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Dockteck DD0027 iPad Pro USB-C Hub Multiport Adapter 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.

INTRODUCTION

This is a 5-in-1 Type-C hub with HDMI, USB-A3.0 USB-A2.0, 3.5mm audio, and Type-C PD charging, of which the ID design perfectly suits Apple iPad Pro. This hub adopts the latest DP1.4 Alt mode supported IC, enabling to output HDMI video with a max 4k/60Hz and at meanwhile transfer USB 3.2 Gen 1 data with a max 5Gbps. Besides, the Type-C female supports PD 3.0 with a max of 100W PD Charging when connecting a PD Adapter.It can work on all DP Alt mode-supported Type-C hosts.

FEATURES

- Simple, slender and space-gray shell
- New ID makes the plug better connected to the iPad
- Support DP1.4 Alt mode, downward compatible with DP1.2 Alt mode
- Support HDMI max 4K/60Hz
- Support 6/8/10/12-bit color depth output
- Support output pixel format RGB/YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0
- Support HDCP 2.2&HDCP1.4
- Support HDR
- Support mic in and phone out with digital audio max 96KHz ADC sampling rate and 24bits ADC resolution
- Support CTIA&OMTP auto-detection
- 2 USB-A ports share max 1.5A one USB-A port supports USB2.0 another supports USB3.0
- Support PD Charging 100W (20V/5A) max 92W for host
- Support Fast Role Swap of PD 3.0, the connected device will not get disconnected while plugging out the PD Adapter

SPECIFICATIONS

Connector	
Upstream	Type-C Malex1
Downstream	HDMIx1 USB-A 2.0×1 USB-A 3.0×1 3.5mm combo audiox1 Type-C Femalex1 (PD Charging)

Type-C Malex1(Connect to host)

Ø Support DP1.4 Alt mode,downward compatible with DP1.2 Alt mode

Note: To get max bandwidth, the host should support standard

DP1.4 Alt mode with DSC3:1 and HBR3

HDMI Femalex1

Ø Support HDMI max 4K/60Hz

Ø Support 6/8/10/12 bit color depth output

Ø Support output pixel format RGB/YCbCr4:4:4/YCbCr4:2:2/ YCbCr4:2:0

Ø Support HDCP 2.2&HDCP1.4

Ø Support HDR

Note: When connecting a DP1.4 Alt mode-supported host, the max resolution of HDMI is 4k/60Hz; When connecting a DP1.2 Alt mode-supported host, the

max resolution of HDMI is 4k/30Hz due to bandwidth limitation

USB-A 2.0X1

Ø Support USB2.0 specification

Ø Support max 480Mbps data transmission

Ø Max 5V/500mA downstream power supply

USB-A 3.0X1

Ø Support USB3.0 specification

Ø Max 5Gbps bandwidth

Ø Max 5V/900mA downstream power supply

Note: It's not suggested to charge for phone or connect to heavy load USB devices through the port max 7.5W(5V@1.5A) of this product. Since max output of iPad is 1.5A, if connected for phone charging or to heavy load USB

devices plus other power consumption, it may cause overload protection.

When two USB ports output more than 1A totally, it's suggested to connect a

PD adapter to supply enough power.

3.5mm combo audioX1

Ø Support phone out with digital audio max 96KHz ADC sampling rate and 24bits ADC resolution

Ø Support Mic in with digital audio max 96KHz ADC sampling rate and 24bits ADC resolution

Ø Support CTIA&OMTP auto detection

Note: Audio can be output from HDMI or 3.5mm audio port, below explanation illustrates the priority of audio out put when both HDMI and 3.5mm audio ports are connected.

1)   When Ipad pro is connected to this product prior to devices, audio outputs from the port that is connected a t last.

2)   When devices are connected prior to Ipad pro, audio outputs from 3.5mm

audio port

Type-C Femalex1(for PD Charging)

Ø Support PD Charging 100W (20V/5A)

Ø Support Fast Role Swap of PD 3.0, the connected device will not get disconnected while plugging in and out PD Adapter

Ø 8W is dedicated to the functioning of this product, the rest power

(max 92W) will be passed to charge for the host

Physical Parameter	
Size	104.65*25*8mm
Weight	38g
Environmental	
Operating Temperature	0 ℃ to +45℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +70℃
Storage Humidity	5% to 90 % RH (no condensation)
Certifications	FCC,CE
Power Requirement	
Power Source	USB Bus Power or PD power adapter(Up to 100 W)
Accessories Adapter	
User Manual	English Version

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

CONNECTION DIAGRAM

Documents / Resources

Type-C 5-in-1 Multiple Port Adapter for Ipad User Manual	**Dockteck DD0027 iPad Pro USB-C Hub Multiport Adapter** [pdf] User Manual DD0027 iPad Pro USB-C Hub Multiport Adapter, DD0027, iPad Pro USB-C Hub Multiport Adapter, USB-C Hub Multiport Adapter, Hub Multiport Adapter, Multiport Adapter, Adapter

References

- **User Manual**