

NEXXTO DI PHOTO STORAGE

Portable Storage for Digital Cameras With Preview

ND2730

1 Introduction

Thank you for purchasing the NEXTO PHOTO STORAGE (ND2730). The ND2730 allows digital camera users to save photos from their cameras to a hard drive without the use of a computer. The performance of the ND2730 has been optimized so that data transfers from a memory card to the ND2730 more quickly than to other storage devices. Data stored on the ND2730 can later be copied to a computer. The ND2730 supports digital cameras from various manufacturers, in addition to supporting a variety of memory card formats, such as: Compact Flash (CF), SD, SDHC and SDXC. Please read this manual before using the product. Follow operating instructions carefully to avoid damage to the product, or personal injury. This guide assumes that your ND2730 unit contains a properly formatted hard disk and a charged battery. If this is not the case, please refer to this quick start guide for instructions on formatting a hard disk and charging the battery.



Important safety notice

- Do not drop, jar, bump, shock, or expose the ND2730 to severe vibration during the photo preview operation or while data is being transferred.
- Do not use near open flames (candles, stoves, grills, fires) or sparks (fireworks, welding torches).
- Backup your data. Under no conditions is NextoDI Co., Ltd. liable for loss of, or damage to, a computer; or loss of, or damage to, a program, records, or data; or any consequential or incidental damages.

For more inquiries, contact or consult our technical advisory service:
<http://www.nextodiusa.com>

The Nexto-ND2730 can store up to two terabytes (2Tb) of information.

WARRANTY WILL BE VOIDED IF SEAL IS BROKEN.

Charging the Batteries

A "Li-Poly" (lithium-polymer) rechargeable battery is integrated into the ND2730. This rechargeable battery does not have the so-called "memory effect." As a result, the rechargeable battery can be charged whenever you want. Furthermore, it has a higher energy content than conventional NiCd and NiMH rechargeable batteries. Note these important instructions when handling the Li-Poly rechargeable battery. The rechargeable battery can be recharged 400 times. If the battery operation time gets shorter, it may be time to replace the battery. Consult your authorized NEXTODI dealer to replace the internal battery.



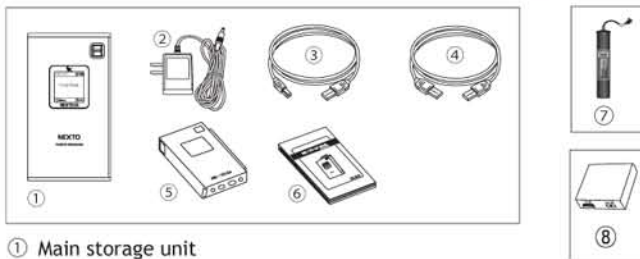
Caution

- Never damage the rechargeable battery--do not remove it from the ND2730. Consult the chapter on "Battery Disposal". Damaging the wrapping of the rechargeable battery might cause an explosion or fire.
- Never short circuit the contacts of the rechargeable battery. Never touch the connections or electrical components inside the ND2730 with metal objects.
- Charge the rechargeable battery regularly, even if you do not use the product. The ND2730 needs some "current" (a small quantity) at all times. Due to the Li-Poly rechargeable battery technology, it is not necessary to discharge the battery before recharging. Recharge the battery completely, about once a month. The device will be ready for use at any time.

The battery can be charged using the AC power adapter unit delivered with this product.

- Turn off the ND2730.
- Connect the charger's wall plug to the ND2730's "DC IN" slot
- Plug the AC power adapter unit into a wall socket
- The LED above the control key shows red when charging
- When the battery is charged, the red LED turns off
- If there is an error when charging, the LED blinks. If this happens, unplug the AC adapter unit and plug it in again. Users can charge the ND2730 via the car charger, the USB/ FireWire 800 (IEEE 1394b) cable, or the AA battery holder (optional). With a completely empty rechargeable battery, the charging procedure lasts approximately 4 hours using the AC power adapter, the car charger cable, the USB cable, or the FireWire 800 (IEEE 1394b) cable.

