USB2.0 X DRUM N STICK

Model : HSD329TN

Hanbit™
Value solution

Hanbit Electronics Co., Ltd
http://www.hbe.co.kr

Contents

■ **Package Contains**

1. USB2.0 XDRUM *N* Stick 1pcs
2. USB extension cable 1pcs(option)
3. Neck strap 1pcs(option)
4. Extra cap 1pcs(option)
5. CD Drive 1pcs(option)
6. Manual 1pcs(option)

※ Please check Package Contains in Box

■ **Location and Function**
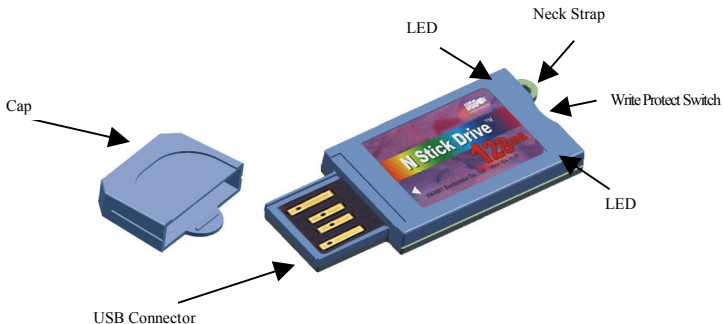
— Cap : USB Connector protect cap
— LED : Lighting on operation
— Write Protect Switch : Change switch to 🔒 direction
— Neck strap jack
— USB Connector : USB Port connect part

■ How to Use the USB2.0 XDRUM *N* Stick

You can use the USB2.0 XDRUM N Stick right away simply by inserting it in the USB port of your PC. (WindowsME/2000/XP and beyond, excluding Windows98/SE, will automatically recognize the USB2.0 XDRUM N Stick)

For users with Windows98/SE O/S, the Windows98/SE driver must first be installed. Please refer to page 7 for driver installation.

Should you wish to use the security or partition functions, install the USB2.0 XDRUM N Stick.EXE program. Please refer to page 9.

For more information about USB, visit http://www.usb.org.faq/ .

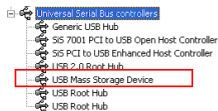## ■ How to Use the USB2.0 XDRUM *N* Stick with Windows

When you insert the USB2.0 XDRUM N Stick in your USB port, Windows will automatically

recognize it as a "portable storage device" and designate the drive accordingly. Go to "My Computer", and the [portable disk] icon will appear.

When the [safe hardware removal] icon is displayed on the [task bar], you can double-click it to remove the device safely.

To confirm whether the device is installed properly, choose "Start-> Settings-> Control Panel-> System-> Hardware", then double-click on the device manager to display the [Universal Serial Bus] icon. Double-click that icon to see if the "USB mass storage device" is installed.

It is recommended to use USB2.0 XDRUM N Stick compatibly with "Hi-Speed USB 2.0". If you connect the USB2.0 XDRUM N Stick to a "non Hi-Speed USB 2.0 Hub", Windows will display a warning message as shown below. You may use the device without changing any settings, but reading/writing speed will slow down.
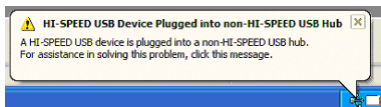
Remove the USB2.0 XDRUM _N_ Stick

In order to remove the device safely, double-click the [safe hardware removal] icon, remove device, then choose "Stop-> OK-> OK-> Close".
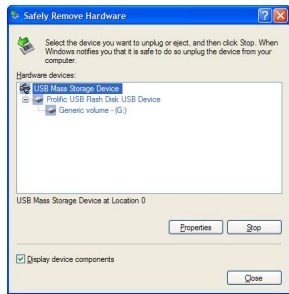
Note: Whenever you remove a device without executing safe removal, a warning message that the "computer may stop responding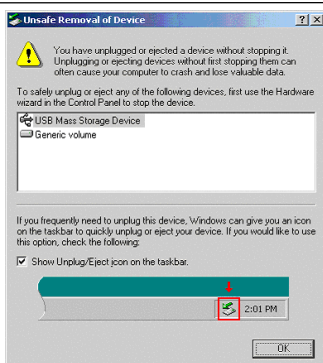, or you may lose data" will be displayed. Do not remove the device when the LED is flashing since this indicates that reading or writing is active. Remove the device safely after the LED turns off.

