

Thank you for purchasing this NEXTO VIDEO STORAGE(NVS1501) product. NVS1501 product allows videographers to save footages from camcorders to a hard drive, without using a computer. The camcorder can then be used to record new data. NextoDI has optimized performance so that data transfers from memory card to NVS1501 more quickly than to other storage devices. Data stored on NVS1501 can later be copied to a computer.

NVS1501 supports professional video cameras from various manufacturers, and memory formats such as Compact Flash (CF), Microdrive (MD), SDHC, SDXC and Memory Stick(MS) Card.

Please read this manual before using the product. Follow operating instructions carefully to avoid any damage to the product, or any personal injury. This guide assumes that your NVS1501 unit contains a properly formatted hard disk and a charged battery. If this is not the case, refer to the User Manual for instructions on formatting a hard disk and charging the battery.

"NextoDI", "NEXTO VIDEO STORAGE", "NVS1501" and "X-Copy" are registered trademark or trademarks of NextoDI Co., Ltd.

"Windows" is a trademark or registered trademarks of U.S. Microsoft Corporation in the USA and other countries.

"Mac OS" is a trademark of Apple Inc. in the USA and other countries. All other trademarks are the property of their respective owners.

All company names and product designations contained herein are trademarks of the respective owners. All rights are reserved.

Important safety notice

- 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.nextodi.com/support/en_qna.php
- * NextoDI Co., Ltd. reserves the right to make improvements and/or changes to the product and programs described in this User's Guide at any time without notice.

[•] Do not drop, jar, bump, shock, or expose NVS1501 to severe vibration during video preview or while data is being transferred.

	16. BAD SECTOR RECOVREY	
	17. ADVANCED FUNCTIONS	
	CAPACITY CHECK	
S vince The second	SELF TEST	
	BUZZER	
	FIRMWARE UPDATE	
0	DELETE TMP FOLDER	
	LANGUAGE SETTING	
Table of Contents	18. BURNING A BLU-RAY DISC	
	19. EXAMPLES OF BASIC FUNCTIONS	
	20. AUTO-GENERATION OF INDEX FILE	
NEITODI	21. TROUBLESHOOTING TIPS	
	22. BATTERY DISPOSAL	
2. CONTENTS OF THE NEXTO VIDEO STORAGE PRO 4 3. SYMBOLS USED IN THIS DOCUMENT 5 4. SAFETY INSTRUCTIONS 5 5. DEVICE DIAGRAM 7 6. ABOUT THE RECHARGEABLE BATTERY 8 7. CHARGING THE RECHARGEABLE BATTERY 9 8. NVS1501 INTEREACE 10		

1. Product Description

The NEXTO VIDEO STORAGE (hereinafter NVS1501) includes a 2.5"Serial ATA (SATA) hard drive and a Li-Poly battery. The NVS1501 provides the following functions:

1. Memory card backup

The NVS1501 contains a 2.5"SATA hard drive and a Li-Poly rechargeable battery. The NVS1501 can copy the contents of a memory card to the internal hard drive without a PC--even in the field where no electric power source is available. You can copy through the CF/MD card slot and SDHC/SDXC/MS card slot on the top of the device.

For IKEGAMI GFPAK, you can copy through the USB_host port on the bottom of the NVS1501.

For complete backup information, refer to Chapter 11 of this manual.

2. Video/Photo Preview

The NVS1501 can display video footage taken with professional video cameras on a color TFT LCD. The NVS1501 provides a "best effort" preview of the video clipthat is, the resolution and speed may be lower than on a regular device. For details on Video Preview, see chapter 12.

3. Multi-Copy

NVS1501 can copy the contents of a memory card to the internal hard drive and an USB external hard drive at the same time, allowing you to make two copies in a single operation using this function. For details of the Multi-Copy feature, see chapter 14.

4. Sync

The NVS1501 can synchronize the contents of a folder with the folder on an USB external hard drive. This allows you to make a secondary copy of the backup folder to an USB external hard drive without using a computer. For details of the Sync function, see chapter 15.

5. Computer connection

The NVS1501 can be connected via USB2.0, FireWire 800 (IEEE 1394b) to a corresponding port on a computer, in order to copy data. For details of Computer Connections, see chapter 10.

6. Button operation

All of the functions of the NVS1501 are controlled by two buttons, one for power (On/Off) and the other for function control (control key). The power button can also be used as a function key in some instances. For details on Power (On/Off) and control key operation, see chapter 8.