2 Contents of the Nexto Photo Storage

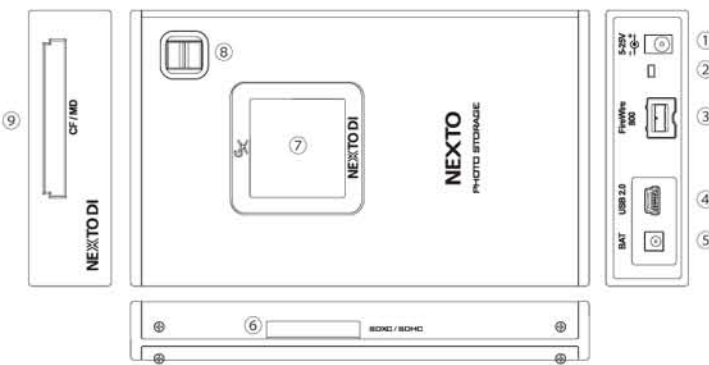


- 1 Main storage unit
- 2 AC power adapter (wall plug; 5-25V)
- 3 USB cable for computer connection
- 4 FireWire 800 (IEEE 1394b) cable for computer connection.
- 5 Leather case
- 6 Quick Start Guide

Optional Accessories

- 7 Li-Ion rechargeable external battery
- 8 AA battery holder for recharging internal Li-Poly battery

3 Device Diagram



- "DC IN" slot for AC power adapter unit (wall plug; 5-25V).
- Recessed Reset key, to be pressed with a tooth pick or similar tool. Switches off the ND2730 in the event of a hardware or software malfunction.
- Connector " FireWire 800 (IEEE 1394b)" to connect to the computer with max 800Mbps speed.
- "USB2.0" slot for USB 2.0 device connection to a computer.
- Connector "BAT" for external rechargeable battery pack (optional)
- SD/SDXC/SDHC slot
- LCD Display
- Control key. Controls movement of cursor (up/down/ select) when power is on. Press the button for more than 2 seconds to switch the ND2730 on or off.
- Compact Flash slot.

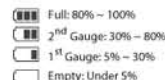
4 The Nexto Photo Storage Interface

The ND2730 is operated by a single control key which can be used in five different ways. The display shows you the "S" (Short) or "L" (Long) symbol as a means to invoke the desired function.

Symbols	Operation
S (Short)	Press once and release immediately
L (Long)	Press and hold the key for more than two seconds.
⬆ ⬇ ⬅	Push the key in the appropriate direction. Up/down movements are supported.

The LCD Display

- 245.0 G
 - Remaining capacity of the internal hard disk drive.
 - If the capacity of the internal hard disk drive is uncertain, the display will be grayed out. A capacity check will be performed automatically during power on or power off.
 - Remaining capacity of the rechargeable battery. The battery capacity is displayed four ways: (3→2→1→ empty) by the battery gauge.
 - XCopy Ready
 - Menu Off
- 3 Current status of the device.
- 4 Available functions for the current screen. The display varies depending on the function in use.



5 Turning the Nexto ND2730 On or Off

NEXTODI

Ver 1.00

PHOTO STORAGE

Press the control key for more than 2 seconds in order to turn the ND2730 on. The power up logo and firmware version is shown on the LCD.

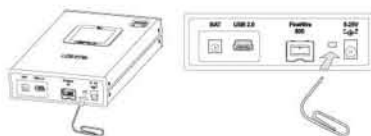
When you see the logo on the LCD screen, release the button. Otherwise, the ND2730 will automatically power down.

Check the remaining capacity of the internal battery on the upper right corner of the screen. If it is low, charge the Nexto-eXtreme before use. You may also use the external battery, but again, it may need to be charged before use. Plug the external battery into the "BAT" connection on the Nexto-ND2730 while the Nexto-ND2730 is charging using the AC adapter.

If the power on the ND2730 cannot be turned OFF via the On/Off button:

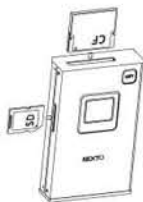
Press the recessed Reset key using a toothpick or paper clip. The Reset key is located on the bottom of the ND2730 to the right of the FireWire 800 port. (See diagram.)

The Reset key will turn the power off safely so that the data stored in the hard drive will not be lost or altered.



