NEⲯTO DI CARD BATCHER

THE MULTIPLE CARD READER AND COPIER

NCB-20-001
SD & Micro-SD 8 slot

● User Guide

● Version June/2017

Introduction

Thank you for purchasing the NEXTO CARD BATCHER (NCB-20).

Please read this manual before using the Product. Follow operating instructions carefully to avoid damage on the product, or personal injury.

Important safety notice
● The color or shape of the product you purchased may be a rather different from the representative image.
● 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, bump, shock, or expose the NCB-20 to vibration during video preview or while data is being transferred.
● Do not use near open flames (candles, stoves, grills, fires) or sparks (fireworks, welding torches).
● NextoDI does not offer and guarantee a service for data loss. For your important data, the additional separate backup is recommended. For more secure data management, backup your data to an extra hard drive periodically. 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.
● This product can be used for business purpose as registered by EMI compliance.

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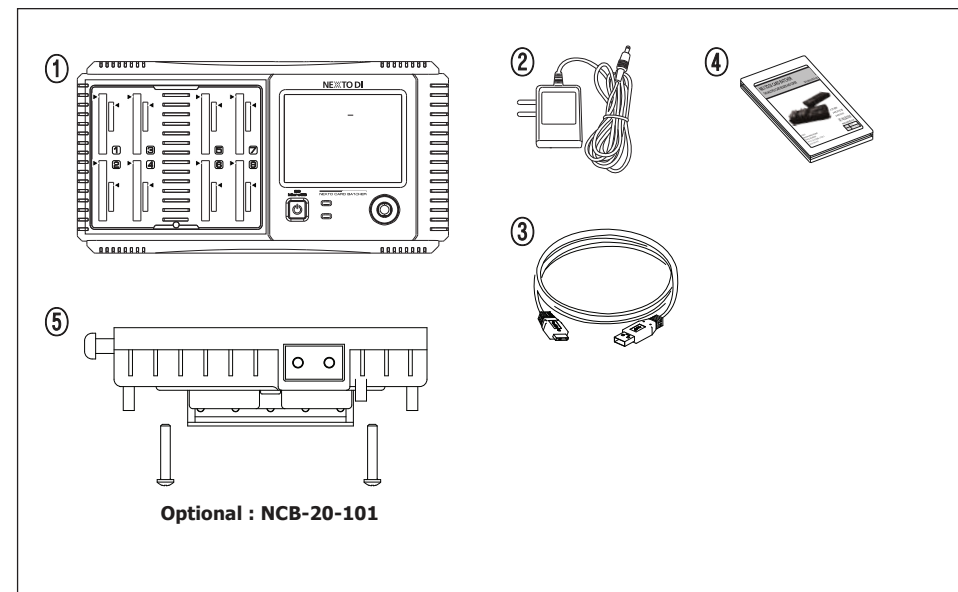**Copyright © 2017 NextoDI Co., Ltd.**

Origin	S. Korea
Manufacturer	Nexto DI Co., LTD

Table of Contents

1. Contents of the Product

1. Main Package

Optional : NCB-20-101

① NCB20 Main unit : Depending on which product you have purchased, you may have attached V-mount Battery Plate (Pro model). If not, you purchased Basic model.

② AC Power Adapter (12V/2A): This is used to provide operating power while NCB20 is in use.

③ USB3.0 cable : This is used to connect NCB20 to the computer

④ User Guide

⑤ V-mount battery plate (Optional)

2. Device Diagram
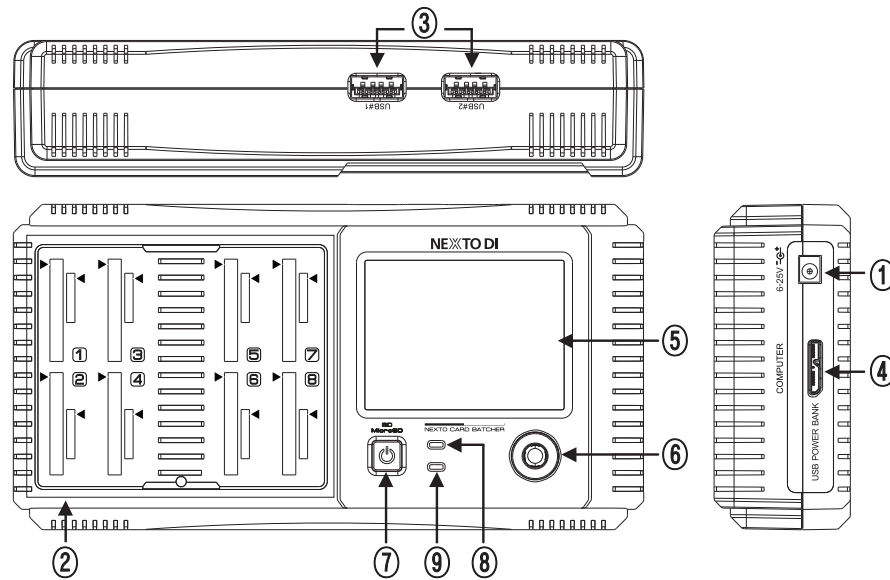
① DC_IN slot for AC power adapter unit. DC 6~25V, 2A.

② SD/Micro SD card slot : It can not be plugged in both SD card and Micro SD card at
   the same time in one slot

