newer technology, inc.

USB 3.0 SuperSpeed Universal Drive Adapter Instruction Manual

ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

Before using this device with any of your storage devices, please be aware that this product is designed to be used in a temporary situation. This adapter does not use any drive enclosure to protect the drive mechanism from damage due to electrostatic discharge. We highly recommend placing the drive mechanism on a static safe work surface, one that you may have readily available would be a mousepad. Turn the mousepad over so that its rubber bottom surface is able to be placed underneath the drive you are attaching.

Another option is to use a NewerTech ProtectaDrive, pictured to the right. NewerTech's ProtectaDrive lets you use bare, swapped out hard drives as an external storage solution. By encapsulating your drive with this protective sleeve, you can protect it from shock, short circuits, and static electricity.

To begin, remove the contents of the shipping box and lay them out in front of you. Items should include:

• **Universal Drive Adapter**   • **Power Supply**   • **Power Supply Power Cable**

• **USB Cable**   • **Serial ATA Cable**   • **IDE Extension Cable**

                                 • **Power Adapter Cable (SATA / PATA)**

Locate the Universal Drive Adapter. You will need this to connect any type of drive mechanism to your computer.

On the bottom of the Universal Drive Adapter there is a USB 3.0 connector. The other 3 sides have three separate connectors on them - They are a full size 40 Pin ATA connector for 3.5" ATA drives / 5.25" ATAPI devices, a mini 44 Pin ATA connector for 2.5" drives, and a Serial ATA (SATA I or SATA II) connector is molded into the top of the adapter.

Please note that the USB 3.0 connector is backwards compatible with USB 2.0, or even a USB 1.1 connection. It's truly universal! As long as the USB port is powered, the Universal Drive Adapter will work!
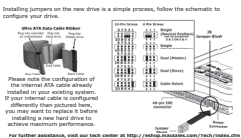
On the front of the Universal Drive Adapter there is a LED indicator light. This LED is a multifunction indicator, showing both power and drive activity. The LED with illuminate solid once plugged into your USB port and it is drawing power, and upon drive access the LED will flash with data transfer.

NWTU3NVSPATA

3.5" IDE / 5.25* ATAPI Drive Use

Using the Newer Technology Universal Drive Adapter with IDE/ATA devices is quite simple.

1) You need to begin by looking at the back of the device you're hooking up and make certain that the drive is set to **MASTER** or **SINGLE DRIVE**. This is different on all hard drive manufacturer's drive mechanisms, and we do offer instruction sheets with all new bare hard drives we sell - a sample is shown to the bottom left here. All of those drive instruction sheets are available for download in our tech center **http://eshop.macsales.com/tech_center/index.cfm?page=data_inthdd.html**
2) Once you have the drive set to Master/Single, plug the Universal Drive Adapter into the 40 pin connection on the back of the drive, it is keyed to only fit the correct way.
3) Then, plug the AC Power Adapter into a standard outlet, plug the power adapter into the other end of the AC cord, and the 4 pin connector into the back of the drive. Note that there is an on/off power switch on the power cord - make sure it's turned on.
4) And finally, plug the USB connection into your computer. The drive should mount on your desktop, ready to copy data onto or off of. This will take up to 30 seconds.

* Compatible with full height 5.25" optical drives only. Not compatible with slimline optical drives such as those used in a laptop.

2.5" IDE Drive Use

The Newer Technology Universal Drive Adapter is even more simple to use with 2.5" hard drive mechanisms, because there are less items to configure.

1) The 44 pin mini IDE connection on the drive must be attached to the Universal Drive Adapter. This is the smaller of the two inline connections on the side of the adapter.
2) Attach the 44 pin mini IDE connector to the back of the drive, it is also keyed to make sure you have it facing the correct direction - follow the picture to the above left as an example.
3) And finally, plug the USB connection into your computer. The drive should mount on your desktop, ready to copy data onto or off of. This will take up to 30 seconds.

3.5" / 2.5" SATA Drive Use

The Newer Technology Universal Drive Adapter has the unique ability to also work with Serial ATA, or SATA drives, both 2.5" and 3.5" (they use the same connectors). Connection of both of these types of drives is identical.

1) Start by plugging the included SATA cable (the rectangular red cable) into the end of the Universal Drive Adapter.
2) Plug the AC Power Adapter into a standard outlet, plug the power adapter into the other end of the AC cord, the 4 pin connector into yellow, black and red plug adapter, and then the plug adapter into the back of the SATA hard drive - it is keyed to only go in one direction. Note that there is an inline power switch on the power cord - make sure it's turned on.
3) Plug the other end of the red SATA cable into the back of your hard drive. It is keyed to plug in the correct direction.
4) Finally, plug the USB connection into your computer. The drive should mount on your desktop, ready to copy data onto or off of. This will take up to 30 seconds.

Basic Troubleshooting:

If the device is not registering with your computer, try rebooting with the device attached and powered on. If this does not resolve the issue, try disconnecting the power, detach, then reattaching the drive several times, before reattaching the power. If you have any further difficulty with the Newer Technology Universal Drive Adapter, please contact our customer service department. For contact methods visit: **http://newertech.com/support**

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