6 Copying Data from Flash Memory Cards to the Nexto ND2730

1. The Nexto-ND2730 must not be connected to a computer.
2. Insert a memory card in the Nexto-ND2730 corresponding memory slot.
3. Turn on the Nexto-ND2730.
4. The display says "XX detected - Copy? S=Y, L=No" (XX represents the type of memory card detected, such as CF,SDHC, SDXC or SD).
5. To copy the data, use a (S)hort stroke (press and quickly release the COPY key.)
6. The display reads "Copy Complete."



8 Using Nexto-eXtreme as a Hard Drive

The ND2730 can be connected to your computer for use as an external hard disk. Two connection methods are supported.

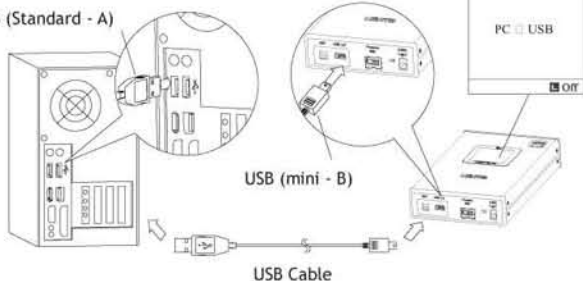
1. Connect to the computer's USB 2.0 slot via the ND2730 "USB slot" and the USB cable.
2. Connect to the computer's Firewire 800 (IEEE 1394b) slot via the ND2730 "Firewire 800 (IEEE 1394b) slot" and the Firewire 800 (IEEE 1394b) cable. Device drivers for the ND2730 are included in the Microsoft Windows 7, Vista, ME, XP and 2000 operating systems. Drivers for Windows 98 systems can be downloaded from the NextoDI website. To download drivers, go to <http://www.nextodiusa.com>

When you have successfully connected the ND2730 to your computer, the contents of the ND2730 hard disk drive will appear in Windows File Explorer.

1. Connect via USB

- 1 Turn your computer on. Wait until the operating system is completely booted.
- 2 Turn your ND2730 on.
- 3 Connect the ND2730 "USB" slot via the USB cable with a free USB 2.0 port on your computer. A USB 1.1 port can also be used.
- 4 Check the "PC □ USB" on the ND2730's LCD display.
- 5 If your computer detects the ND2730 correctly, a new drive named [NEXTODI] will appear in the "My Computer" display

USB (Standard - A)



USB (mini - B)

USB Cable

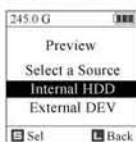
7 Photo Preview

The ND2730 shows stored photo files after backup. For clarification on supported file formats www.nextodiusa.com. A preview of both the internal and external devices (CF/SD/SDXC/SDHC) is supported. Users can also choose to delete the backup folders.

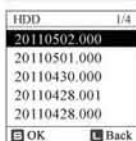
1. Preview from the internal hard drive



Press the control key once at the "XCopy Ready" mode to activate the menu. Press the control key and select "Preview".



Select "Internal HDD" to preview a photo file stored in the internal hard drive.



The ND2730 will display the contents of the backup folder in date order. The most recent folder is shown first. After you select a folder, the ND2730 will display a brief list of the contents as shown in the figure below.



The user can select [Show Photo] for photo preview, [Delete] for deleting this backup, or [Copy] for copying to an external device

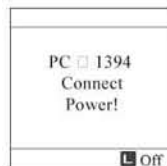
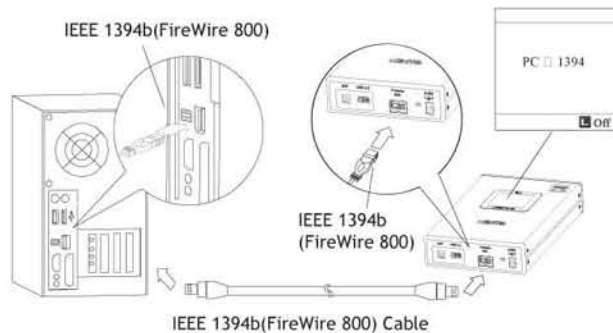


The ND2730 supports the preview of photo files stored on memory cards such as: CF, SD, SDXC and SDHC.

Select "External DEV" from the [Preview] menu.

