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> JOYROOM JR-TRD01 140W 5-in-1 USB C Charging Station Instruction Manual

## JOYROOM JR-TRD01

# JOYROOM JR-TRD01 140W 5-in-1 USB C Charging Station Instruction Manual

Model: JR-TRD01

## 1. INTRODUCTION

Thank you for choosing the JOYROOM JR-TRD01 140W 5-in-1 USB C Charging Station. This ultra-fast desktop charger is designed to provide efficient and organized power delivery for a wide range of devices, including laptops, tablets, and smartphones. Featuring dual retractable USB-C cables, a 1.54-inch smart LCD display, and a 180° rotatable design, it offers a convenient and powerful charging solution for your home or office.



Image 1: Overview of the JOYROOM JR-TRD01 5-in-1 USB C Charging Station, highlighting its multiple ports and smart display.

## 2. WHAT'S IN THE BOX

- JOYROOM JR-TRD01 140W 5-in-1 USB C Charging Station
- Power Cable
- Anti-Slip Silicone Pad
- User Manual (this document)



Image 2: The JOYROOM JR-TRD01 charging station and its included accessories.

### 3. SETUP

#### 3.1 Placing the Charging Station

1. Remove the protective film from the adhesive side of the Anti-Slip Silicone Pad.
2. Attach the Silicone Pad to a clean, flat surface on your desk. The adhesive ensures stability, and the magnetic design helps secure the charging station.
3. Place the JOYROOM JR-TRD01 Charging Station onto the Silicone Pad. The magnetic base allows for a secure attachment and 180° rotation for optimal positioning.



Image 3: Demonstrates attaching the magnetic silicone pad to a desk and placing the charging station on it for secure, one-handed use.

### 3.2 Connecting to Power

4. Connect the provided Power Cable to the input port on the back of the charging station.
5. Plug the other end of the Power Cable into a wall outlet. The 1.54-inch Smart LCD Display will illuminate, indicating the device is powered on and ready for use.

## 4. OPERATING INSTRUCTIONS

### 4.1 Using the Retractable USB-C Cables

- Gently pull the USB-C connectors (C2/C3) located on the top of the charging station to extend the cables. Each cable extends up to 2.6 feet (80 cm).
- Connect the extended USB-C cables to your compatible devices (e.g., laptops, tablets, smartphones).
- To retract the cables, pull them slightly further, then release. They will automatically retract back into the charging station, keeping your desk tidy.

# Pull Out to Charge Retract to Store

Dual 100W Retractable Cables



Image 4: Demonstrates pulling out and retracting the built-in USB-C cables for convenient charging.

## 4.2 Using Fixed USB Ports

- The front panel features one 140W USB-C port (C1) and two 30W USB-A ports (A1/A2).
- Connect your devices using appropriate USB cables to these ports. The charging station will intelligently distribute power based on the connected devices.

## 4.3 Smart LCD Display Interaction

- The 1.54-inch high-refresh LCD display shows real-time charging status.
- **Single Tap:** Tap the touch control area (circular icon) once to cycle through different display modes, showing total power output or individual port output.
- **Double Tap:** Double-tap the touch control area to change the animated emoji displayed on the screen.
- **Triple Tap:** Triple-tap the touch control area to rotate the screen 90° clockwise, adapting to the charging station's orientation on its magnetic base.

Video 1: Official JOYROOM video demonstrating the USB C Charging Station's features, including the smart LCD display and retractable cables.

This video showcases the product's design, functionality, and user interaction with the smart display, highlighting its convenience and efficiency.

## 5. CHARGING GUIDE

The JOYROOM JR-TRD01 intelligently distributes power across its ports. The maximum output for each port varies depending on the number of devices connected simultaneously. Refer to the table below for detailed power distribution.

Charging Scenario	Power Distribution
<b>1-Port Charging</b>	C1: 140W C2: 100W C3: 100W A1: 30W A2: 30W
<b>2-Port Charging</b>	C1 + C2 / C3: 70W + 70W C2 + C3: 30W + 100W C1 / C2 / C3 + A1 / A2: 100W + 30W A1 + A2: 15W
<b>3-Port Charging</b>	C1 + C2 + C3: 20W + 20W + 100W C1 + C2 / C3 + A1 / A2: 20W + 100W + (15W) C2 + C3 + A1 / A2: 20W + 100W + 15W C1 / C2 / C3 + (A1 + A2): 100W + (15W)
<b>4-Port Charging</b>	C1 + C2 + C3 + A1 / A2: 20W + 20W + 80W + 15W C1 / C2 / C3 + (A1 + A2): 20W + 100W + (15W) C2 + C3 + (A1 + A2): 20W + 100W + (15W)
<b>5-Port Charging</b>	C1 + C2 + C3 + (A1 + A2): 20W + 20W + 80W + (15W)



**Easily Share Power  
with Colleagues or Family**

Image 5: Detailed charging guide illustrating power distribution across multiple ports.

