PROKORD User Manual

Contents

14-IN-1 TYPE-C TRIPLE DISPLAYS DOCKING STATION WITH DP ALT MODE AND DISPLAYLINK
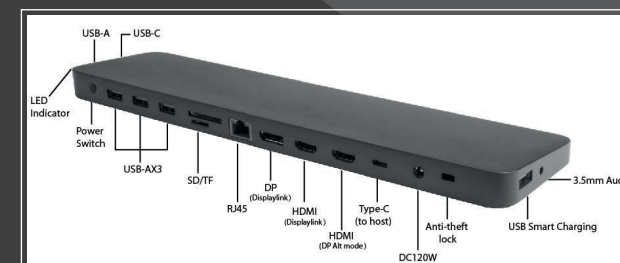
1

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 14-in-1 Triple displays docking station with DP Alt-C mode and displaylink solution, which is used for extending a Type port or USB-A port(via a Type -C to USB converter) to be multiple audio,video, data an d power ports, providing an ideal solution to satisfy users' extending requirement in an all round way. This dock has 3 video ports (2 HDMI, one from DP Alt mode, one from USB mode, 1 Displayport from USB mode) for video experience, 4 USB -A 3.1 Gen 1 and 1 Type-C 3.1 Gen 1 for data transmission, RJ45 for super high speed Ethernet, SD/TF card slots for connecting memory cards. Besides, it has a smart charging port, bringing fast charging performance for connected mobile device(Apple,samsung phones, pads,etc) . A 120W power adapter is provided to supply power for the function of this dock and charge the host with max 80W (20V/4A). This dock is a bottom design with can be put on the bottom of the host. It can work on DP Alt mode supported Type -C and USB -A host.

2.0 PORT DESCRIPTION

2

3.0 FEATURES

- Support DP1.2 Alt mode and Displaylink USB mode
- Designed for extending Type-C port or USB- A port (by connecting a TypeC to USB-A converter)to be multiple video,data and power ports
- Allow to output triple videos(dual 4K/60Hz+4K/30Hz) to work simultaneously with MST under both Mac and window system
- HDMI 1 (DP Alt mode) supports max 4K/30Hz
- HDMI 2 (USB mode) supports max 4K/60Hz
- DP(USB mode) support max 4K/60Hz
- Support DP++
- Support smart charging with max 5V/2.4A
- Support Gigabit Ethernet to get access to super fast network
- Support UHS-I SD3.0 with max 104Mbps, allow 2 card slots to work simultaneously
- Support audio in and out
- Support max 120W DC power in and bypass 80W to host
- Short-circuit, over-current, over-voltage protection
- Bottom design, which allows to put this dock on the bottom of the host

Note:
1) This dock will not work without external power supply
2) When connected to DC power directly without connecting to the host, this dock has normal function only for USB smart charging port, no function for other ports
3) When connected to a USB-A host via a USB-A to USB-C Adapter, HDMI port.1 (DP Alt mode) has no function , other ports can work the function as connected to Type -C host

3

4.0 SPECIFICATIONS

Input/Output Connector	
Upstream	USB-C Female(to Type-C Host) x1
Downstream	USB-C Female (data) x 1
	USB-A 3.1 Gen 1 x 4 USB-A Smart Charging port x 1
	HDMI Female x 1 (DP Alt Mode)
	HDMI Female x 1 (USB Mode)
	DP Female x 1 (USB Mode)
	SD Female x 1 TF Female x 1 RJ45 x 1
	CK3.5 Phone Socket (Microphone and headphone)
	DC Power Socket x 1

Type-C Femalex1(to host)
- Support DP Alt mode and USB Mode
- Allow to connect to a USB-A host via a USB-A to Type-C converter for extending USB-A port to be multiple ports

HDMI Female 1 (Near Type-C port, DP Alt mode)
- Support max 4K/30Hz
- Support HDCP2.2&1.4
- Support RGB 8/10/12bpc; YCbCr 4:4:4;YCbCr 4:2:2; YCbCr 4:2:0
- Support CEC
Note: when connected to a USB-A host, this port has no function (this port is from DP Alt mode, when connected to a USB-A host, those video ports from DisplayPlink USB mode can function well)