Connecting Nexto ND2730 via FireWire 800 (IEEE 1394b)

- 1 Turn your computer on. Wait until the operating system is completely booted.
- 2 Turn your ND2730 on.
- 3 Connect the ND2730 "FireWire 800 (IEEE 1394b)" slot via the FireWire 800 (IEEE 1394b) cable with a free FireWire 800 (IEEE 1394b) port on your computer.
- 4 Check the "PC □ 1394" on the ND2730's LCD display. If your computer detects the ND2730 correctly, a new drive named [NEXTODI] will appear in the "My Computer" display.



The 4pin-9pin FireWire 800 (IEEE 1394b) cable does not provide power. Use the AC power adapter unit or USB cable to provide power. If no power is provided, the ND2730 shows the "Connect power!" message and waits for external power to be applied.

4. Disconnecting the ND2730 from Your Computer For Windows

Right click the Storage device icon in the System Tray (lower right corner of your screen) and select "Safely Remove Hardware" or "Unplug" or "Eject Hardware". Then disconnect the cable from your ND2730 and your computer.

For MAC

Drag and drop the NEXTODI icon to the trash. Then disconnect the cable from your ND2730 and your computer.


Advanced Functions

ND2730 has several advanced function menus, accessible from the Main Menu.

Menu	Operation
Self Test	Built-in test utility for detecting physical errors on the internal hard drive. This function does not fix errors. If an error is detected during the self-test, consult your authorized NEXTODI dealer.
Auto Copy	On/Off setting for auto copy option. Factory setting is Off. If this function is activated, "Copy" of a memory card will be automatically initiated when you insert the memory card into one of the built-in slots.
TMP Folder	If the copy function fails, a TMP folder will be generated. A user can delete the TMP folder using this menu.
Buzzer	On/Off setting for buzzer sound. Factory setting is On.
FW Update	Upgrade to new firmware with the firmware file stored in the internal hard drive or on a memory card.

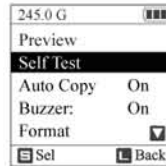
Enter Main Menu



Press the control key briefly  in order to get to the main menu.

1. Self Test

(1) HDD Smart Test



Press the control key once at the "XCopy Ready" mode to activate the menu.

Press the control key and select "Self Test".



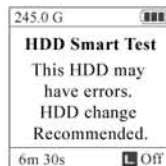
The User can choose between an HDD Smart Test or an HDD Full Test. Choose the HDD Smart Test. The HDD Smart Test uses a S.M.A.R.T test provided by the hard drive.



The HDD Smart Test takes several minutes to test the internal hard drive. Pressing the control key initiates the HDD Smart Test.



No problems found during the HDD Smart Test.



Error found during quick test. Further use of ND2730 may result in loss of backup data. Consult your authorized NEXTODI dealer for service.



Caution

- The ND2730 buzzer indicates the completion of the test. The power does not turn off automatically at completion of the test.
- The ND2730 returns to the initial mode only after the user presses the control key for more than 2 seconds.
- It is strongly recommended that the AC adapter be used during this test in order to prevent battery failure during the process

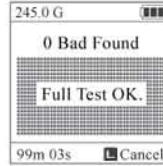
(2) HDD Full Test



Select "HDD Full Test" from the [Self Test] menu.



The HDD Full Test will take several hours. So you need to connect power to the ND2730. It will read all the sectors in the internal hard drive to discover if any bad sectors exist.



No errors found.



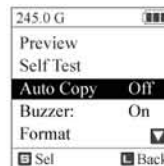
Error found during the HDD Full Test. Further use of ND2730 may result in the loss of backup data. Consult your authorized NEXTODI dealer for service.



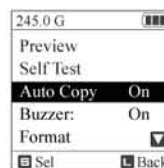
Caution

- The ND2730 indicates the completion of the test using the buzzer sound. The power does not turn off automatically at the completion of the test.
- The ND2730 returns to the initial mode only after the user pushes the control key for more than 2 seconds.
- It is strongly recommended that the AC adapter be connected for this test in order to prevent battery failure during the process.

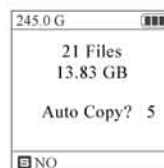
2. Auto Copy On/Off



Select "Auto Copy" from the main menu to turn the Auto Copy on/off by briefly pressing the control key. The factory default setting is Auto Copy off.



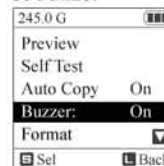
The Auto Copy is now on. If the control key is briefly pressed, the Auto Copy setting will go to "Auto Copy off."



