HDD-1312 USB 3.1
HARD DRIVE DOCK

USB 3.1 Gen 2 Dock for SATA Drives

User Manual



XCELLON®

Thank you for choosing Xcellon.

The Xcellon HDD-1312 Hard Drive Dock is the most convenient way to access data on an internal SATA-type drive. Inserting your drive into the dock allows you to work with your drives and eliminates having to open your computer and install them internally.

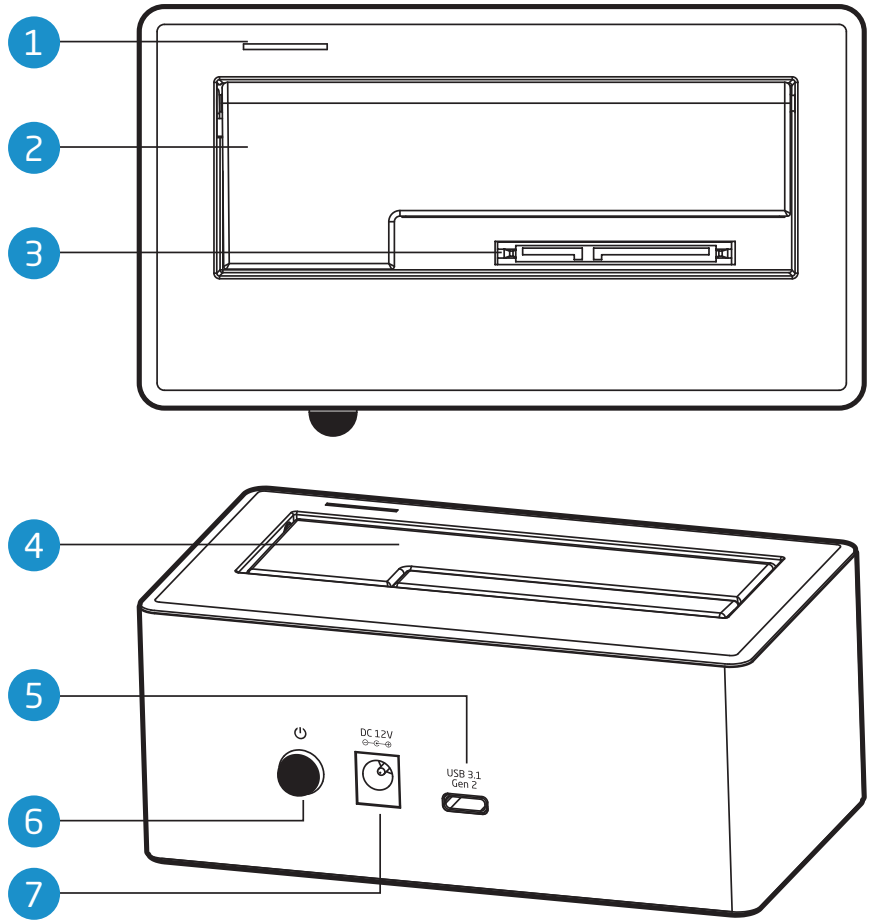
The HDD-1312 is designed for compatibility with hard disk drives and solid state drives. It accepts 2.5- or 3.5-inch SATA I/II/III drives with capacities up to 10 TB (HDD) and 8 TB (SSD). The dock is equipped with a USB Type-C™ port, and cables with USB Type-C and Standard-A connectors are included for compatibility with a wide variety of older and newer computers. The dock supports plug-and-play and hot-swapping, and it will even run off of bus power when using most 2.5-inch drives.

Precautions

- Please read and follow these instructions, and keep this manual in a safe place.
- Back up your data before using this product in order to prevent loss of important data. Xcellon will not be responsible for any data loss.
- Keep this product away from water and any flammable gases or liquids.
- Use only the correct, recommended voltage.
- Handle this product with care.
- Clean this product with only a soft, dry cloth.
- Keep this product away from children.
- Do not store this product in direct sunlight or in extreme high or low temperatures.
- All images are for illustrative purposes only.

Overview

1 Power LED
2 Protective door
3 SATA contacts
4 3.5 and 2.5 in. drive slot
5 USB Type-C port
6 Power button
7 DC power input



Also Includes

» USB Type-C to Standard-A cable
» USB Type-C to Type-C cable
» DC power adapter
» User manual

Plugging In and Setting Up

1. Use the included power adapter to connect the dock to an AC power source. Make sure the dock is turned off by verifying that the power LED is not glowing.

2. Use one of the included USB cables to connect the dock to the corresponding port on your computer.

3. Align the SATA contacts on your disk drive and the dock, and fully insert the drive into the dock.

4. Press the power button to turn on the dock. The power LED will glow blue during normal operation, purple when a drive is active, and red if a drive is damaged.