## 6. KEY FEATURES

- **140W Ultra-Fast Desktop Charging:** Delivers up to 140W total output, capable of charging a 16-inch MacBook Pro to 50% in just 25 minutes.
- **Dual 2.6ft Retractable USB-C Cables:** Built-in 100W retractable USB-C cables eliminate clutter and extend charging range, complemented by a 5ft power cord.
- **180° Rotatable Design:** The charger features a 180° rotatable structure with a magnetic base, adapting to various desktop positions and screen orientations for seamless access.
- **1.54" High-Refresh LCD with Dynamic Visual Interaction:** A vibrant display with smooth animations provides engaging real-time power data and customizable emojis.
- **Universal Compatibility & Multiple Safety Protections:** Supports broad protocols (PD3.1, PPS, AFC, SCP, FCP, QC3.0) for Apple, Samsung, Huawei, Xiaomi, and more. Includes over-current, over-voltage, over-temperature, overload, and short-circuit protections.

Video 2: Official JOYROOM video showcasing the VIRO 140W All-in-One Charger, highlighting its compact design, multiple ports, and fast charging capabilities.

This video provides a quick overview of the product's main selling points and how it simplifies charging multiple devices.

## 7. SPECIFICATIONS

<b>Brand</b>	JOYROOM
<b>Model Number</b>	JR-TRD01
<b>Wattage</b>	140 watts
<b>Total USB Ports</b>	5 (3x USB-C, 2x USB-A)
<b>Input Voltage</b>	240 Volts

<b>Output Current</b>	5 Amps
<b>Output Voltage</b>	15 Volts
<b>Special Feature</b>	Fast Charging, Retractable Cables, Smart LCD Display, GaN Technology
<b>Compatible Devices</b>	Cellular Phones, Laptops, Tablets, Smartwatches, Earbuds (e.g., Galaxy S24/S23/S22, iPhone 16/15/14, MacBook Air/Pro, iPad Pro/Air/Mini, Google Pixel, Microsoft Surface Pro, HP Spectre, Dell XPS, ASUS Chromebook, Lenovo ThinkPad/Chromebook)
<b>Included Components</b>	User Manual, Power Cable, Anti-Slip Silicone Pad

**TEST REPORT**

Report No.: BCTC2508590463S

Applicant: Shenzhen Nito Power Source Technology Co., Ltd.

Product Name: JOYROOM PODIX 140W 5-Port Desktop GaN Charger

Test Model: JR-TRD01

Tested Date: 2025-08-12 to 2025-09-09

Issued Date: 2025-10-15

Shenzhen BCTC Testing Co., Ltd.

**FCC Supplier's Declaration of Conformity**

Declaration Number: BCTC2508590463S

Applicant: Shenzhen Nito Power Source Technology Co., Ltd.  
7, Building 2, Shihua Living Fangda Industrial Factory, No. 49 Wuhe Avenue South, Wuhe Community, Banlian Street, Longgang District, Shenzhen

Manufacturer: Shenzhen Nito Power Source Technology Co., Ltd.  
7, Building 2, Shihua Living Fangda Industrial Factory, No. 49 Wuhe Avenue South, Wuhe Community, Banlian Street, Longgang District, Shenzhen

Product: JOYROOM PODIX 140W 5-Port Desktop GaN Charger

Trademark: JOYROOM

Model/Type Reference: JR-TRD01

Report No.: BCTC2508590463S

Test Standard: CFR 47 FCC Part 15 Subpart B  
ANSI C63.4:2014

Note: This document is only a proof to demonstrate that the product complied with FCC requirements. While according to FCC Supplier's Declaration of Conformity procedure, the local responsible party should prepare a compliance information statement to be supplied with the product at the time of marketing.

400-788-9558 / 0755-32936262 www.chnbctc.com

## Next-Gen GaN Ultra Faster & Safer Charging

- EMI Protection
- Overload Protection
- Overload Protection
- Over-heat Protection
- overvoltage Protection
- Lightning surge Protection

Image 6: Highlights the Next-Gen GaN technology and multiple circuit protections for faster and safer charging.

## 8. SAFETY INFORMATION

The JOYROOM JR-TRD01 is equipped with multiple circuit protections to ensure safe operation:

- Over-Current Protection

- Over-Voltage Protection
- Over-Temperature Protection
- Overload Protection
- Short-Circuit Protection
- Lightning Surge Protection
- EMI Protection

Always use the device in a well-ventilated area. Avoid exposing the charger to extreme temperatures, direct sunlight, or moisture. Do not attempt to disassemble or repair the device yourself.

For more detailed safety information, please refer to the included User Manual.

[View BCTC Test Report for JR-TRD01](#)

## 9. MAINTENANCE

- To clean the charging station, disconnect it from the power source and wipe it with a soft, dry cloth.
- Do not use liquid cleaners or aerosol sprays.
- Ensure the retractable cables are free from obstructions when extending or retracting.

## 10. TROUBLESHOOTING

- **Device not charging:** Ensure the charging station is properly plugged into a working power outlet. Check all cable connections to your devices. Try a different port or cable.
- **Slow charging:** Verify that your device supports fast charging protocols. Ensure the cables used are rated for the required power. Power distribution may vary when multiple devices are connected; refer to the Charging Guide.
- **Display not working:** Disconnect and reconnect the power cable. If the issue persists, contact customer support.
- **Retractable cables not working smoothly:** Ensure there are no obstructions. Avoid pulling the cables at extreme angles.

## 11. WARRANTY & SUPPORT

The JOYROOM JR-TRD01 140W 5-in-1 USB C Charging Station comes with a **2-Year Manufacturer Warranty**.

For technical support, warranty claims, or any inquiries, please contact JOYROOM customer service through their official website or the retailer where the product was purchased.