HDMI Female 2 (USB Mode, near DP port)
- Support max 4K/60Hz
- Low latency
- Pixel-perfect graphics
- Adapt automatically to bandwidth constraints

DisplayPort Female (USB Mode)
- Support DisplayPort 1.2 with max 4K/60Hz
- Support DP++, allows to connect HDMI display with a passive DP to HDMI Adapter

4

USB-AX4
- Support USB 3.1Gen 1 with max 5Gbps data transmission, backward compatible with lower versions
- Max 900mA downstream charging per USB-A port
- 4 USB-A share max 3.5A downstream charging with Type-C data port
- Short-circuit, over-current, over-voltage protection

USB-C (data) x1
- Support USB 3.1Gen 1 with max 5Gbps data transmission, backward compatible with lower versions
- Max 5V/1.5A downstream charging per
- 4 USB-A share max 3.5A downstream charging with Type-C data port
- Short-circuit, over-current, over-voltage protection

USB-A Smart charging portx1
- Support Apple, Samsung and other quick charging phone and pad
- Support max 5V/2.4A quick charging

RJ45x1
- Support Gigabit Ethernet,10M/100M/1000M
- Support Wake-On-LAN
- Light indicator indicates the state, no light when no Internet connected, orange light turns on when network connection is established, green light flashes when transmitting data.

SD/TFX1
- Support UHS-I up to 104MB/s data rate
- Secure Digital™ v3.01 UHS-I (Ultra High Speed): SDR12/ SDR25/ SDR50/ DDR50/ SDR104
- Support 2 card slots to work simultaneously

3.5mm audioX1
- Support microphone and headphone for audio in and out
- Support CTIA

DC Jack
- Support max 120W(20V/6A) power in
- Bypass max 80W (20V/4A) to charge PC

Warranty	
Limited Warranty	1 Year

Physical

5

Weight	400g
Environmental	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 90 % RH (no condensation)
Storage Temperature	0°C to +70°C
Storage Humidity	10% to 90 % RH (no condensation)
Regulatory Approvals	
Certifications	FCC,CE
Accessory	
User Manual	English Version

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:
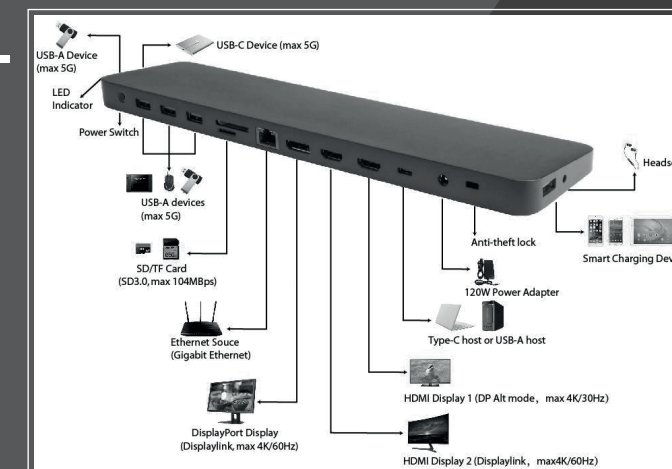- Main unit x1
- User Manual x1
- Type-C M to M Cable
- DC Power 120W(20V/6A)x1
- DC Power Cable 1.2Mx1

Note:

1) Please install DisplayLink USB Graphics Driver on your computer before using this product, or DP, HDMI(USB Mode) and audio port will have no output. You can upload corresponding driver from below DisplayLink official website: www.displaylink.com;
2) The light turns purple (blue+red) when turned on, turns blue when turned off (standby mode). This product is defaulted to be turned on once electronics connection established;
3) Audio Graphics card can be switched among PC, DP Alt mode port connected display and the DL-DOCK. If Audio Graphics card is switched to the docking , no audio will be output from display when headset is connected.

6

6.0 CONNECTION DIAGRAM

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7