Protecting
Your Digital
Assets™

CRU

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Product Name:	Ditto® Forensic FieldStation
Data Interface Speeds:	• Three eSATA ports each SATA-2.0 3 Gbps • Two 1000Base-T Ethernet ports both up to 1 Gbps • PATA/IDE up to 133 MB/s • USB 2.0 High Speed up to 480 Mbps
Drive Types Supported:	2.5" and 3.5" SATA and IDE/PATA hard disk drives SATA Solid State Drives
Operating System Requirements:	• Windows XP or later • Mac OS X 10.4.x or higher • iOS Tablets/phones • Andriod Tablets/phones • Many versions of linux, including Ubuntu 12.04 or higher
Browser compatibility:	Internet Explorer, Firefox, Safari, Chrome, Opera
Compliance:	• EMI Standard: FCC Part 15 Class A, CE • EMC Standard: EN55022, EN55024 • C-Tick
Shipping Weight:	5 pounds (2.3kg)
Dimensions:	4.92in x 6.77in x 1.72in (125mm x 172mm x 43.7mm)
Support:	Your investment in CRU products is backed up by our free technical support for the lifetime of the product. Contact us through our website, cru-inc.com/support or call us at 1-800-260-9800 or +1-360-816-1800.

Limited Product Warranty
CRU warrants Ditto to be free of significant defects in material and workmanship for a period of three years from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

Limitation of Liability
The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.

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."

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at this own expense.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:
1. Ensure that the case of your attached drive is grounded.
2. Use a data 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.
4. Reorient or relocate the receiving antenna

FC Tested to comply with FCC standards

FOR OFFICE OR COMMERCIAL USE

Ditto® Forensic FieldStation
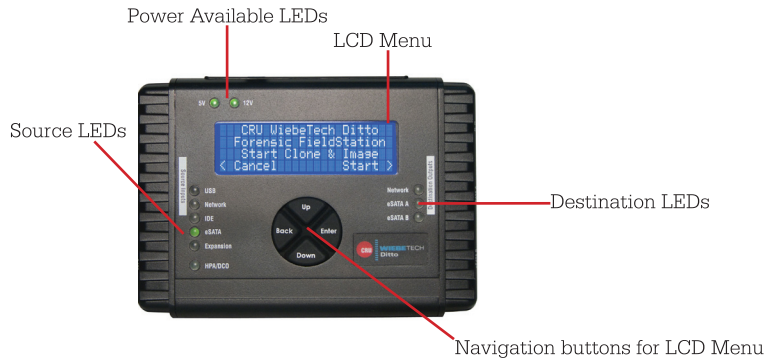# Quick Start Guide

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WIEBETECH

Thank you for purchasing Ditto, a high performance digital data capture system. Please read this guide thoroughly for setup instructions. For the full User Manual and more information about this product, please visit www.cru-inc.com.
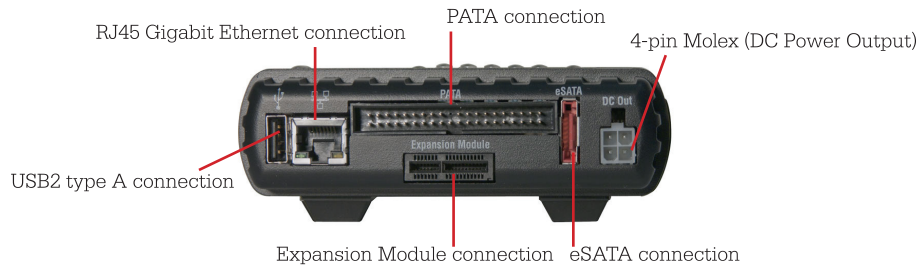
Ditto unit	1
Unitized SAS to eSATA + mini-fit power cable	3
IDE cable	1
12V power supply	1
Power cord	1
Legacy power to mini-fit cable	1
Ethernet cable (RJ45)	1
2.5 IDE to 3.5 IDE and mini-fit cable	1
Power adapter, legacy to SATA	1
Velcro cable wrap	6
eSATA cable	2
Pre-installed SD card	1
Quick Start Guide and warranty info	1

1. Identifying Parts

Top of Unit

- Power Available LEDs
- LCD Menu
- Source LEDs
- Destination LEDs
- Navigation buttons for LCD Menu

Source Inputs
(all inputs are write-blocked)

- RJ45 Gigabit Ethernet connection
- PATA connection
- 4-pin Molex (DC Power Output)
- USB2 type A connection
- Expansion Module connection
- eSATA connection

Destination Outputs

- eSATA connections
- RJ45 Gigabit Ethernet connection
- Stealth Mode Switch
- 4-pin Molex (DC Power Output)
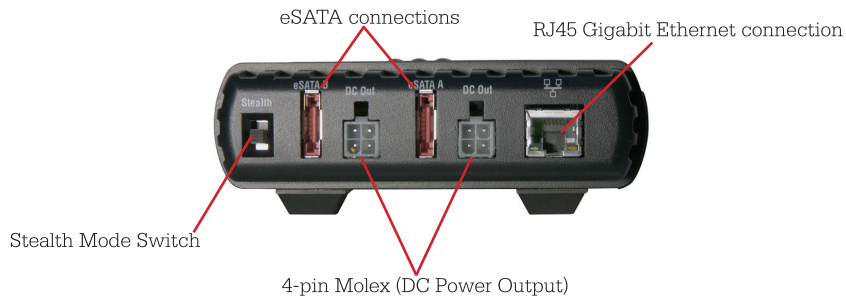
2. Setup

Plug the "suspect" drives or devices into the "Source Inputs" side of Ditto. All source inputs are write-blocked to prevent alteration.

Use the "Destination Outputs" side of Ditto to store acquired data. Whenever you add or remove a drive or enclosure from Ditto, CRU recommends that you switch the power off to Ditto to avoid drive damage or data corruption.

3. Usage

Ditto can be configured and operated either with the LCD interface and navigation buttons or through a web browser interface.

To access the web browser interface, follow these steps:

a) Plug an Ethernet cable into the Ethernet port on the "Source Inputs" side of Ditto.

b) Connect the other end of the Ethernet cable to your network. This usually means plugging it into a router or hub. In an office environment, you may have a network jack built into your office wall.

c) Connect the power cable to the rear of Ditto and to an AC adapter or to SATA power.

d) Turn on Ditto's power using the switch on the rear panel (0 = off, 1 = on)

e) Type your source IP address into your web browser. If you know the address, skip to step "i." If you do not know the address, continue with step "f."

f) Press the DOWN navigation button on Ditto until you reach the SETTINGS menu.

g) Press the UP or DOWN navigation buttons until you see the "Source IP Address" screen.

h) Type the IP address shown into your web browser.

i) Log into the web browser interface (the default username and password are both "admin.")

Alternatively, the web browser interface can be accessed via a laptop. Connect an Ethernet cable from the "Destination OutPuts" Ethernet port to your laptop. Your Ditto is pre-programmed with a static IP address of 10.10.10.1 on the destination side. (The Destination IP Address can also be seen in the LCD's Settings menu). Type this IP address into your web browser to access the Ditto's web browser interface.

You are now ready to use Ditto to configure settings, preview the attached drives, run an image or clone. See the full Ditto User Manual for more details.

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