Write-Protect Function

◈ Write-protect tab is located at the lower part of XDRUM N Stick.
◈ Open (when tab is slid up): you can freely read and write.
◈ Locked (when tab is pushed down): you can read, but cannot write.

Note: *If you change the setting of the tab when the device is not connected to the computer, it may cause the loss of data.*

■ How to Install the USB2.0 XDRUM *N* Stick with Windows98

1) Double-click and execute "XDRUM N Stick Win98 Driver2.0. EXE" from the CD, and then choose "Next" when the "Installation Manager" file appears as follows.
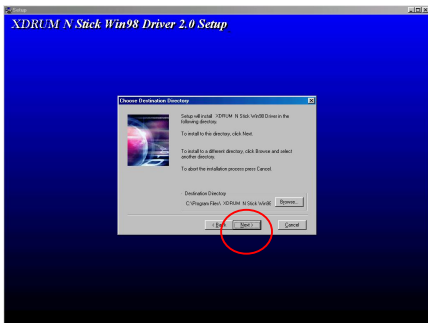
2) When given options to make a new directory during installation, choose "Yes" and click "Next".
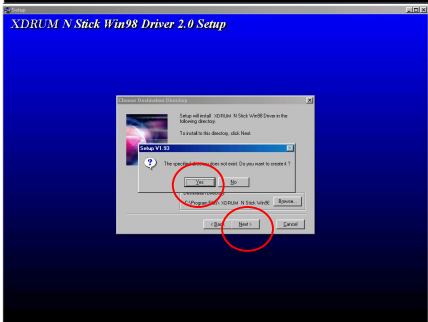
3) After the UBS XDRUM N Stick is installed, click "OK" to finish installation.
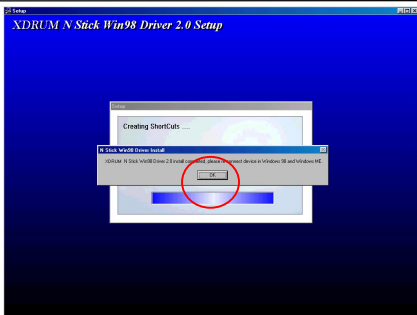
4) When the UBS N Stick is connected to a UBS port, the computer will automatically locate software for the new device. Simply find the drive where your UBS N Stick is connected and use it.
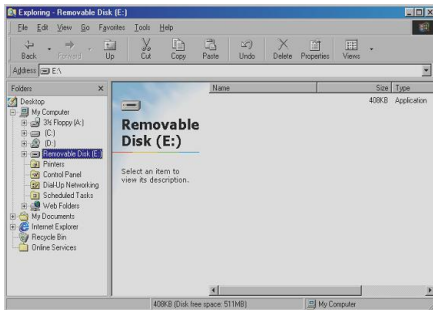
■ How to Use the XDRUM N Stick Utility Program

The XDRUM N Stick provides functions such as password protection, partitioning, and booting setup alteration.

How to Install the XDRUM N Stick Utility Program

Follow the installation guide:

