DIGITUS®

User Manual

USB2.0 to IDE and SATA Adapter Cable

Model: DA-70202

I. Foreword

Congratulations on your purchase of our product! We will show you a new storage concept with safety and convenience. It is our pleasure to give you the best solution to expand your HDD'S Capacity and enhance your data's reliability in PC system or Mac system. Before using the product, please read this manual carefully for further recognizing of the product.
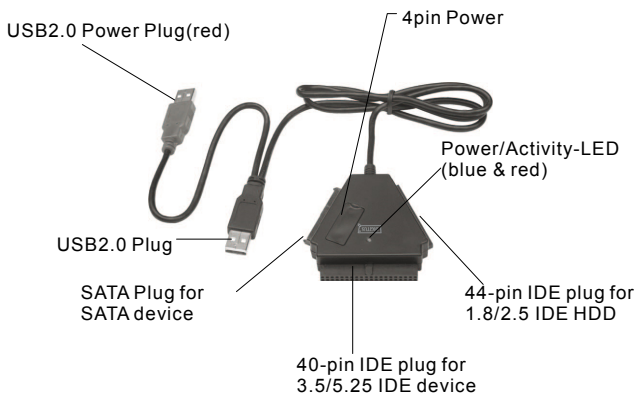
II. System Requirement

- Basic environment for setup this device:
- Hardware requirement: a PC, Notebook or Mac system with free USB interface
- Operation system: Windows7/8/10/Vista/XP/2000, Mac OS 9.x above

III. Feature

1. Supports IDE/SATA 2.5/3.5/5.25 devices
2. Support USB2.0 to Serial ATA interface, transfer rate up to 480Mb/sec
2. Support USB2.0 to IDE interface, transfer rate up to 480Mb/sec
3. Bus power for 2.5 Hard Disk

IV. Package Content

- USB to IDE/SATA Adapter cable
- Supported CD Driver
- User's Manual

USB2.0 Power Plug(red)

4pin Power

USB2.0 Plug

Power/Activity-LED
(blue & red)

SATA Plug for
SATA device

44-pin IDE plug for
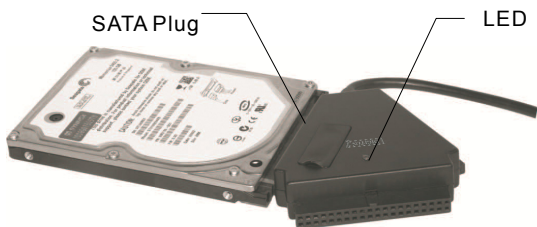1.8/2.5 IDE HDD

40-pin IDE plug for
3.5/5.25 IDE device

Note: For 3.5/5.25 IDE devices, please plug in a 5V/12V power supply (not included) to appropriate port on the back side of HDD or DVD, so that the PC power switch (on/off) can't control the current to HDD or DVD. If you want to cut off the current to HDD or DVD, then you need to plug out the power plug from 3.5" IDE HDD or 5.25 DVD devices.
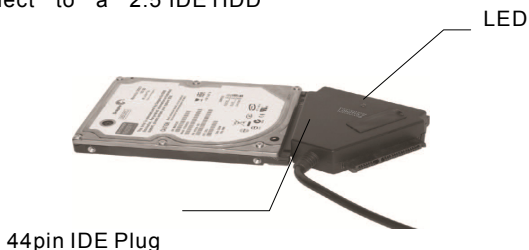
Both IDE and SATA plug are protected against polarity reversal and should be easily connected to the device. If not, Pease check if you use the plug in the right way. Please be sure, that your IDE device is configured as MASTER.
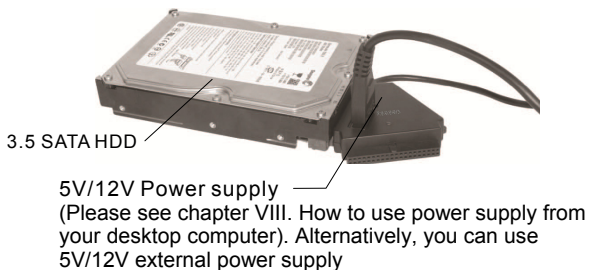
V. Hardware installation

a. Connect to a 2.5 SATA HDD

SATA Plug ──────────────   ──────────── LED

b. Connect to a 2.5 IDE HDD

                                            ──────────── LED
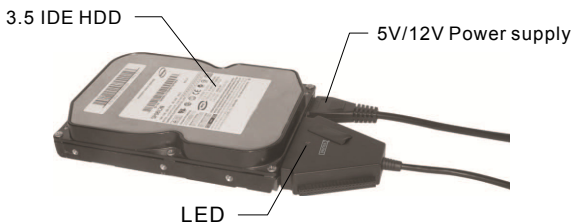
44pin IDE Plug

For a 2.5 SATA HDD or IDE HDD, plug directly the SATA connector or the 44pin connector into the appropriate ports on the rear of the HDD, and plug the USB signal/data plug (Black) into USB port of PC.