7. Bad Sector Recovery

When a video file stored in the NVS1501 cannot be copied or edited on a computer, the problem may be a bad sector on the hard drive. The NVS1501 has a sector recovery function which may recover the video file. For details on Sector recovery, see chapter 16.

8. Internal/External rechargeable battery

The NVS1501 contains an internal Li-Poly battery that enables the NVS1501 to be used without the power adapter. The power adapter is used to charge the internal battery, supplying power to the main unit. The external battery can be used to charge the internal battery. For details on Charging the Internal Battery, see chapter 7.

9. Internal hard drive

The NVS1501 offers these functions for the internal hard drive:

[Hard drive format] [Hard drive capacity check] [Hard drive self test]

For details see chapter 9 and chapter 17.

10. Firmware upgrade

When NextoDI develops new functionality—or offers support for new video formats--firmware is provided to users through the website's download page. You can download the new firmware to a memory card or the internal hard drive of the NVS1501. You can then upgrade your NVS1501 using the firmware update function of the NVS1501. For details, see chapter 17.

01 PRODUCT DESCRIPTION

PRODUCT DESCRIPTION 02

11. Language selection

The NVS1501 supports various languages. You can select a language from the menu of the NVS1501. For details, see chapter 17.

12. Buzzer on/off

The NVS1501 uses a buzzer to note the results of various operations. A user can turn the buzzer on or off via the menu. For details, see chapter 17.

13. Auto-generation of Index File

After a memory card has been copied, the NVS1501 generates HTML files containing metadata and thumbnails of the video footage. For details, see chapter 20.

14. Burning Blu-ray Disc

Users can copy video files that are stored in the NVS1501 to a Blu-ray disc using a USB Blu-ray driver. After copying the footage, the NVS1501 will support video preview from the Blu-ray Disc. For details, see chapter 18.

2. Contents of the NEXTO VIDEO STORAGE

1. Main Package



1) Main storage unit

② Shock protective rubber jacket

③ AC power adapter (wall plug; 12V/1A)

④ AA battery holder for recharging internal Li-Poly battery

- ⑤ Car Charger Cable for recharging internal battery
- © USB cable for computer connection or connecting external USB hard drive and GFPAK
- ⑦ FireWire 800 (IEEE 1394b) cable for computer connection

⑧ User's Guide

03 PRODUCT DESCRIPTION

CONTENTS OF THE NEXTO VIDEO STORAGE 04

3. Symbols Used in This Document



The flash icon in a triangle is used to alert you to personal injury hazards such as electric shock

An exclamation mark in a triangle indicates important instructions in this operating manual which must be observed.

Reference The "hand" icon gives you special tips and notes on the operation.

4. Safety Instructions

Caution

In case of any damage due to failure to observe these operating instructions, the warranty is voided. NextoDI does not assume liability for consequential damages. Nor do we assume liability for damage to property or personal injury caused by improper use or failure to observe the safety instructions. The warranty is void in any such case. The following safety instructions and warnings are not only to protect you, but also to protect the device. Please read the following warnings:

Warning

- Unauthorized conversion and/or modification of the product is forbidden for safety reasons.
- Never open the product. This device is not user serviceable.
- Damaging the Li-Poly rechargeable may result in explosion or fire!
 Maintenance, or repairs may only be carried out by authorized repair center.
- The AC power adapter unit is intended for use in dry conditions to avoid electric shock!

05 SYMBOLS USED IN THIS DOCUMENT



Warning

- The case of the hard disk must not get damp or wet. Protect the device from humidity and water, from sun, excessive heat (>113°F) or cold (<32°F), dust and dirt.
- When the product is brought from a cold place into a warm room, condensation may form. This could damage the product. Always let the product get to room temperature before use or before connecting the AC power adapter unit. This can take several hours.
- Do not use in tropical climate conditions
- The AC power adapter unit complies with safety class II. As a voltage source only a proper power socket of the public power supply system may be used. Note the input voltage/frequency imprinted on the AC Adapter. It must correspond to the voltage/frequency of the power outlet. The AC power adapter is equipped with an input voltage range of 100 ~ 240V, 50/60Hz. Adapters may be necessary for use in countries other than the US.
- The product is not a toy and should be kept out of reach of children!
- Do not place liquid near the product. Liquid could get inside the housing and cause a fire or electric shock. In case of fire damage or short circuit, de-energize the respective socket (e.g. turn off circuit breaker) and only then pull the AC power adapter unit from the socket. Do not attempt to use the product! Take it to your dealer for repair immediately.
- Never touch the AC power adapter unit when your hands are damp or wet.
- In industrial facilities, safety regulations for electrical equipment and facilities must be observed. If the product is used at schools, training facilities, or do-it-yourself/hobby shops, it should not be handled unless supervised by trained, responsible personnel.
- Do not drop NVS1501 device.



