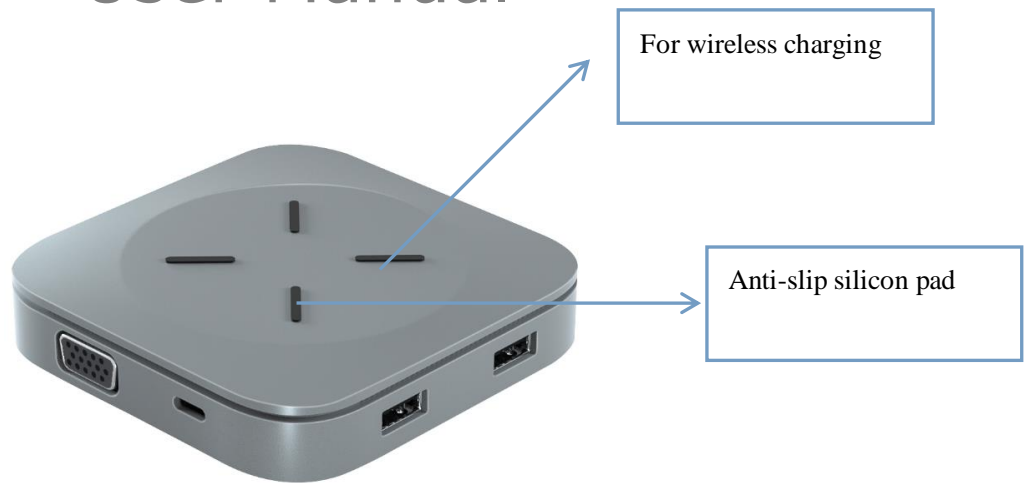


# Type-C to HDMI/VGA/USB-Ax2/Type-C Data or PD Charging Adapter with Wireless Charging

User Manual



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## DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

### 1.0 INTRODUCTION

This is a Type-C 5-in-1 Adapter with wireless charging function. It integrates the function of a normal adapter and a wireless charging adapter into one, besides, its captive cable can be wrapped on the bottom, bringing customers great user experience and convenience. With wireless charging function, users can charge their devices with max 10W power by putting devices on the surface which is designed with anti-slip silicon pad. What's more, this product provides video, data and PD charging port to extend a single Type-C port of the host to be multiple ports.

It can work on all Type-C and Thunderbolt™3 host that supports DP Alt mode. When working on Thunderbolt™3 host, this product transmits DP signal.

### 2.0 FEATURES

#### **Wireless Charging:**

- Support wireless charging with max 10W power, auto-adjust to 2.5W/5W/7.5W based on requirement the connected device and the capacity of power source

#### **When PD Adapter is connected, PC is not connected**

- Support max 10W wireless charging when PD Adapter power is over or equal to 27W, support max 5W wireless charging when PD Adapter power is less than 27W

#### **When PC is connected, PD Adapter is not connected**

- Support max 5W wireless charging when host charging capacity is over or equal to 15W, support max 2.5W wireless charging when host charging capacity is less than 15W

#### **When both PC and PD Adapter are connected**

- Support max 10W wireless charging when PD Adapter power is over or equal to 30W, support max 5W wireless charging when PD Adapter power is less than 30W

- Support over-temperature protection, when the surface temperature surpasses threshold temperature, the wireless charging function will stop to work and will not return to work automatically until the temperature reduces within the safe temperature, so as to keep the charging device from being damaged due to high temperature
- Support DP1.2 Alt mode, with bandwidth max 5.4Gbps per lane, 4 lanes 21.6Gbps
- Support HDMI max 4K/30Hz, VGA max 1920x200/60Hz
- Support to output HDMI and VGA simultaneously under SST mode (output the same picture) with max 1080P/60Hz
- Support HDCP2.2&1.4
- Compact design
- Type-C captive cable can be wrapped on the bottom of this design, offering great convenience for users
- Support Fast Role Swap of PD 3.0, the connected device will not get disconnected while plugging in and out PD Adapter
- Supports max 5Gbps data transmission for USB-A port, one USB-A supports max 1.5A downstream charging, 2 USB-A share max 1.5A downstream charging
- Support over-circuit protection, over-current protection
- Type-C female supports max 100W PD Charging or 5Gbps data transmission
- Type-C female supports **Dynamic Current Detection** and **Power Distribution** which enables to distribute power according to actual consumption of the connected device , taking full advantage of power supply and dynamically charging the host with more power.  
**Note: 3W is reserved for the product when no external device connected, more power will be dynamically provided based on the required power of the connected devices.**
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### 3.0 SPECIFICATIONS