1. Execute "XDRUM N Stick.EXE" from the driver CD enclosed with the product.

2. When the Installation Wizard appears, click [Next>].

3. Installation Wizard begins to copy and install required files and programs. Click "Yes", and then "Next".
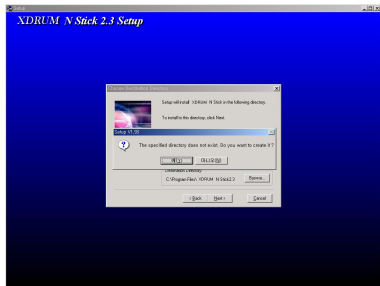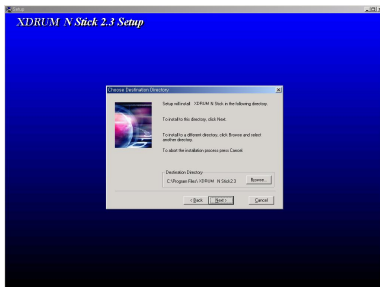
4. Clicking on "OK", to completes installation of the utility program.
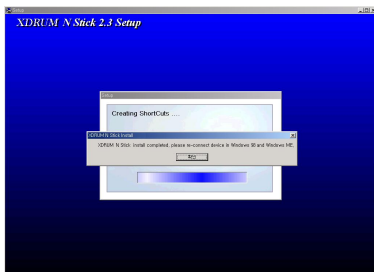
5. Check if the [XDRUM N Stick] folder is displayed in the [program] folder of the [Start] menu.

Note: When the "XDRUM N Stick" is inserted into the USB port, a key-shaped program execution icon will appear in the lower right corner of the startup screen. Click that icon to execute the utility program.

■ How to Use the XDRUM N Stick Utility Program

Set/Check Password

The XDRUM N Stick allows the setting or alteration of a [password]. In order to set a password for the first time, choose "resize" as displayed in the following picture. If a password is already set, a message will appear advising you to enter that password. If you want to alter the password, follow this procedure.

1. Double-click the key-shaped icon on the tray bar in the lower right corner of the startup screen to execute the XDRUM N Stick utility.

2. To enter secure mode, select "Public Area + Security Area", enter the password you wish to use in the "New Password" box, then click "OK".
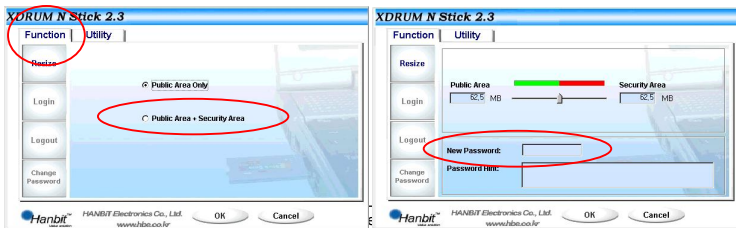
3. When you connect the "XDRUM N Stick" with a password set, a key shape will be displayed in red on the tray bar.

4. To use the XDRUM N Stick after setting the password, enter the appropriate password in the "password" box, and clock "OK". (To quit using secure mode, click "logout", then "OK", to go to the public area.)

Change Password

A function of altering the XDRUM N Stick password. First, enter the existing password, and then a new one. For confirmation, enter the new password two times.
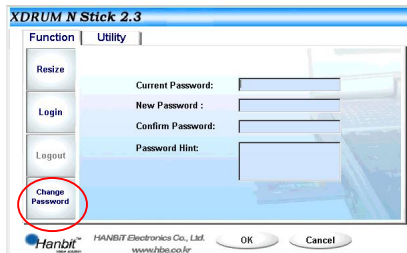
How to Use the Boot Up Function [Copy System File]

This function is used to enable you to boot your computer with the USB disk. Choose [Utility], and the following window will pop up. USB Flash Disk supports USB FDD, ZIP or HDD booting functions. However, you can use this function only when your PC's mainboard supports it.
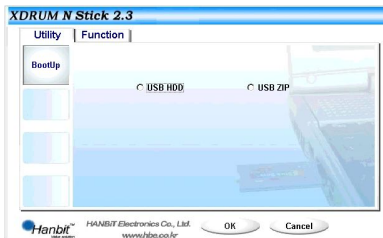
How to Make a Boot Up Floppy for Win XP [Copy System File]