Caution

The product must not get damp or wet. This product is not a toy. It contains fragile and swallowable glass parts, small parts, and a rechargeable battery. Any use other than that described above may damage the product. Read these operating instructions thoroughly and carefully. The instructions contain important information for installation, operation, and handling. Take note of all safety instructions.



6. About the Rechargeable Battery

A "Li-Poly" (lithium-polymer) rechargeable battery is integrated into the NVS1501. This rechargeable battery does not have the so-called "memory effect"-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 NVS1501. 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 NVS1501 with metal objects.
- Charge the rechargeable battery regularly, even if you do not use the product. The NVS1501 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.

08 ABOUT THE RECHARGEABLE BATTERY

7. Charging the Rechargeable Battery

1. Internal battery

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

- 1 Turn off NVS1501.
- 2 Connect the charger's wall plug to the NVS's "DC IN" slot.
- ③ Plug the AC power adapter unit into a wall socket.
- ④ The LED above the Control key shows red during the charging.
- (5) When the battery is charged, the red LED turns off.
- 6 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 NVS1501 via the USB/FireWire 800 (IEEE 1394b) cable, or the AA battery holder.

With a completely empty rechargeable battery, the charging procedure lasts approximately 4 hours using the AC power adapter, or the FireWire 800 (IEEE 1394b) cable. With the USB cable, charging takes about 7 hours. With the AA battery holder, charging takes about 10 hours. An AA battery pack charges about 40% of the internal battery capacity.

Reference

- You must turn off the NVS1501 in order to charge the unit.
- The NVS1501 can be charged via USB without using the AC power adapter included in the box. A high powered USB connection is needed, i.e. a USB connection with its own power supply, such as the USB port of a computer or a USB hub with a power unit.
- If the NVS1501 is operated with a notebook, you must always use the AC power adapter unit to charge the NVS1501. Notebooks may not deliver the necessary amount of current via USB
- The NVS1501 will operate for about two hours with a fully charged internal battery.
- When connected to a computer using FireWire 800 (IEEE 1394b) or USB, the NVS1501 draws power from the computer, not the internal battery.
- If the NVS1501's battery is completely discharged, the performance of the battery may be degraded. It is recommended that the NVS1501's battery be recharged before the battery gauge reaches the empty level.
- See Chapter 8 for more information on the battery gauge.

Caution

09

• Car charger cable should be used only for charging the internal (or external) battery.

CHARGING THE RECHARGEABLE BATTERY

8. NVS1501 Interface

1. Turning NVS1501 on/off



2. Key operation

The NVS1501 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	Press once and release immediately.	
L	Press and hold the key for more than two seconds.	
AV4>	Push the key in the appropriate direction. Up/down/left/right movements are supported. Pushing and Holding the key in the up or down direction, results in repeated executions of the operation.	

If the control key is not working: If the control key is malfunctioning, the menu sub-functions cannot be used. However, functions such as copy and verify can be controlled through the power key. The user could thus rely on the power key—instead of the control key—to select the desired function from the menu.

3. The LED indicator



4. The LCD Display 1 **• (1)** 145.0 GB XCOPY READY 3 🔲 OFF ① Remaining capacity of the internal hard disk. If the capacity of the internal hard disk is uncertain, the display will be grayed out. A capacity check will be performed automatically during power on or power off. The capacity check can also be activated from the menu. If an external hard drive is connected to the NVS1501, the capacity of external hard drive will be displayed next to the capacity of the internal hard drive. ② Remaining capacity of the rechargeable battery The battery capacity is displayed four ways: $(3 \rightarrow 2 \rightarrow 1 \rightarrow \text{empty})$ by the battery gauge. (Full): 80% ~ 100%

 (1017): 00% - 100%

 (2nd Gauge): 30% - 80%

 (1st Gauge): 5% - 30%

 (Empty): Under 5%

Reference
• Once the capacity counter has decreased, it will not increase until fully charged

③ Current status of the device.

