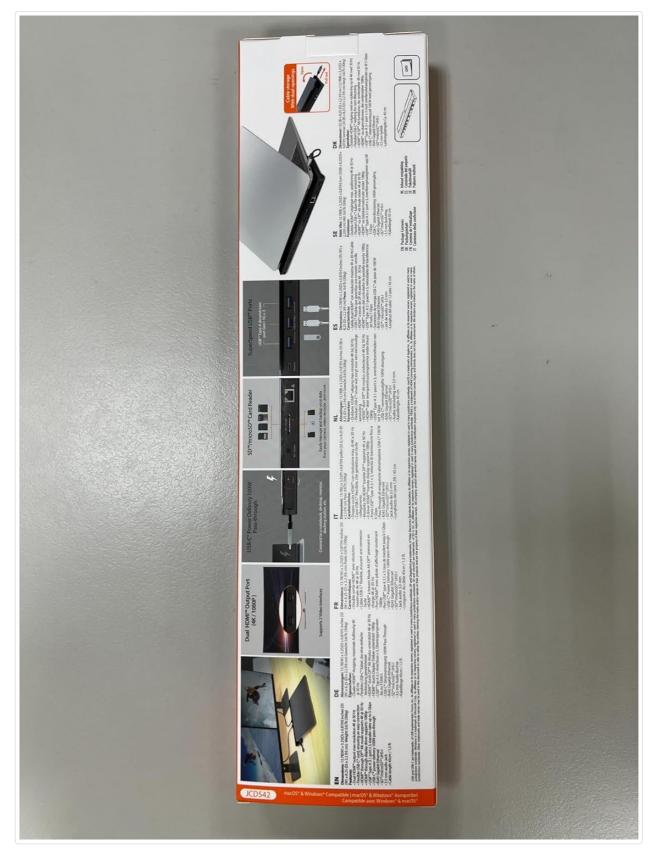


Image 11: Close-up view of the security lock slot on the j5create JCD542 docking station, showing a security cable being attached.

5. MAINTENANCE

To ensure the longevity and optimal performance of your docking station, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Do not expose the device to extreme temperatures, humidity, or direct sunlight.

- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation around the docking station to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues with your j5create JCD542 docking station, refer to the following common problems and solutions:

• No Display Output:

- Ensure your laptop's USB-C port supports DisplayPort Alt Mode.
- Verify that all HDMI cables are securely connected to both the docking station and the monitors.
- For Mac users, ensure the necessary display drivers are installed. Visit the j5create support website for driver downloads.
- Check your operating system's display settings to ensure monitors are detected and configured correctly (extended or mirrored).
- Try disconnecting and reconnecting the docking station from your laptop.

• Laptop Not Charging:

- Confirm that your laptop supports USB-C Power Delivery.
- Ensure your laptop's original USB-C power adapter is connected to the USB-C Power In port on the docking station.
- Verify the power adapter is functioning correctly and connected to a power outlet.

• USB Peripherals Not Working:

- Ensure the docking station is properly connected to your laptop.
- Try connecting the peripheral directly to your laptop to confirm it is functional.
- Test the peripheral in a different USB 3.0 port on the docking station.

• No Internet Connection via Ethernet:

- Verify the Ethernet cable is securely connected to both the docking station and your router/modem.
- · Check your network settings in your operating system.
- Ensure your router/modem is functioning correctly.

· Docking Station Feels Warm:

• It is normal for the docking station to generate some heat during operation, especially when multiple ports are in use or when charging a laptop. Ensure it has adequate ventilation and is not covered.

7. SPECIFICATIONS

| Model Number | JCD542 |
|--------------------|---|
| Product Dimensions | 13.78 x 3.25 x 0.86 inches (350 x 82.5 x 21.8 mm) |
| Item Weight | 14.3 ounces (405 grams) |
| Host Interface | USB-C |

| Video Output | 2 x HDMI (1x 4K, 1x 2K/1080p) |
|----------------|---|
| USB Ports | 3 x USB 3.0 (5Gbps) |
| Ethernet | RJ45 Gigabit Ethernet |
| Card Reader | SD / microSD |
| Audio | Combo Audio Jack (Mic/Speaker) |
| Power Delivery | Up to 100W via USB-C Power In port |
| Compatibility | Windows 10/8.1/7, macOS X 10.8 or later (macOS 11 & 12) |

8. WARRANTY AND SUPPORT

j5create products are designed and manufactured with quality in mind. For warranty information and technical support, please refer to the official j5create website or contact their customer service.

Manufacturer: j5create

Contact Information:

Kaijet Technology International B.V.

Address: Zomerdroom 20, 3068 MZ Rotterdam, Netherlands

Phone Number: +31 (0)6-2880 2882

E-mail: service@j5create.com

Please retain your proof of purchase for warranty claims.

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| | j5create JCD543/JCD543P/JCD542 USB-C Docking Station Quick Installation Guide A quick installation guide for the j5create USB-C Dual/Triple Display Docking Station (models JCD543, JCD543P, JCD542), providing instructions for Windows and macOS driver installation, system requirements, and technical support information. |
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j5create USB-C Docking Station Quick Installation Guide

A quick installation guide for the j5create USB-C Dual/Triple Display Docking Station (JCD542, JCD543, JCD543P), covering system requirements and driver installation for Windows and macOS.

lang:en score:43 filesize: 954.85 K page_count: 2 document date: 2022-04-29



j5create JCD543/JCD543P/JCD542 USB-C Docking Station Quick Installation Guide

A quick installation guide for the j5create USB-C Dual/Triple Display Docking Station (models JCD543, JCD543P, JCD542), providing instructions for Windows and macOS driver installation, system requirements, and technical support information.

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DATA SHEET j5create JCD542 USB C® Dual HDMI™ Docking Station includes 2x HDMI ports and 4x Grey Black Product Brochure Datasheet 0 9 MB mmo 101955073 1666018711 9829 24509 objects icecat biz |||

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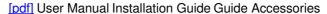


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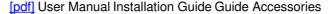
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COUNTRY OF ORIGIN DECLARATION

Vandor Name: Kaljot Technology International Corporation

Address: 8F., No.109, Zhongoheng Rd., Tucheng Dist., New Taipei City 238,

Talwan R.D.C.

hereby, affirm and declare that the products listed below: (check one)

Are wholly (including all components) the growth, produce or manufacture of the listed country.

 Are substantially transformed by us through a process of manufacture (other the simple combining, re-packaging, etc.) into its current form, fit and function listed below

PRODUCT PRODUCT DESCRIPTION COOKING
NUMBER PRODUCT DESCRIPTION OF ORIGIN
JCDS42 USB-C Dual HDMI Dooking TAWAN R.O.C

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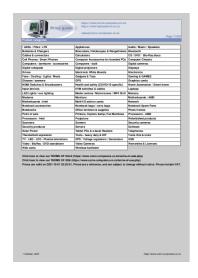
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