If your disk drive has been formatted, your computer will notify you that new hardware has been detected, and the drive will appear on the Desktop, in My Computer, or in the Finder.

If the drive has not been formatted, or if your computer cannot read or recognize it, you may need to format the drive. See *Formatting Your Disk* below.

! Important! To prevent data loss, do not unplug the HDD-1312, turn it off, or remove your disk drive from the enclosure until the drive has been safely ejected from the computer.

Formatting Your Disk

If your disk drive has not been formatted, or if your computer cannot read or recognize it, then you may need to format the drive. Formatting a drive will erase all of its data. If you have data on your drive, make sure to back it up before formatting.

Windows 7/8/8.1/10

These instructions will help create a formatted, whole-drive partition.

1. Windows 7: Right-click on **My Computer**, and select **Manage**.
   Windows 8, 8.1, and 10: Press Windows key+X to open the Quick Links menu. Select **Disk Management**, and skip to step 3.

2. In the middle column of the **Computer Management** window, double-click on **Storage** and then **Disk Management**.

3 In the bottom half of the middle column, you will see a list of all the connected disk drives and their partitions. Formatted drives have a blue bar, and unformatted drives have a black bar and are labeled **Unallocated**.

4 Right-click on the partition labeled **Unallocated**, and click on **New Simple Volume**. This will open the **New Simple Volume Wizard**.

5 When the **New Simple Volume Wizard** opens, click on **Next** to continue.

6 In the **Specify Volume Size** window, make sure the maximum disk space in MB is the same as the simple volume size in MB, in order to make a whole-drive partition. Click on **Next** to continue.

7 In the **Assign Drive Letter or Path** window, select a letter from the drop-down menu to assign to the disk drive. Click on **Next** to continue.

8 In the **Format Partition** window, select **Format this volume with the following settings**.

a. From the **File system** drop-down menu, select the file system you want to use for the disk.

b. Set **Allocation unit size** to **Default**.

c. Type in a name for the disk in the **Volume label** text entry box. The default disk name is "New Volume".

d. You can opt to **Perform a quick forma**t or a full format. **Perform a quick format** is the default option.

e. Make sure **Enable file and folder compression** is unselected.

f. Click on **Next** to continue.

9 Review your settings, and click on Finish. Windows will format the partition, which will appear as formatted in the middle column of the Disk Management window, and the disk will appear as a usable drive in My Computer.

macOS

1. If your disk drive is unformatted, a dialog box will appear, stating that the computer cannot read the disk. Click on Initialize to open the Disk Utility application. Alternatively, you can go to Applications/Utilities/Disk Utility.

2. In the left column of the Disk Utility window, you will see a list of connected disk drives. Select the disk you want to erase, and click on the Erase tab in the right-hand column.

3. Choose the disk name, format, and scheme in the pop-up window.

4. Click on the Erase button, and confirm your selection in the dialog box that follows. MacOS will format the disk, and it will appear in the Finder under the Devices category.

Specifications

Drive Types Supported	2.5 and 3.5 in. SATA I/II/III type HDD and SSD
Max Hard-Disk Capacity	HDD: 10 TB SSD: 8 TB
Internal Interface	SATA
External Interface	USB Type-C
Data Transfer Rate (Max)	USB 3.1 Gen 2 at 10 Gbps
Chipset	Asmedia ASM235CM
Protocols	BOT, UASP, TRIM
System Requirements	Windows 7 or later macOS 10.6.x or later Linux

Power Requirements	Most 2.5 in. drives can operate off of bus power External power supply for 3.5 in. drives AC Input: 100–240 V, 50/60 Hz, 0.6 A maximum DC Output: 12 V, 2 A
Construction	Aluminum, plastic
Operating Environment	Operation Temperature: 41°F to 95°F (5°C to 35°C) Storage Temperature: -4°F to 122°F (-20°C to 50°C)
Dimensions	5.1 × 2.2 × 2.8 in. (13 × 5.5 × 7.2 cm)
Weight	0.8 lb. (361 g)
Cables	USB 3.1 Gen 2 x1 Type-C to Standard-A x1 Type-C to Type-C

Troubleshooting

The dock will not turn on.	• Make sure the DC power adapter is fully plugged into the dock's DC power port and an AC power source. • Check your power source to make sure it's reliable. Try switching AC power sources.
The dock is turned on, but the disk does not appear on my computer.	• Make sure the USB cable is fully plugged into your computer and the dock. Try another USB port on your computer. • Make sure the drives are properly inserted into the dock. • If you're using a PC, you may need to format the disk. For more information, refer to *Formatting Your Disk* above. • Reboot the dock. • Reboot your computer.

One-Year Limited Warranty

This Xcellon product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Xcellon Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Xcellon along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.xcellongear.com or call Customer Service at 212-594-2353.

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