4 Available functions for the current screen. The display varies depending on the function in use.

NVS1501 INTERFACE 12

9. Formatting the Hard Drive

The hard disk in the NVS1501 should already be formatted with the "FAT32" or "exFAT" file system. Only one (or the first) partition can be used. Do not attempt to format the NVS1501 disk with a computer. Use only the format function on the NVS1501. This will allow the hard disk to be read by either the Windows or Mac operating systems.



The NVS1501 can work only with one partition in the file format "FAT32" or "exFAT". Therefore, NVS1501 offers users the function for formatting the hard disk in the "FAT32 file system" or "exFAT file system". If you using SDXC card then NVS1501 should be formatted with the "exFAT" file system.

To Format a New Hard Disk

The NVS1501 must not be connected with a computer via USB or FireWire 800 (IEEE 1394b). Remove any memory card or USB device.



FORMATTING THE HARD DRIVE

149.0 GB	Confirm the selection by pushing the	
HDD Format	control key upward. You can cancel the operation by pressing and holding the control key or power key	
ALL DATA IN HDD WILL BE DELETED FORMAT HDD ?	Note: With Windows XP, hard disks and partitions are formatted (with a size of	
	"NTFS": the "FAT32" option is no longer	
	available. For MAC OS, hard drives are	
149.0 GB	formatted with the file system HFS+	
HDD FORMAT	incompatible with the NVS1501.	
All data in HDD will be deleted Format HDD ?	Then you can repartition and reformat the hard disk; to confirm, push the control key downward. All data on the hard disk will be lost!	
	You can cancel the operation by pressing and holding the control key or power key.	
149.0 GB		
HDD Format	The NVS1501 indicates the progress of the formatting operation.	
Formatting		
149.0 GB		
HDD Format	When the formatting is completed you are	
Completed	ready to copy data to the hard disk.	
	FORMATTING THE HARD DRIVE 14	

10. Using the NVS1501 as a Hard Drive

The NVS1501 can be connected to your computer for use as an external hard disk. Two connection methods are supported.

- 1. Connect to the computer's USB2.0 slot via the NVS1501 "USB slot" and the USB cable.
- 2. Connect to the computer's Firewire 800 (IEEE 1394b) slot via the NVS1501 "Firewire 800 (IEEE 1394b) slot" and the Firewire 800 (IEEE 1394b) cable.

Device drivers for the NVS1501 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.nextodi.com/support

http://www.nextodiusa.com/support.htm

When you have successfully connected the NVS1501 to your computer, the contents of the NVS1501 hard disk will appear in Windows File Explorer.

1. Connect via USB

Turn your computer on. Wait until the operating system is completely booted.
 Turn your NVS1501 on.

- ③ Connect the NVS1501 "USB" slot via the USB cable with a free USB2.0 port on your computer. A USB1.1 port can also be used.
- (4) Check the "PC Connection" on the NVS1501's LCD display.
- ⑤ If your computer detects the NVS1501 correctly, a new drive named [NEXTODI] will appear in the "My Computer" display.



2. Connect via Firewire 800 (IEEE 1394b)

- Turn your computer on. Wait until the operating system is completely booted. Turn your NVS1501 on.
- ③ Connect the NVS1501 "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 Connection" on the NVS1501's LCD display.
- ⑤ If your computer detects the NVS1501 correctly, a new drive named [NEXTODI] will appear in the "My Computer" display.



3. Browsing the contents of your hard drive

If your computer detects the NVS1501 correctly, a new drive named [NEXTODI] will appear on 'My Computer'.



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 NVS1501 and your computer.

For MAC

Drag and drop the NEXTODI icon to the trash. Then disconnect the cable from your NVS1501 and your computer.

17 USING THE NVS2501 AS A HARD DRIVE

11. Data Backup(Copy) and Verify

This chapter represents the 'Copy' and 'Verify' functions.

Insert a memory card into the corresponding memory slot. The slot for CF/MD/SDHC/SDXC/MS is located on the top side of the NVS1501. The Ikegami GFPAK flash memory device can be connected via the "USB-Host" slot using the USB cable.

When copying from a memory card, the NVS1501 must not be connected to a computer. The NVS1501 can copy a memory card onto the internal hard disk via the built-in memory slot or via the "USB-Host" slot connector with a USB cable. After the backup, the copy procedure can be verified. The data on the memory card and the data on the hard disk are compared with one another. This ensures that the data has been copied properly ("Verify"). You can choose the "New Copy" or the "Verify" function according to whether the contents of the memory card have been copied before.