1. Click 3.5 Floppy disk (A:) in the Win XP "My Computer" menu, choose "Format", then "Make DOS Starting Disk", and click "Start".
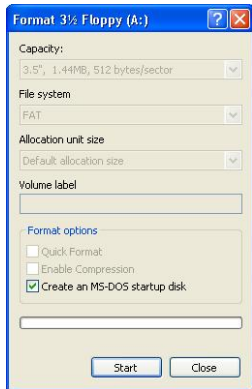
2. Create a new XP_Bootable folder within the C Drive (System Disk), copy all files from 3.5 Floppy disk (A:), and paste them in the new XP_Bootable folder.
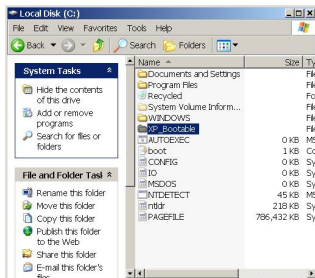
Note: *To copy the system file from 3.5 Floppy disk (A:), set all files and system file as "view" using folder options as the following picture shows, and then click "OK".*
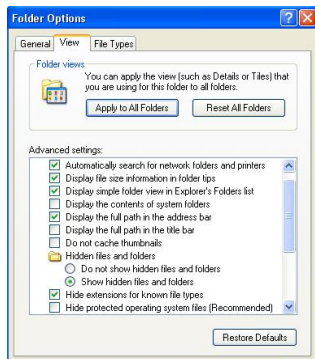
3. Choose the [Utility] index from the XDRUM N Stick utility, and click "USB ZIP", then "OK".
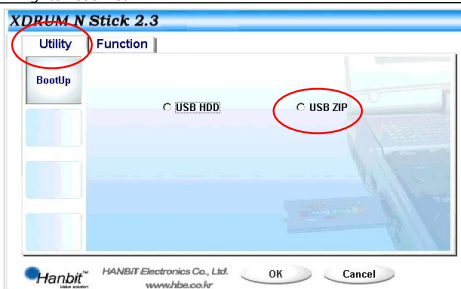
Note: This function may not be supported depending on the O/S that you use. When your O/S does not support this function, utility index window wont be activated. (available only on Win98/XP)

Note: To use this booting function on Win XP, BootDisk folder should be located at C Drive.

Note: This function is not supported in Windows ME or Windows 2000.

Note: Not all computers support the USB Flash Disk. When your computer does not support it, contact the PC or mainboard manufacturer. In this case, you should set a proper [boot sequence] compatible with your USB Flash Drive in the mainboard BIOS Setup.

■ USB XDRUM *N* Stick Specification

Capacity	16, 32, 64, 128, 256, 512MB
Read Performance	56Mbit/sec(Depend on PC mainboard type)
Write Performance	48Mbit/sec(Depend on PC mainboard type)
Available PC	IBM PC/Mac..PC System with USB Port
Available O/S	Windows 98 / ME / 2000 / XP / Linux 2.4 or higher, Mac OS 9.0 or Higher
Drive Support	Windows98/SE Install driver
Power Supply	USB power supply
LED 1 (LED State)	LED fast mode for Transmitting and Receiving data
LED 2 (LED State)	Power State
USB Interface	USB2.0 and USB1.1 Compatible
Suspend Current	< 350μA (Max : < 500μA)
Operating Current	< 31mA
Operating Temperature	0℃ to 70℃
Storage Temperature	−10℃ to 125℃
Dimention	18.5(W)×42.55(H)×4(T)mm(Without CAP)
Security Function and 6type of Software	GUI software installed Password function & E-mail, PC-Lock, File-Lock, AutoRun, Time-Lock Soft Ware supported
Booting Disk Function	Usable as Booting Disk
Write protect switch	Write protect switch supported

※ **How to remove the USB2.0 XDRUM N Stick safely**

● **All O/S : Unplug the XDRUM N Stick from the USB port after the activating pointer of mouse is stopped.**

● **Windows 98 : Do not unplug the XDRUM N Stick from the USB port while its LED is blinking.**

● **Windows ME, 2000,XP : Execute hardware separation icon located on the bottom of the right in the Windows to remove the device safely or unplug it by using hardware wizard on the control pannel.**

The operating system can be discontinued and the data can be damaged when the device is unplugged before executing the device removed from program action.