③ USB 3.0 host port : USB Port for connecting external HDD. [USB#1], [USB#2] It supports two
   USB external HDD simultaneously through two ports

④ Computer interface port : This port is used to connect to a computer and use it as a
   USB card reader, or to receive power from a USB cable from a USB Power Bank

⑤ LCD display

⑥ Control Button: Controls the movement of the cursor up / down / left / right and the function
   in power ON state

⑦ Power Key: When the power is off, press the button for 2 seconds to turn on the power.
   If the NCB20 does not operate normally, press and hold the button for 7 seconds to turn
   off the NCB20 in any case

⑧ Power on LED: Green lights when power is on

⑨ Action LED: Red lights when USB storage device or memory card is in operation

3. Product Description

NEXTO CARD BATCHER (hereinafter NCB20) provides following functions.

3.1. Memory card backup and verify

Card copy and verification must be done after connecting external power or external battery.
This function backs up the contents of the memory card to a USB external drives. Refer to
'8. Connecting Memory Cards ' and '9. Mode Selection'.

3.2. Card Reader

The Card Reader Function works as a USB card reader by connecting to a computer. Refer to
'9.3 Card Reader Mode' for details.

3.3. Delete Card

Delete Card function must be used after connecting an external power supply or external battery.
You can delete all the contents of the connected memory cards at once. For complete backup
information, see chapter '8. Connecting Memory Cards' and '9.4 Delete Card Mode'.

3.4. Playing Videos and View Photos

The NCB20 includes a video / audio playback function (optional) that allows you to check the
contents of video data backed up from supported memory card (SDHC / SDXC).
See '11. Video / Audio Playback and Photo Viewing'.

3.5. Easy Button Operation

All functions can be easily operated by using two buttons (Power & Control), and the operation
status can be checked through the LCD screen. For how to turn the power on and off
and how to operate the buttons, refer to '7. Basic Functions'.

3.6. Changing Device and Slot Names

Backup folder names are created based on the 'Device Name' and 'Slot Label'. This name and
label can be changed in the 'Setup' menu for user preferences. Refer to '13. System Preferences'.

3.7. Checking The Usage Log

NCB20 saves the usage logs such as XCopy, MCopy and computer connection as LOG file
to the drive (USB external drive). To check the LOG file, you can check the drive (USB external drive)
by connecting it to your computer. Refer to '12. Checking What You Have Backed Up'.

3. Product Description

3.8. Firmware Update

If the product has been improved, new firmware will be provided. Refer to '13. System Preference'.

3.9. Language Setting

NCB20 is designed to support multiple languages. Please refer to '13. System Preference'.

4. Symbols Used in This Document

	Warning	The flash icon in a triangle indicates warning for personal injury hazards such as electric shock.
	Caution	An exclamation mark in a triangle indicates important instructions which must be observed.
	Reference	An introduction of useful tips using the product.

5. Safety Instructions

Caution

In case of any damage due to failure to observe these operating instructions, the warranty will be 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 would be voided 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 housing. This device is not user serviceable.
- The AC power adapter unit is intended for use in dry conditions to avoid electric shock.
- 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(<32ºF), 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 could 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.
- 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 t he 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.
- The product must not get damp or wet.
- Be careful not to connect an electrically live object to the power adapter and V-mount battery terminal (metal part). There are risks of fire and electric shock.
- If this product is connected to a voltage exceeding 25V through the car cigar/ cigarette lighter jack, it may cause damage to the product.