Do not connect more than one memory card or USB external HDD to the NV\$1501. Only the first one connected will be detected. • Insert the memory card carefully. The pin may get bent if you insert incorrectly.

1. Parsing the memory



The data on the memory card is compared with the data stored on the NVS1501 hard disk to determine whether it is new data or if the data or a portion of the data has already been stored on the NVS1501. According to the comparison result, the NVS1501 operates as follows:

CANCEL

2. Cody

(1) If the memory card contains new data.



The NVS1501 will make a new folder on the hard disk and copy all the files and folders in the memory card onto the internal hard disk. The contents of the memory card will not be deleted.

E: To Copy, press the control key briefly.

I: To Cancel the copy, press the control key for more than 2 seconds.

> 18 DATA BACKUP(COPY) AND VERIFY

Fast Copy	Make new folder and copy all the memory card data into the folder.	
Verify&Copy	Same as [Fast Copy] but after copying, the data on the memory card is compared with the copied data in the NVS1501 hard drive. Each bit is verified.	
Safe Copy	Before copying data, the NVS1501 verifies that its hard drive area is safe. If a bad sector is detected, a new, safe area is found - then copying [Fast Copy] will begin.	
2) Memory ca	ard with copied	d data
f the memory hoose to [Ver	card was copie ify] or [Copy] o	ed before and not modified since, then you can r [Delete].
102.3 GB		102.3 GB
CF	3.6 GB	GF 3.6 GB CF 3.6 GB
SAME COP 2009061	Y IS IN 8.000	SAME COPY IS IN SAME COPY IS IN 20090618.000 20090618.000 New Copy CF2 Doug or CF2
VERIFY COPY	DELETE	VERIFY COPY DELETE VERIFY COPY DELETE
SBELECT 0	CANCEL	
Verify Cor car	npare data store d.	ed in the hard drive to the data stored in the memory
Copy Coj car	by again. Make a d to the hard dri	new folder and copy all of the data in the memory ive.
Delete Del	ete the data on	the memory card so that it can be reused.
3. Verify		
102.3 GB		When you choose the verify function, the NVS1501
	3.6.68	compares the data stored on the hard drive to that
CF	16 FILES	on the memory card. The verification logic entails
	OPY IS IN	differences.
	Y CF?	For verification, press the control key briefly
20090 Verif		
SAMPLE	FULL	: Another option: press the control key for more
SAME C 20090 Verif Sample		 Another option: press the control key briefly Another option: press the control key for more than 2 seconds. Select to make one more copy of this memory card.
SAME C 20090 VERIF SAMPLE	Full Cancel	 Another option: press the control key briefly Another option: press the control key for more than 2 seconds. Select to make one more copy of this memory card. verification using left/right key selection.
SAME D 2090 VERIF SAMPLE SELEOT	Full Cancel	Another option: press the control key briefly than 2 seconds. Select to make one more copy of this memory card. verification using left/right key selection. st 1MByte of each file.

. Status

Current operation status is shown in the LCD display.
1) Total number of files in the memory card versus the number of copied files.
2) Amount of data copied.
3) Elapsed time

5. Indication of Results

If the operation completes successfully, the user is notified with a beep sound and the lapsed time is displayed.

 Total number of files in the memory card versus the number of copied files.
 Amount of data copied.
 Copy speed in (MB/s)



í 📃

102.3 GB

Reference

• Remove the memory card to return to the initial display.

• If you don't remove the memory card, the NVS1501 will automatically turn off within 50 seconds to preserve battery life.

6. Error Display

The NVS1501 displays the previous operational status at the next power up. The user will then know whether the last backup was successful.

	CF ERROR DEVICE READ ERROR ERRORNO: DX33006000	PREVIOUS COPY FAILED 20090618.003 16 FILES 3.6 GB
--	---	---

12. Video/Photo Preview

The NVS1501 shows stored video or photo files after backup depending on the file format. A preview of both the internal and external device (CF/MD/SDHC/SDXC/MS/USB) is supported. Users can also choose to delete the backup folders.