● **Mac : Unplug the XDRUM N Stick from the USB port after throwing it away to the trash box in your computer.**

● **Linux : Unplug the XDRUM N Stick from the USB port after executing "Unmount" commend.**

※ Customer Service

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                      Hanbit Electronics Customer Service team

- Telephone : +82 31 218 1900 / Fax : +82 31 217 1926

※ Caution

- To use your Data safely, Please make back-up file. Because NAND Flash memory chip
  has a feature which can write data within 300,000 times.

- All the information in this document is subject to change without prior notice. The
  manufacturer does not make any representations or any warranties (implied or
  otherwise) regarding the accuracy and completeness of this document and shall in no
  event be liable for any loss of profit or any other commercial damage, including but
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  registered trademarks of their respective holders.

Regulatory Information

FCC Compliance Statement

Caution : Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different
      from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

CE Marking and European Union Compliance

Products intended for sale within the European Union are marked with the CE Mark which indicates compliance to applicable Directives and European Normes (EN), as follows. Amendments to these Directives or Ens are included:

Applicable Directives
 • Electromagnetic Compatibility Directive 89/336/EEC

Applicable Standards
 • EN 55022:1998, Limits and Methods of Measurement of Radio Interference Characteristics of
  Information technology Equipment
 • EN 55024:1998; Information technology equipment—Immunity characteristics Limits and methods
  of measurement.

Customer Card

1Year Limited Warrenty

Product Name: _____   Model: _____

Purchasing Data: _____   Customer: _____

E-mail: _____   Telephone: _____

Address: _____

Warranty Card

The product purchased is warranted and tested to be free from defects in material and Workmanship and conform to the published specifications. Hanbit Electronics Co.,Ltd will offer a service for product Malfunction in the conditions as below.

1. Limited Quality Warranty
   1) For a period of one year from the date of purchase.
   2) HANBIT Elec. Co., Ltd will repair or replace your product with a comparable product for an defect occurred by improper workmanship or materials within the warranty period.
   3) The target of no compensation service:
      The product proved not to pass a period of one year from the date of purchase.
      Hanbit Electronics Co., Ltd will charge the cost for malfunction occurred by a negligence, a mistake, repair and rebuilding in other place no Hanbit 's agency.
   4) Duration of no compensation service is one year.
      Compensation service will be offered in a principle as below after one year.

2. Compensation / No compensation Service
   1) No compensation Service
      A. Content of compensation for damage (within 1 year from purchasing date) :
         Need to repair due to a functional defect in the normal state within 10 days after purchasing.
      B. Exchange or Repayment : Need to repair for the efficiency or functional defect in the normal state within 1 month after purchasing.
      C. Product Exchange : Occurrence defects until 3 times as the same reason within 1 month.
   2) Compensation Service Charge Service
      Hanbit Electronics Co.,Ltd can charge a customer the cost to ask for repairs and can refuse the repairs in the reason as below.
      A. Defects of function occurred in product which is exceeded the validity period of quality warranty.
      B. The case crushed or cracked by shock.
      C. The case destroyed by using a non standardized parts.
      D. The case modified by disassembly or remodeled construction or function.
      E. The malfunction occurred by the natural disaster.
      F. The Obvious fault occurred by mishandling of purchaseree

   ※ Note : Exhibit the customer card in order to get the service, This card is not reissued again.

HANBtT Electronics Co.,Ltd.   Tel)+82-31-218-1900   Fax)+82-31-217-1926   URL: www.hbe.co.kr

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DECLARATION OF CONFORMITY

With regard to the essential requirement of The Council Directive 89/336/EEC

We,   HANBit Electronics Co., Ltd.

of   414-5, Woncheon-Dong, Paldal-Gu, Suwon-City, Kyoungki-Do, Korea

declare under our sole responsibility that the product ;

Product   : USB Storage Device

Model   : HSD329TN

To which this declaration relates is in conformity with the following standards or other normative Documents;

EMC Specification:

IT Equipment Emission	EN 55022:1998 (Class B)	
IT Equipment Immunity	EN 55024:1998	

Signed on behalf of HANBit Electronics Co., Ltd.

Charlie Jung
(name)

Senior Managing Director
(title)

November, 03, 2003

(signature of authorized person)   (date)

Company Registered

HANBiT Electronics Co.,Ltd

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