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USB DriveDock™ v4
USER'S MANUAL

Revised November 2, 2007



Features

- USB2 port allows attachment to all hosts, including PCs, Macs and Linux
- Natively connects to the four most common drive types (2.5" & 3.5" SATA or PATA drives)
- Two options for power input: Use the included AC adapter, or use a 4-wire connector from a computer's power supply
- Power status LED verifies that unit is switched on (or off)
- Small size allows you to take it anywhere

Installation Instructions

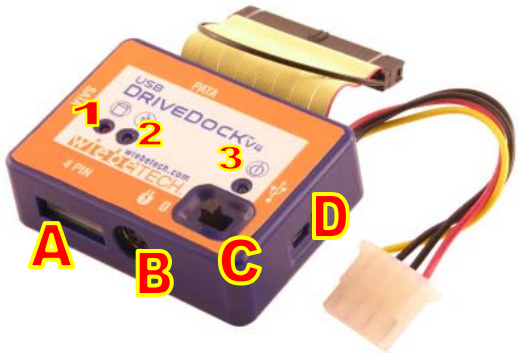
1. Check the accessories packaged with your USB DriveDock. Please contact WiebeTech if any items are missing or damaged. The box should contain:

USB DriveDock	1
AC adapter & power cord	1
USB Cable	1
SATA power/data cable	1
Metal drive plate	1
Hard drive screws	4
Rubber bumpers	6
Manual and Warranty information	(on CD)

2. Attach bottom plate to your 3.5" hard drive. This step is optional but recommended. The purpose of the bottom plate is to provide protection to your drive electronics and aid heat dissipation. Attach the bottom plate to your drive using the four screws supplied. Attach a rubber bumper to each corner. Extra bottom plates are available from WiebeTech (p/n BPLATE).



3. Take a moment to familiarize yourself with the parts of your new USB DriveDock. This will aid you in the remaining steps.





1 Drive Access LED
2 USB connectivity LED
3 Power LED

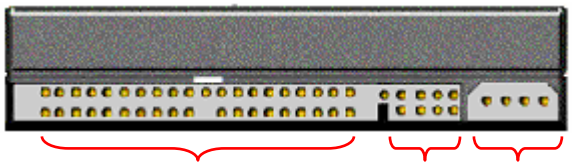
A DC +12V/+5V optional power input from a 4-wire power connector
B 4-pin DC power input
C Power switch ("0" = OFF, "I" = ON)
D Mini USB 2.0 port
E 4-wire power output, connects to drive
F IDE ribbon cable, connects to 3.5″ drive
G 2.5″ drive port
H SATA input for 2.5″ and 3.5″ drives

4. If connecting an IDE/PATA drive, configure the jumpers. The drive must be set to the Master setting. Consult the instructions for your drive (some drives display configuration information on the drive's label). A few drives have both "Master with Slave Present" and "Master without Slave" options. Choose the latter in this case. In rare cases, if the Master setting does not work then try Cable Select.

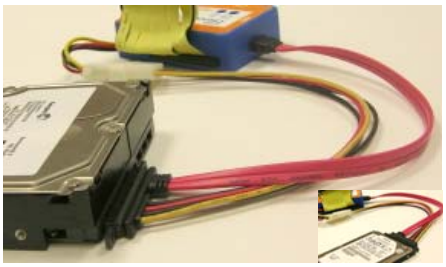


(Example)

Rear of hard drive



5. Connect the hard drive to the dock.



3.5″ & 2.5″ SATA: Take the SATA power/data cable and attach the 4-wire power input to the 4-wire power output. Attach the SATA data cable to the SATA slot on USB DriveDock. Plug the SATA data/power connector into the drive.



3.5″ IDE/PATA: Attach the free end of the IDE ribbon cable to the back of the hard drive. The connector is keyed to insert only one way. The IDE pins on the hard drive are fragile, so be very careful when inserting or removing the IDE connector

Attach the 4-pin power connector from the dock ("G" above) into the back of the hard drive. As with the IDE cable, the power connector will only fit one way.

2.5″ IDE/PATA: Lift up the ribbon cable and attach the 2.5″ IDE/PATA drive to the connector underneath.



