

EX-3470

SATA Disk Eraser

1. Introduction

The CI-14656 is a powerful and easy to operate tool that allows you to erase all data on SATA hard drives completely, preventing from any possibility of future recovery of deleted files and folders. It's an ideal hard drive data and partition eraser in hardware method.

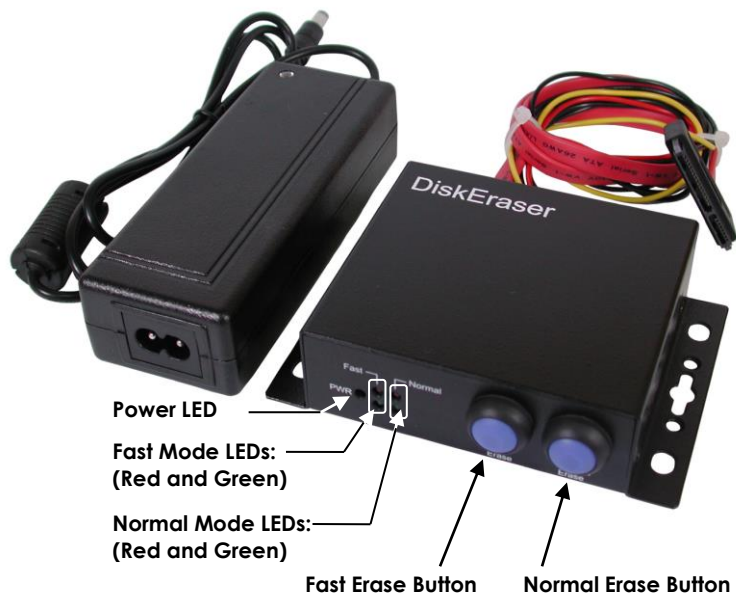
Since the FDISK, FORMAT, or DELETE standard operating system command are always leave a chance to recover deleted files (using undelete or unformat tools), the data may be used against the owner's will. We strongly recommend you to use this hardware tool to clean all data surely on the hard drives you want to dispose of, recycle, re-use, sell or donate to somebody.

The CI-14656 provides 2 erase modes (Normal and Fast) that achieves the same result. The Normal Erase mode uses the normal writing command to overwrite all data on the disk plates sector-by-sector (i.e. bit by bit) and will take longer time. However, the Fast Erase mode save the command time with a "multiple-command" communication protocol by the controller and will provide shorter erase time than Normal Erase mode. Each mode is started with their corresponding push button switches and displayed with their corresponding LED indicators on the front panel. We highly recommend you use the Fast Erase mode first. In case there is an issue that controller cannot operate in Fast Erase mode, go with the Normal Erase mode.

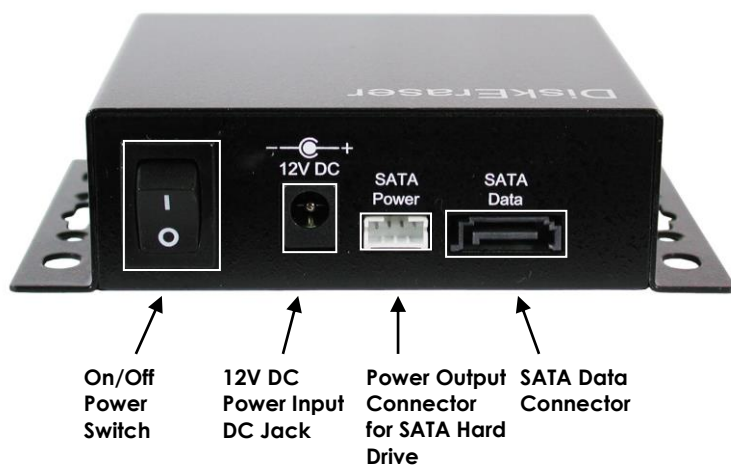
Features:

- ✓ **Supports SATA, SATA2 and SATA3 Disk Drives**
- ✓ **Stand Alone Operation without PC**
- ✓ **Supports Normal and Fast Erase Modes**
- ✓ **Built-in Power Switch for SATA and Controller Board**
- ✓ **Built-in High Performance SATA Controller Chip**
- ✓ **Supports 2 Push Button Switches for Starting Erasing:**
 - **"Fast": Starts Fast Erasing**
 - **"Normal": Starts Normal Erasing**
- ✓ **Supports 1 SATA Port with SATA Power and Signals**
- ✓ **Supports 12V/3A AC Power Adapter**
- ✓ **LED Indicators for Activity and Status Indication**
- ✓ **Supports Wall Mount and Optional DIN RAIL Mounting Feature**
- ✓ **Easy to Operate, No Driver or Extra Software Require**

2. Front and Rear Panel Layout

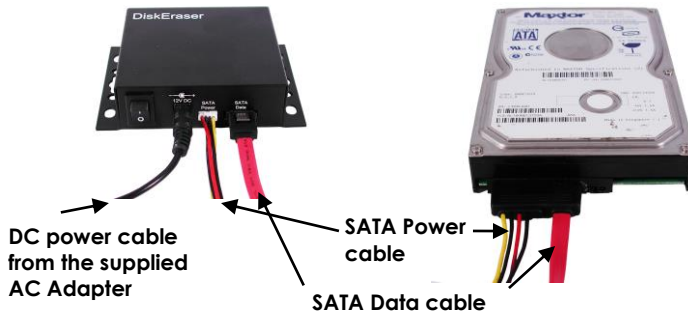


Rear Panel Layout:



3. Installing and Operating the Disk Eraser

1. Connect the SATA data, SATA power and AC adapter cables to the rear panel of the product.



2. The other end of the supplied SATA cable is 22-pin (combined with a 7-pin SATA data and 15-pin SATA power cable), it is compatible with the SATA drive's connector, please connect it to the SATA hard drive's connector.
3. Press the On/Off switch to power on the Product, the Hard Drive will be Powered up, too.



Warning!

Going through the following steps will permanently erase all data on the hard drive connected to this product, please make sure you really want to go ahead. Otherwise, please turn off the power, remove the hard drive immediately.

4. Check the LEDs on the front panel, the power LED should light up, if the Fast Green LED lights up, it means the hard drive supports fast erase mode, you can push the Fast Erase button to erase the drive.



5. If both Fast Green and Red LEDs light up at the same time, it means the hard drive does not support Fast Erase mode, you have to use Normal Erase mode instead in this case. The Normal Erase mode will be used to Erase the hard drive in the following cases:

- Both Fast Green and Red LEDs light up.
- You started the Fast Erase mode, but the erase process terminated abnormally in several seconds (it usually takes around 8 hours erasing a 2TB drive, obviously, it cannot be done in seconds)
- You are Erasing a SSD (Solid State Disk)
- Your drive does NOT support Fast Erase mode, but this product cannot recognize that correctly.



Fast Green and Red LEDs light up simultaneously: Only supports Normal Erase mode

6. **Erase in Progress:** When the product is erasing the hard drive, both Red and Green LEDs of the corresponding erase mode will be blinking. The Red LED usually is blinking slower than the Green LED. Upon completing the erase process, the LED will go back to the original state before pressing the Fast or Normal Erase button.



These Red and Green LEDs are Blinking while doing Fast Erasing

These Red and Green LEDs are Blinking while doing Normal Erasing