Note: If you HDD need more than 500mA, please plug the USB extra power plug (Red) additionally into other USB port.

c. Connect to a 3.5 SATA HDD

3.5 SATA HDD

5V/12V Power supply
(Please see chapter VIII. How to use power supply from
your desktop computer). Alternatively, you can use
5V/12V external power supply

d. Connect to a 3.5 IDE HDD

3.5 IDE HDD

5V/12V Power supply

LED

For a 3.5 SATA HDD or a 3.5 IDE HDD, plug directly the
SATA connector or the 40pin connector into the appropriate
ports on the rear of the HDD, and plug the USB
signal/data plug(Black) into USB port of PC, then plug the
4-pin plug of the power supply (not included) to the 4-pin
power jack (for IDE HDD direct plug in HDD power
connector), and the other end plug to power source.

e. Connect to a 5.25 IDE HDD

5V/12V
Power supply
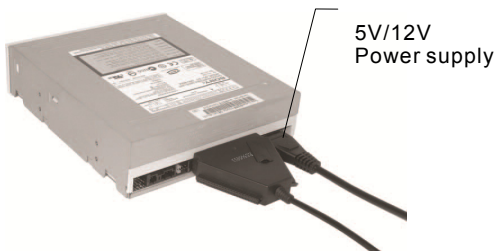
For a 5.25 CD/DVD device, plug directly the 40pin connector into the appropriate ports on the rear of the CD/DVD device, and plug the USB signal/data plug (Black) into USB port of PC, then plug the 4-pin plug of the power supply to the 4-pin power jack (for IDE CD/DVD direct plug in CD/DVD power connector), and the other end plug to power source.

VI. Driver installation

a. Setup mode under Windows7/8/10/Vista/XP/2000 system

Under Windows7/8/10/Vista/XP/2000, the system will find and setup **[USB Mass Storage Device**] directly

b. Setup mode under Mac OS system
If your system is Mac OS9.0 or above, the system can find the driver directly. If your system is OS8.6, you have to download and setup [**USB MASS STORAGE SUPPORT 1.3.5]** from SOFTWARE SUPPORT
Website : http://www.apple.com/support

VII. Under the following situation, you need to use 5V/12V Power supply

1) When connects with the 3.5 / 5.25 SATA devices
   (HDD, CD ROM , DVD Rom)
2) When this product connect with 3.5 / 5.25 IDE devices
   (HDD , CD Rom , DVD Rom)
3) Connecting with the 2.5 SATA HD, when the power
   consumption is bigger than 1A
4) Connecting with the 1.8 / 2.5 IDE HDD, when
   power consumption is bigger than 1A

* Remove the multi-function adapter

Warning: Before removing the multi-function, you must
finish the following procedure:

1) Click the icon in the **[Desktop]** window of your computer
2) A [**Safely Remove Hardware**] message window will
   appear, click the **[Stop]** button
3) [It is now safe to remove the USB device] message will
appear, close the [Safely Remove Hardware] window
4) Turn the power switch to **[OFF]** position
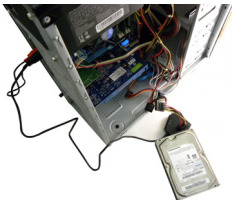5) Remove the 5V/12V power supply if it is applied

**Note:
New Hard Disk Drive must be formatted before
in use**

VIII. How to use the device with power supply from computer
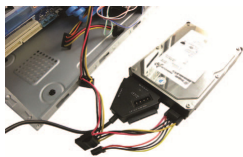
1. Plug DA-70202 into USB port
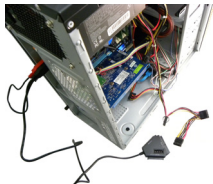
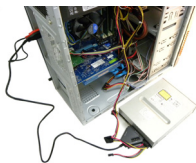2. Plug 3,5HDD into the correspondent port (SATA/IDE)

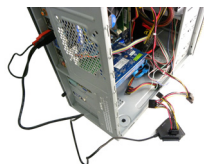3. Plug the power for supplying mentioned devices in **Point VII**. from computer

Also, for 5,25 devices

Connect from the 4 pin power connector of the power supply to DA-70202 (4Pin DC)

Power supply

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