Forensic NoteBook DriveDock+™
USER'S MANUAL

Revised September 23, 2005

Features

- Dual, daisy-chainable FireWire 400 ports
- Write-blocking preserves the integrity of evidentiary drives
- Bus-powered through FireWire, plus two options for external power
- LEDs show when unit is receiving power as well as power output status
- Host-detection LED indicates valid connection to a FireWire host

Forensic Device User Advisory

We recommend that you perform a final check on this product.

Prior to first use, please verify that the write-blocking function of this product is working properly. This is easily done: attach a known good formatted drive, and verify that the drive mounts properly on your computer. Use a drive that has data on it that you are willing to overwrite. Transfer files to the drive. The files will appear to transfer to the drive. Thereafter, unmount the drive and remount the drive. The files that you wrote to the drive should not appear after the drive is remounted. If they do appear, there is a problem with your Forensic Device, and you should contact our support department for further instructions.

WiebeTech support may be reached at:
(866) 744-8722 (toll free)
(316) 744-8722 (international)
(316) 744-1398 (fax)
support@wiebetech.com (email)

Installation Instructions

1. **Check the accessories with your Forensic NoteBook DriveDock+™.** Please contact WiebeTech if any items are missing or damaged. The box should contain:

Forensic NoteBook DriveDock+	1
FireWire 400 cable	1
Hard drive screws	4
Rubber bumpers	6
Manual and Warranty information	(on CD)

2. **Take a moment to familiarize yourself with the parts of your new Forensic NoteBook DriveDock+™.** This will aid you in the remaining steps.

LEDs
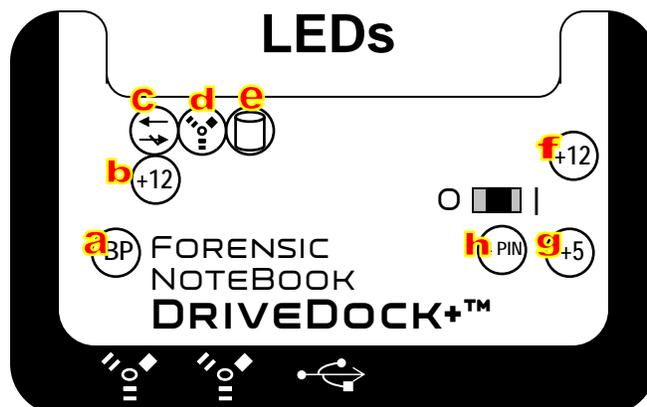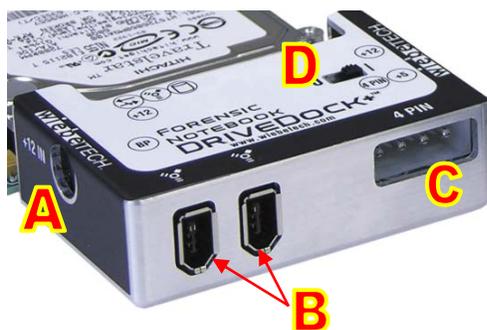
A +12V power input from optional AC adapter
B 1394a FireWire 400 Ports
C DC input for 4-pin power connector
D Power Switch (| = On, 0 = Off)

a FireWire bus power is present
b +12V DC power input is present
c Unit is write-blocked
d Unit is connected to FireWire host
e hard drive access
f +12V Power output to drive
g +5V Power output to drive
h 4-pin power input is present

3. **Connect the hard drive to the dock.** If you've removed the drive from a laptop computer, it may be inside a mounting sleeve. You'll need to remove this so that the drive will fit with the DriveDock. Place the drive onto the green plate with the label side up. Carefully slide the drive forward until the pins are fully inserted into the IDE connector. If you wish, you may secure the drive in place with the included screws.

4. **Connect the FireWire cable from your computer into the appropriate port on the DriveDock.**

5. **Connect power to the Dock.** There are three options:
   a. The NoteBook DriveDock can be bus powered through FireWire, and therefore does not require an additional power source when used with powered FireWire hosts. When bus power is present, the LED labeled "BP" will illuminate.
   b. To connect to FireWire hosts lacking sufficient bus power, plug in the optional AC adapter. When the AC adapter is connected, the LED labeled "+12" will illuminate.
   c. Alternatively, you may supply power through a standard 4-pin Molex connector. When power is connected in this way, the LED labeled "4 PIN" will illuminate.

Your DriveDock is now ready to use! Turn on the unit by moving the power switch toward the side labeled "|". When power is on, the output LEDs "+12" and "+5" will illuminate to show that power is going to the hard drive.

The red LED access indicator will light briefly after the unit is powered up, indicating that the FireWire bridge has successfully established communication with the drive. Thereafter, it will light whenever the drive is accessed. If the access LED does not blink shortly after drive spin up, it may indicate a problem with the drive or the dock. If the access LED blinks at a steady rate, this also may be indicative of a problem or an incorrectly jumpered drive. Contact technical support for further assistance if necessary. 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:** The DriveDock+ may utilize any 12V regulated switching power supply capable of supplying 2A or greater. Do not use an unregulated adapter, as damage may occur to the Dock or the attached drive.

Usage with Macintosh Computers

Compatibility
The Forensic NoteBook DriveDock+™ is fully plug-and-play under Mac OS 9.2 and OS X. No drivers are needed. The USB 2.0 port is USB 1.1 compatible.

Mounting Volumes
When the drive is connected and the unit is turned on, the drive's volume(s) will mount to the desktop. You can access the drive and begin retrieving data right away.

Usage with Windows Operating System

Compatibility
The Forensic NoteBook DriveDock+™ is fully plug-and-play with Windows XP. No drivers are needed. The USB 2.0 port is USB 1.1 compatible.

Mounting Volumes
When the drive is connected and the unit is turned on, the drive's volume(s) will mount to My Computer. You can access the drive and begin retrieving data right away.

Technical Specifications

Interface	FireWire 400 using OXFW911 USB not supported
External Power Supply	100-240VAC +12V / 3A (not included—WiebeTech Part # PWR-3)
Power Input	(+12V): +12V DC Jack (+12V / +5V): Standard disk drive 4-pin Molex power jack
Power Output	+5V at 0.75A
Power Switch	On / Off
Host Indicators	FireWire host attached LED
Access Indicator	Provides visual indication of hard drive activity
Write Block indicator	Indicates write-blocked operation
Operating Temperature	50 – 85° Fahrenheit (10 – 30° Celsius)
Operating Humidity	5% to 95%, noncondensing
Bus Powering	Converts FireWire bus power to +5V
Compatibility	2.5" ATAPI drives

Operating System	Windows XP Mac OS 9.2, OS X Linux distributions supporting FireWire
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	90 days of free telephone support (toll-free) and a one-year limited warranty. Other limitations apply – check warranty statement.

Forensic NoteBook DriveDock+™ 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."

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Forensic NoteBook
DriveDock+

FC   Tested to comply
with FCC standards

FOR HOME OR OFFICE USE

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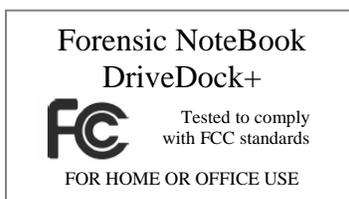
In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:
1) Ensure that the bottom plate and case of your attached drive is grounded, either to the DriveDock case or to an Earth ground.
2) Use a FireWire cable with RFI reducing ferrites 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!