



DIGITALINX  
BY LIBERTY AV SOLUTIONS

## USB 3.0 Powered HUB Quick Install Guide



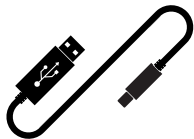
DL-7USB-PHUB | DL-4USB-PHUB

# Product Overview

The Liberty AV DL-7USB-PHUB or DL-4USB-PHUB is a commercial grade, USB 3.0 SuperSpeed, 4 or 7 port powered USB hub designed to expand the capability of your computer all through a single cable. Interact with up to seven USB devices simultaneously while providing full USB 3.0 charging power (5v 900mA per port). Transfer data and power devices like web cameras, capture cards, tablets, thumb drives, smart boards, microphones, and other USB peripherals with ease. The powered USB hub can fully support data transfer rates from SuperSpeed, Hi-Speed, and Full-Speed USB connections and is fully backward compatible to all USB 2.0 and USB 1.1 hosts.

Featuring a low-profile design, the Liberty AV powered hub can be mounted in various locations, such as conference tables, display walls, and equipment racks (brackets included). No drivers or downloads are required for installation; although, connected USB peripherals may require a driver. All USB 3.0 Ports are compatible with USB 2.0 devices—just remember the device will perform only at a USB 2.0 speed. The powered hub comes with a USB 3.0 cable, industrial-grade aluminum alloy with ventilation holes with LED indicators, mounting brackets, and an external power supply.

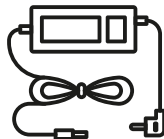
## Package Contents



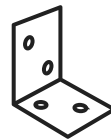
(x1) 1m  
USB cable



(x1) Quick  
Start Guide



(x1) Power  
Supply



(x2) Mounting  
Brackets

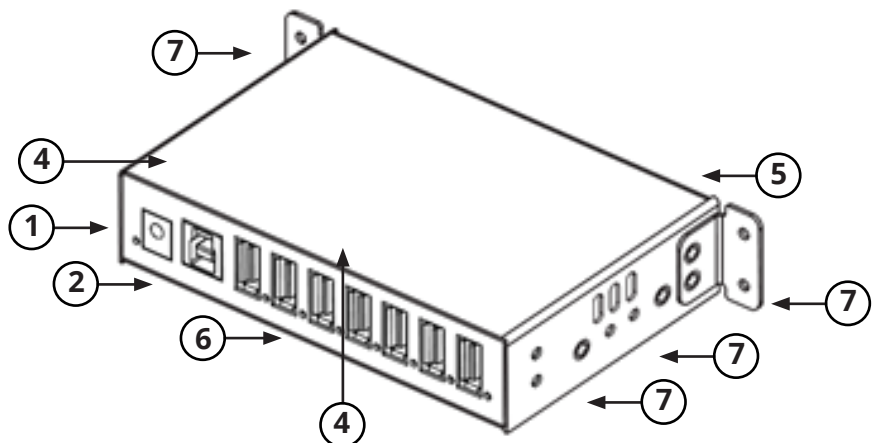


(x1) USB  
3.0 Hub

## Product Breakdown

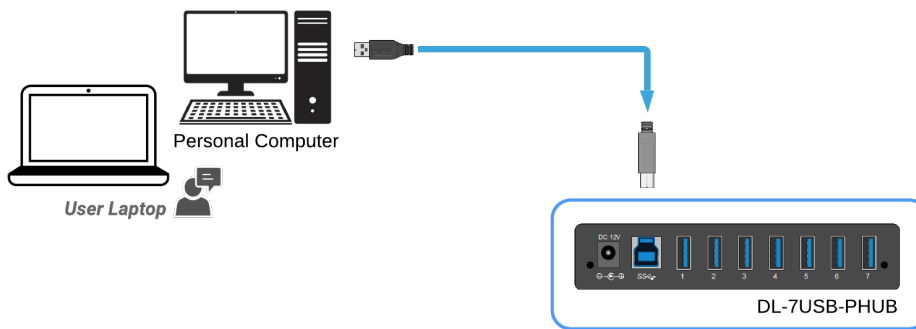
### Start Guide

1. DC Power
2. USB 3.0 Type B
3. LED Indicator for PC Status
4. LED Indicator for Power Status
5. Kensington Security Slot
6. USB 3.0 Type A
7. Mounting Bracket Location