6. Connect the USB cable from your computer into the USB port on the DriveDock.

7. Connect power to the USB DriveDock. Use either the 4-pin DC input or, optionally, you can connect a 4-wire power cable from inside a computer case. This is useful if you wish to access a drive inside a computer without removing it first.

Your USB DriveDock is now ready to use! Turn on the unit by moving the power switch to the "I" position. The red drive access indicator will light briefly after the unit is powered up, indicating that the bridge has successfully established communication with the drive. Thereafter, it will light whenever the drive is accessed. If your hard drive is already formatted, you can begin using it right away. New hard drives will need to be formatted before they can be used.

Note: If using an AC adapter other than the one that shipped with USB DriveDock, make sure it has +5V & +12V pins in the same positions in the connector. The adapter must also supply at least 2A. Look for the Regulated Switching Power specification. Do not use unregulated adapters, as damage may occur to the USB DriveDock or the attached drive.

Usage with Macintosh Computers

Compatibility

The USB DriveDock is Plug-and-Play compatible under Mac OS 9.2 and OS X. No drivers are needed. The USB2 port is USB 1.1 compatible.

Mounting and Ejecting Volumes

If the hard drive attached to the USB DriveDock is already formatted, an icon representing the drive's volume will appear (mount) on the desktop. You can begin using the volume right away. If the drive is unformatted, a message will appear on the desktop saying that the disk is unreadable. You can use OS X's Disk Utility to format the drive.



Eject the volume before powering down the unit by dragging the volume's icon to the trash bin, or by selecting the volume then pressing Command-E. Shutting down the unit without first ejecting the volume can result in data loss.

Usage with Windows Operating System

Compatibility

The USB DriveDock v4 is Plug-and-Play compatible with Windows 2000, XP, Server 2003, and Vista. No drivers are needed on these operating systems. The USB2 port is USB 1.1 compatible.

Mounting and Ejecting Volumes

If the hard drive attached to the dock is already formatted, you can begin using the volume right away. When the dock and drive are properly connected and turned on, a window may open to allow you access to the volume. If no window appears, you can find the volume by double-clicking the "My Computer" icon.

Eject the volume before powering down or disconnecting the unit by single-clicking the green arrow icon on the task bar, then selecting "Safely remove…." Windows will indicate when it is safe to disconnect the dock. Shutting down the unit without first ejecting the volume can result in data loss.



(Windows XP)

Technical Specifications

Product Code	USBDV4
Host Interface	USB 2.0 (up to 480Mbps)
Device Interfaces	• 2.5” IDE/PATA interface • 3.5” IDE/PATA interface • SATA interface (for both 2.5” & 3.5” drives)
Power Adapter (included)	+5V/+12V 2A/2A AC adapter (part # PWR-10)
Operating Temperature	50 – 85° Fahrenheit (10 – 30° Celsius)
Operating Humidity	5% to 95%, noncondensing
Compatibility	2.5” & 3.5” SATA and IDE/PATA hard disk drives
Operating System Requirements	• Windows 2000, XP, Server 2003, Vista • Macintosh 9.2, OS X • Linux distributions supporting USB
Shipping Weight	2 pounds
Dimensions	3.2” x 2.2” x 0.95” (81mm x 56mm x 24mm) Dimensions are exclusive of attached plates, drives, and cables.
Warranty	1-year limited warranty. See warranty statement for details and limitations. WiebeTech offers free phone support for 90 days after purchase (1-866-744-8722). Email support is available at support@wiebetech.com.

USB DriveDock v4 is a trademark of WiebeTech LLC. Other marks are the property of their respective owners.

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FCC Compliance Statement: “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.”

Tested to comply with FCC standards
FOR HOME OR OFFICE USE

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:

1) Ensure that the bottom plate and case of your attached drive is grounded, either to the USB DriveDock case or to an Earth ground.
2) Use a FireWire cable with RFI reducing ferrites on each end.
3) Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.

If you have any questions or problems, please contact support@wiebetech.com for technical support. If you are interested in purchasing more WiebeTech products, check our website or contact sales@wiebetech.com. We appreciate being able to serve you!