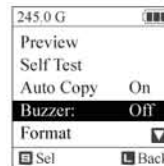
If this position is in the "On" state, data "Copy" will be automatically started 5 second after the insertion of the memory card.

Short press the control key to select changing the status of this option. Default function is Copy & Verify. (See chapter 12.)

3. Buzzer



The Buzzer is on. Select "BUZZER" from the main menu to turn the buzzer sound on/off by briefly pressing the control key. The factory default setting is "Buzzer On".



The Buzzer is now off. If the control key is briefly pressed, the buzzer setting will go to "Buzzer On."

4. Firmware Update



Select "FW Update" from the main menu.



The firmware file (NEXTOPS.BIN) should be placed in the root directory of a memory card or the internal hard drive. Select [In HDD] (hard disk drive) if the firmware file is to be placed in the root directory of the internal hard drive. Select [In Memory Card] if the firmware is in the root directory of the memory card. If you selected the memory card, insert the memory card into the ND2730.



If a valid firmware file is not contained in the specified device, the ND2730 indicates an error. Check whether the device contains valid firmware in the root directory and repeat the previous process.



If valid firmware is found at the specified location, the ND2730 indicates a "FW File Found" message on the LCD. Confirm the firmware upgrade by pressing the control key briefly [S].



The LCD screen indicates that the ND2730 firmware is being updated. Do not turn the power off during the firmware upgrade. Use of the AC power adapter is recommended.



Firmware upgrade completed. The ND2730 turns off automatically.

It may take more time than usual to turn the ND2730 on again.

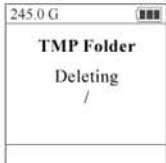
5. Delete TMP folder



Select "TMP Folder" from the main menu.



If the TMP folder exists inside the [NEXTOPS] folder, then the number of TMP folders will appear on the LCD. Press the control key briefly [S] to delete the TMP folders.



The LCD screen displays the message "Deleting".

Troubleshooting Tips

If the power on the ND2730 cannot be turned OFF via the On/Off button:

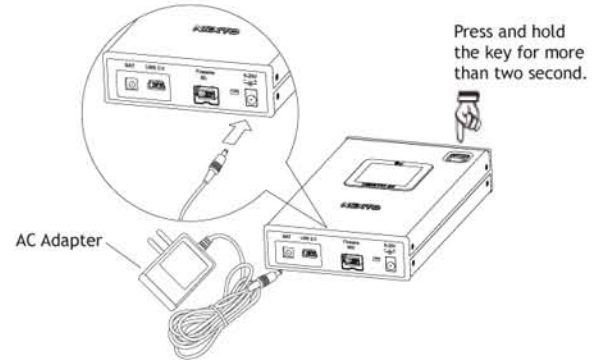
Press the recessed Reset key using a toothpick or paper clip. The Reset key is located on the bottom of the ND2730 to the right of the FireWire 800 port. (See diagram below.)

The Reset key will turn the power off safely so that the data stored in the hard drive will not be lost or altered.



IF THE POWER CANNOT BE TURNED ON:

The ND2730 has an internal rechargeable battery. If you cannot turn on the ND2730 with the On/Off button, it may be that the internal battery has been discharged. Connect the AC power adapter to the ND2730 and push the power button for more than 2 seconds to turn the ND2730 on.



WHEN MEMORY A CARD IS NOT DETECTED BY THE ND2730:

Insert the memory card carefully. The pins may become bent if you insert the memory card incorrectly. If a pin in the slot becomes bent, the ND2730 will not be able to detect the memory card correctly.

In that case, you can straighten the pin using tools for emergency use. Contact your reseller for after service.



IF MULTIPLE MEMORY CARDS ARE INSERTED INTO THE ND2730 AT THE SAME TIME:

Only one memory card should be inserted into the ND2730 at a time. If more than one card is inserted into the ND2730, only the first card will be detected.

In rare instances, the insertion of two memory cards at the same time will cause the message on the LCD screen to be unrecognizable. If this occurs, you may need to turn off the ND2730 via the recessed Reset key using a toothpick or paper clip. The Reset key is located on the bottom of the unit to the right of the FireWire 800 port. The Reset key will turn the power off safely so that the data stored in the hard drive will not be lost or altered.