1. Preview from the internal hard drive











13. Using An External Hard Drive

The NVS1501 allows a user to copy a memory card to both the NVS1501 hard drive and to an USB external hard drive at the same time, making two copies of data in a single operation. The NVS1501 provides "Multi-copy" and "Sync" functions to make backup more reliable. Users can also choose to copy from an external USB device (USB HDD / USB Card Reader) to the NVS1501 internal hard drive.

1. Connecting an external USB hard drive

Connect an external USB hard drive using the supplied USB mini-B cable during "XCopy ready" mode. Connect the larger plug to the USB HOST port of the NVS1501. The NVS1501 will detect the device and check the external hard drive.



2. When the USB drive capacity is less than 128GB



If the drive capacity is less than 128GB, this capacity will be detected and only the Copy menu option will be displayed. The NVS1501 can copy data from an external USB hard drive or from a USB card reader to the internal hard drive. For details, see chapter 11.

3. When the USB drive capacity is more than 128GB



If the drive capacity is more than 128GB, a user can choose between "Copy from USB device" or "Multi-copy/Sync" to a USB device.

For details on copy, see chapter 11. For details on "MCopy/Sync", see chapters 14 and 15.

Reference

- The "MCopy/Sync" is possible only when the capacity of the USB external hard drive is more than 128GB.
- The wall power adapter should be connected to both the NVS1501 and the USB external hard drive. The USB power supplied by the NVS1501 may not be enough to run an external USB hard drive.



15. Making A Secondary Copy (Sync)

The "Sync" function synchronizes data between the [NVSPRO] folder of the NVS1501 and the [NEXTO] folder of an external USB hard drive connected on the "USB Host" connector via USB cable. This function compares the folders stored in the [NVSPRO] folder of the NVS1501 and the [NEXTO] folder of an external hard drive. A new folder will be copied to the external hard drive only if a folder is in the [NVSPRO] folder of the NVS1501-but not in [NEXTO] folder of an external hard drive.

(1) Selecting "SYNC" from the menu 149.0 GB Move to "SYNC" on the main menu and PREVIEW select it. HDD MANAGEMENT SECTOR RECOVERY BUZZER DEE DFF INDEX AUTOGEN. FIRMWARE UPDATE SELECT **\$** BACK 148.0 GB (SYNC shown in chapter 13. INSERT AN EXTERNAL DEVICE CANCEL (2) Connecting the USB hard drive during "XCopy ready" mode 149.0 GB

LISB HDD INFO

MCOPY

SELECT

33

USED: 37.9 MB

TOTAL: 149.0GB

SYNC



(3) Sync function

SYNC

A user can select two modes of duplication, fast copy or safe copy. Highlight the desired

102.3 GB

16. Bad Sector Recovery

The NVS1501 features a bad sector recovery function. If an offloaded video file contains bad sector(s), those areas are filled with dummy files, so that the front/back frames are usable for editing/playing on an NLE system.





- The "Bad Sector Recovery" feature is supported with previewable video codec only.
- See http://www.nextodi.com/manual for a list of supported preview formats.

17. Advanced Functions

Menu	Operation	
Capacity Check	Checks the used capacity and the remaining recordable capacity on the NVS1501 hard drive.	
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.	
Delete 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.	
Language Selection	Change the language setting.	
Firmware Upgrade	Upgrade to new firmware with the firmware file stored in the internal hard drive or on a memory card.	

Press the control key briefly [S] in order to

get to the main menu.

NVS1501 has several advanced function menus, accessible from the Main Menu.

1. Capacity Check Select "HDD Management" from the main 149.0 GB PREVIEW menu. HDD MANAGEMENT SECTOR RECOVERY Buzzer OFF INDEX AUTOGEN. DFF SYNC LANGUAGE FIRMWARE UPDATE SELECT ÷ BACK 149.0 GB í E Select "HDD Info" submenu from the "HDD HDD MANAGEMENT Management" menu. HDD INFO SELF TEST TMP FOLDERS FORMAT CANCEL ÷ 149.0 GB Û The NVS1501 will show the capacity status of HDD INFO the internal hard drive using a pie diagram. USED: 37.9 MB TOTAL: 149.0GB CAPACITY CHECK E SELECT BACK 149.0 GB Select OK by pressing the control key briefly CAPACITY CHECK [S]. The capacity check will then begin. Checking CANCEL 38 ADVANCED FUNCTIONS

Enter Main Menu

XCOPY READY

37 ADVANCED FUNCTIONS









18. Burning a Blu-ray Disc

A user can connect a USB Blu-ray drive to the NVS1501 through an USB HOST port. The NVS1501 supports the burning of Blu-Ray Discs-- or the preview of Blu-ray Discs-- without the use of a computer. Only the BD-R or BD-RE is supported. There is no support for burning a CD or DVD.

