

USB-C Casting Dongle for Apollo & Presentation Switchers

APO-DG1

WyreStorm

Quickstart Guide

💡 WyreStorm recommends reading through this document in its entirety to become familiar with the product's features prior to starting the installation process.

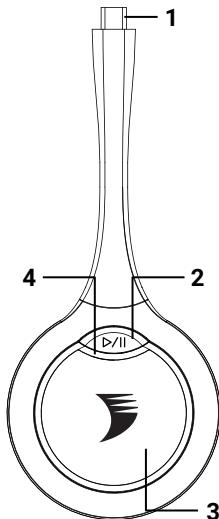
⚠️ IMPORTANT! Installation Requirements

- Visit the product page to download the latest firmware, document version, additional documentation, and configuration tools.

In the Box

1x APO-DG1 USB-C Dongle
1x USB-C to USB-A Pairing Adapter

Panel Description

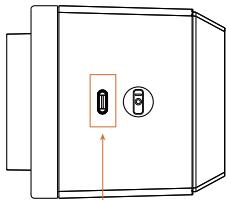


Number	Name	Description
1	USB Type-C Port	Connect to the Apollo or Presentation Switcher for pairing or source device for sharing content.
2	Play/Pause Button	Press the Play/Pause to stop or continue the content shared to the display (source content not affected).
3	Project Button	Short Press: Short press button to share content or disconnect. Hold the Button for at least 2s: When using Multiview and multiple screens are shown on the connected display, hold the button for at least 2s, the content shown through the dongle will be shown in full screen.
4	LED Indicators	Blinking White: The dongle is pairing or establishing connection with the receiver device. Fast Blinking White: The dongle is upgrading firmware. Solid Dim White: The dongle is sending content. Solid White: The dongle is connected to the receiver successfully

Pair with APO-VX20-UC

- Insert the USB-C connector of the dongle into the USB-C port on the right side of the video bar.
- A message will appear on the display connected to the VX20 saying "Pairing Dongle". Wait for the pairing process to complete before disconnecting the APO-DG1.

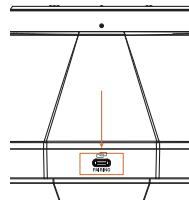
Note: Up to two dongles can be paired with a VX20.



Pair with APO-200/210-UC

- Insert the USB-C connector of the dongle into the USB-C port on the side of the Apollo device.
- A message will appear on the display connected to the Apollo device saying "Pairing Dongle". Wait for the pairing process to complete before disconnecting the APO-DG1.

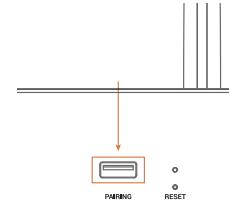
Note: Up to two dongles can be paired with an Apollo.



Pair with SW-220/540-TX-W

- Attach the included USB-A to USB-C adapter to the APO-DG1
- Connect the APO-DG1 to the 'Pairing' USB-A port on the front of the switcher
- A message will appear on the display connected to the Switcher saying "Pairing Dongle". Wait for the pairing process to complete before disconnecting the APO-DG1.

Note: Up to two dongles can be paired with a Switcher.



Troubleshooting

No or Poor Quality Picture (snow or noisy image)

- Verify that WyreStorm APO-DG1 is connected correctly
- Verify that the device is not in 'pause' mode
- Verify that APO-DG1 is paired to the correct Apollo or Presentation switcher

No Audio Input or Output

- Verify that the volume on your PC/Mac is not muted
- Verify that the volume on the display is not muted

Specifications

Audio and Video	
Video Resolution	1920x1080p @30Hz
Outputs	USB-C
Wireless	
Frequency	Dual band 5Ghz, 2.4Ghz
Protocol	802.11ac
Security	WPA2-PSK, 802.1x
Communication and Control	
OS Compatibility	Windows 7/10/11 MacOS, ChromeOS
USB	USB 2.0 Type-C
Power	
Power Supply	USB Powered
Power Consumption	2.2w
Dimensions and Weight	
Length	165mm/6.5n
Width	69mm/2.71in
Height	16mm/0.65in
Weight	60g/0.13lb
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC



This device complies with part 15 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Manufacturer: Shen Zhen Proitav Technology Co.,Ltd
Address: 301-401, Building 16, Hejing Industrial Park, No.87, Hexiu West Road, Zhancheng Community, Fuhai Street, Baoan District, Shenzhen, China

Operating temperature : 0°C to 45°C

We declare that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Operation Frequency: 2412~2462MHz; 5150~5250MHz; 5725~5850MHz
Maximum Power:
RED: 2.4G: 12.32dbm; 5G: 16.42dbm; 5.8G: 13.18dbm
FCC: 2.4G: 18.24dbm; 5G: 13.80dbm; 5.8G: 11.67dbm

Warranty Information

WyreStorm Technologies ProAV Corporation warrants that its products to be free from defects in material and workmanship under normal use for a period of five (5) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.



Warnings of SAR

For body worn operation, the device has been tested and meets the FCC RF exposure.

Guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 5mm from the body.