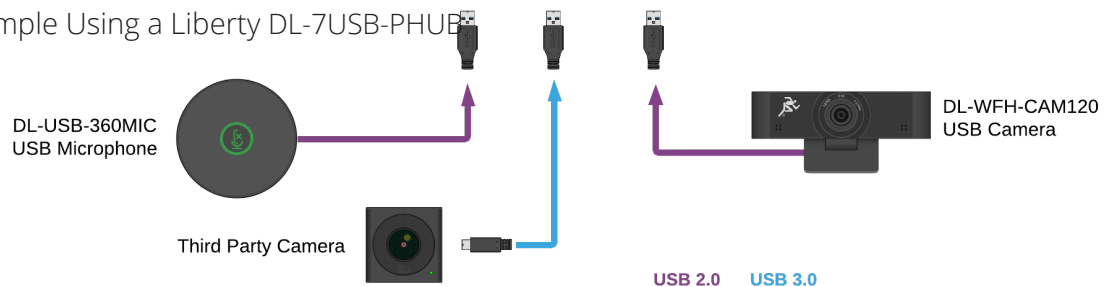


# Setting Up Your Device

- Requirement: A Host with one available USB 3.0 port (compatible to any host OS of Windows/Android/ios).
- Plug the provided power adapter into Liberty AV USB powered hub and then connect the power plug into the electrical outlet.
- Plug the USB Type B end of the provided USB cable into the labeled “HOST” port on the Liberty AV USB powered hub and the other end into your computer.
- The Operating System on your computer will detect the Liberty AV USB powered hub.
- Connect USB peripherals into one of the USB ports on the Liberty AV USB powered hub.

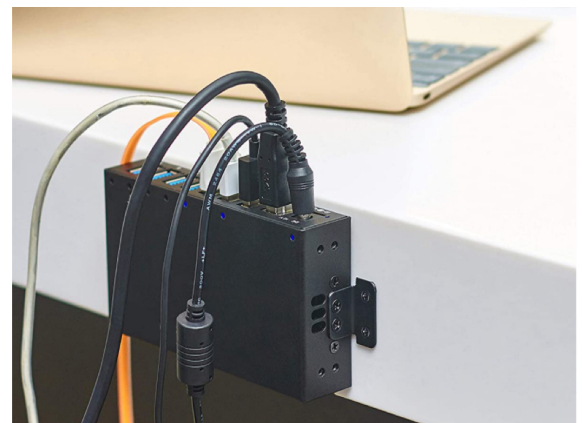


## \*Connectivity Example Using a Liberty DL-7USB-PHUB



- Placement: The powered hub should be placed on a sturdy flat surface; use provided mounting brackets if necessary.

**Note:** It is the responsibility of the installer to ensure the hub and its mounting hardware are firmly secured so that the hub does not fall. Anchoring hardware appropriate to the wall type must be selected and provided by the installer.



Mounting Example

# Maintenance and Troubleshooting

## Maintenance

- If the USB hub is not in long-term use, please reseal the power adapter.
- When cleaning the USB hub, disconnect all connections, including power. Please use a dry, soft cloth to wipe. If the dirt is serious, use a neutral cleaner gently. Do not use strong or corrosive detergent.

## Avoid

- Low-cost, uncertified USB cables.
- Spilling liquid on the USB hub.

## Troubleshooting

- Computer software doesn't detect the connected USB peripherals when connected to the hub:
  - Step 1: Make sure that any other applications that are using the said peripheral(s) are fully closed.
  - Step 2: Within the software of your choice, make sure you have selected the device under "audio & video settings".
  - Step 3: Make sure the USB drivers on your computer are up to date.
- Computer hardware doesn't detect the USB Hub:
  - Step 1: Reconnect the hub's USB cable to your computer.
  - Step 2: Restart your computer.

## Additional Information

Experimenting with the position of the mic with respect to the audio source will ensure the optimal results you are seeking in any given application.

# Technical Specifications

<b>USB Hub</b>	
Case Material	Industrial grade Metal Chassis with metal brackets
Supported Transfer Rates	Transfer rate of 5Gbps/1.5 Mbps/12 Mbps/480 Mbps
Power Protection	Over current, over voltage, short circuit protection
USB Specifications	Fully compatible with USB 2.0/3.0/1.0 specification. Fully backwards compatible with USB 2.0/1.0 specification.
LED Indicator	RED LED: Power ON; Blue LED: Status for USB Periphial
<b>Features</b>	
Operating System	Windows®7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
USB Charging Protocol	Supports USB-IF Rev 1.2 and BC 1.2
USB Communication Protocol	UVC 1.1
<b>Input/Output Interface</b>	
DL-7USB-PHUB USB Interface	1x USB-B 3.0 Upstream Port, 7 x USB-A 3.0 Downstream Ports
DL-4USB-PHUB USB Interface	1x USB-B 3.0 Upstream Port, 4 x USB-A 3.0 Downstream Ports
Support on Upstream Port	SuperSpeed (SS), HighSpeed (HS) and FullSpeed (FS) traffic. Note: Transfer rates are device and USB host controller dependent
Support on Downstream Ports	SuperSpeed (SS), HighSpeed (HS), FullSpeed (FS) and LowSpeed (LS) traffic
<b>Physical Parameter</b>	
DL-7USB-PHUB Power Input	DC 12V/3A, 36W
DL-4USB-PHUB Power Input	DC 12V/4A, 20W
Power	110-240V
USB Port Max Power Output	5V/1.3A per USB port, up to 15' from device
Dimension (LxWxH)	125.6mm x 70.8mm x 27.3mm (7.9"x7.05"x1.57")
Net Weight	540g (1.19lb)
Certification	CE, FCC, RoHS

Thank you for your purchase.

For Technical Support please call our  
toll-free number at 800-530-8998  
or email us at [supportlibav@libav.com](mailto:supportlibav@libav.com)

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