Connector		Parameter
Upstream	Type-C Male x1	Support DP1.2 Alt mode, 5.4Gbps per lane, 4 lanes 21.6Gbps
Downstream	HDMIX1	<ul style="list-style-type: none"> <li>➤ max 4K/30Hz</li> <li>➤ 8/10/12 bit color depth</li> <li>➤ RGB4:4:4/YCbCr4:4:4/YCbCr4:2:2</li> <li>➤ HDCP2.2&amp;1.4</li> </ul>
	VGAX1	<ul style="list-style-type: none"> <li>➤ Max 1920X1200/60Hz</li> </ul>
	Support to output HDMI VGA simultaneously under SST with max 1080P/60Hz	
	USB-AX2	<ul style="list-style-type: none"> <li>➤ Max 5Gbps data transmission</li> <li>➤ One USB-A supports max 7.5W (5V/1.5A)</li> <li>➤ Another USB-A supports max 4.5W(5V/900mA)</li> <li>➤ 2 ports share max 7.5W(5V/1.5A)</li> </ul>
	Type-C Female x1	<ul style="list-style-type: none"> <li>➤ Support max 100W PD Charging</li> <li>➤ Support fast role swap of PD3.0</li> <li>➤ Max 5Gbps data transmission</li> </ul>
Wireless Charging		Max 10W, auto-adjust to 7.5W/5W/2.5W based on the requirement of the connected device and the capacity of power source
<b>Mechanical</b>		
Size (L-W-H)		90*90*24.5mm
Weight (Net)		148g
<b>Warranty</b>		
Limited Warranty		1 Year
<b>Environmental</b>		
Operating Temperature		0°C to +45°C
Operating Humidity		10% to 90 % RH (no condensation)
Storage Temperature		-10°C to +70°C
Storage Humidity		10% to 90 % RH (no condensation)
<b>Power Supply</b>		
USB-C PD Charging Port		100W(20V/5A)
<b>Regulatory Approvals</b>		
Certifications		FCC,CE

<b>Accessory Adapter</b>	
User Manual	English Version

## 4.0 PACKAGE CONTENTS

To achieve the most effective wireless charging effect, please keep the following tips:

- 1) It is suggested to keep the surrounding temperature to be around 25°C and keep ventilation;
- 2) Make sure that wireless charging coil of the mobile phone is put rightly on the center of the wireless charging area;
- 3) It is suggested not to wireless charge mobile phone when this product is full loaded or heavily loaded. (Note: when in full loaded or heavily loaded mode, this product will be in a higher temperature than in no loaded or light loaded state, then those mobile phones (iPhone 8Plus/Samsung Note 9 etc) which are sensitive to high-temperature sensitive may automatically reduce charging power, resulting in a slower charging speed)

## 5.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit x1
- User Manual x1

## RF EXPOSURE STATEMENT

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

This equipment meets the exemption from the Nerve Stimulation Exposure Limits in section 6.5 of SPR-002. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Cet équipement répond à l'exemption des limites d'exposition à la stimulation nerveuse de la section 6.5 du SPR-002. Il doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et toute partie de votre corps.

## **FCC WARNING**

This device complies with Part 18 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **IC WARNING**

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;

2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## 6.0 CONNECTION DIAGRAM