1. Connecting the USB Blu-ray Drive

Connect the USB Blu-ray drive to the [USB-Host] port of the NVS1501 as shown below. The NVS1501 detects the drive and displays information.











This index file is in HTML format and can be accessed via a computer using the web browser. The HTML file (NEXTOIDX.HTM) is stored in the root directory of the NVS1501. To access a video file, simply connect the NVS1501 to a computer and double-click on the NEXTOIDX.HTM file in the root directory.



21. Troubleshooting Tips

IF THE POWER ON THE NVS1501 CANNOT BE TURNED OFF VIA THE ON/OFF BUTTON:

Press the RESET button using a toothpick or paper clip.

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



IF THE CONTROL KEY IS NOT RESPONDING:

If you are unable to select an operation that involves the pressing of the control key in an up/down/left/right direction, you can still perform the [COPY] or [VERIFY] functions of the NVS1501 by using the power (on/off) button.

First, turn on your NVS1501 by pressing the power button for over two seconds. Next, place your memory card into the appropriate slot. When the LCD screen shows [SAFE COPY], briefly press the power button to begin copying. Please note that you will be initiating the "Safe Copy" function— which is slower, but is the most reliable method of backup.

When the copying is done, remove your memory card. Now re-insert the memory card and wait until your NVS1501 asks [VERIFY?] A brief press of the power button will begin the "Verify" process.



IF MULTIPLE MEMORY CARDS INTERETD TO THE NVS1501 AT THE

Do not connect more than one memory card or USB external HDD to the NVS1501 at the same time. Only the first connected one will be detected.



IF THE FILES IN NVS1501 CANNOT BE COPIED OR EDITED AT THE

When a video file stored in the NVS1501 cannot be copied or edited on a computer, the problem may be a bad sector on the hard drive. The NVS1501 has a sector recovery function which may recover the video file. For details on Sector recovery, see chapter 16.

58 TROUBLESHOOTING TIPS

22. Battery Disposal

Batteries/rechargeable batteries containing harmful substances are marked with the following symbols: Cd=cadmium, Hg=mercury, Pb=lead. You can return batteries/rechargeable batteries free of charge to any authorized disposal station in your area, in our stores or in any other store where batteries/rechargeable batteries are sold. Do not dispose of used batteries in the household trash.

The Li-Poly rechargeable battery integrated into the NVS1501 must be removed from the housing prior to disposal. Please see your authorized NVS1501 dealer for this service.

FCC Rules and Regulations - Part 15

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference at his own expense. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

Technical Specifications

Device	NEXTO VIDEO STORAGE	
Model Number	NVS1501	
LCD	2.4" Color TFT LCD: 320*240, 64K colors	
	CF	CF Type 1/2, Micro Drive
Card Sidis	3in1	SDHC/SDXC/MS
External Harddrive Support	USB 2.0: 480Mbit/sec	
Battery	Internal: 3.7V 4400mAH rechargeable Li-Poly battery (120 min) * Rechargeable by AC adapter, USB cable, FireWire 800 (IEEE 1394b) cable (9-9pin), and Car charger cable External : Battery holder for recharging Internal battery with four standard AA cell batteries (40 min)	
AC Power Adapter	Input: 100–240V AC Output: 12V/1A DC	
Bus Power Operation	Operate with USB bus power or FireWire 800 (IEEE 1394b) cable power	
Computer Interface	USB 2.0 : 480Mbit/sec FireWire 800 (IEEE 1394b) : 800 Mbit/sec	
File System Format	Internal hard drive : FAT32 / exFAT Memory card (including SxS) : FAT12/16/32/exFAT	
OS Compatibility	Windows VISTA/XP/2000/ME MAC OS 10.6 or above Linux2.4.18 or above	
Dimensions	154mm * 91mm * 33mm (6.1 inches * 3.6 inches * 1.3 inches)	
Weight	430g/15.1oz (with Hard drive)	
Contents	NVS1501 Main unit / Manual / AC power adapter / USB cable / IEEE 1394b (FireWire 800) cable (9–9pin) / AA battery holder / Rubber jacket for shock protection	

59 BATTERY DISPOSAL