6. Power Management

The NCB20 can be powered by the following three methods.
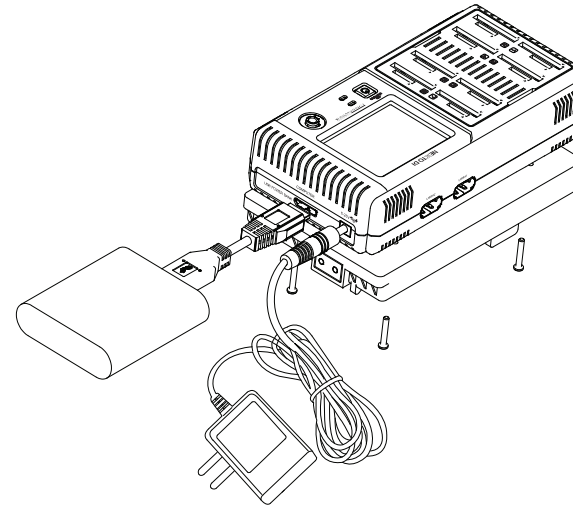
1. Powered by power adapter.(DC 6~25V) Connect the DC jack of the power adapter to the DC_IN port ⎓ and connect the power adapter to the AC outlet. Press and hold the power button on the bottom of the LCD for at least 2 seconds.

2. If you are supplying power from a battery via Computer Interface Port, you can use only one USB external storage device due to USB power bank capacity limit. Also you can use only two memory card slots (1 & 2). When using the USB Power Bank, it is possible to use battery with minimum 10,000mAh, output current 2.1A or more.

3. Powered by V-mount battery (Optional. Model NCB-20-101)
For products with a V-mount plate, you can connect the V-mount battery directly. Alternatively, power can be supplied via a D-tap cable as well.

To turn off the power, press and hold the power button for more than 2 seconds. In case of emergency, press and hold the power button for more than 7 seconds to turn off the power.

☞ DC power input allows a wide range of power input between 6V and 25V, but if the polarity is reversed, the internal circuit will be damaged.

☞ It is best to use the adapter supplied with the product in the package.

☞ We recommend that you turn off the power to save power if you leave the product for a long time without using it. Auto Power off mode can be configured in System Preferences.

7. Basic Functions

7.1. Power ON/OFF

Press and hold the power button at the bottom of the LCD for at least 2 seconds until the boot logo appears on the screen as shown on the left, then release the power button. If you keep pressing the power button after the logo appears on the screen, the power will turn off automatically.

When the product turns on normally, the mode selection page will appear as shown on the left.

If there is no operation for a set time (eg. 60 seconds), the power will turn off automatically. Otherwise, if the '[L] Power Off' menu is displayed at the bottom of the LCD screen, you can manually turn off the product by pressing and holding the control button. For the auto power off time setting, refer to '13. System Preferences' section.

☞ The NCB20 can be off via the power key by pressing for more than 7 seconds when frozen. However, please do not use this button unless it is inevitable because the contents may be damaged if you press this button while it is in operation.

7. Basic Functions

7.2. Button Operation

After powering on the NCB20 with the power button, all operations are performed via the control button. Control Button operations are as follows.

Symbols	Operation
S (Short Press)	Press once and release immediately.
L (Long Press)	Press and hold the key for more than one second.
▲▼◀▶ (up/down/left/right)	Push the button 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 button is not working**

The power button allows you to use all functions except the video/photo view function.
If the control button fails, use the [S] and [L] functions with the power button.

7.3. Mode Selection
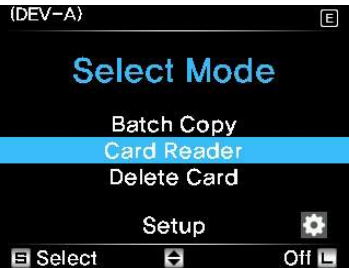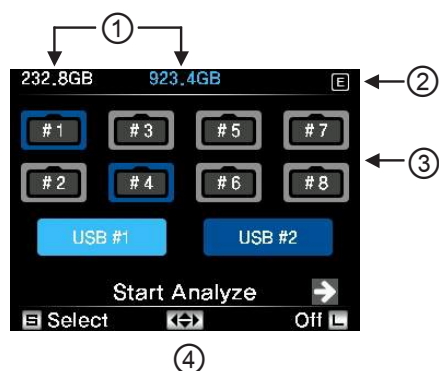

When the power is turned on, the operation mode is as shown on the left.

Move the control button up or down to select the desired mode.

| Batch Copy	This function copies the SD card to a USB external storage device without a computer
Card Reader	This function works as USB card reader by connecting to a computer
Delete Card	This is a function to delete all the data of the inserted memory card
Setup	Proceed to the configuration menu

7. Basic Functions

7.4. The LCD Display

① Remaining capacity of the external hard drive connected to USB #1 and USB #2

When the power is turned on, it automatically checks the remaining capacity of the USB external drive. For information on the external hard disk, refer to '10.3 USB External Drive Management'

② External power connection indication: It is displayed as [E-Icon] when operating with power adapter or V-mount battery, and [U-Icon] when operating with USB power

③ Current status : Indicates the current operation status in the center of the screen

④ Buttons: At the bottom of the screen, it shows the commands that can be executed

8. Connecting memory cards and USB external drives

NCB20 can backup by connecting memory cards (SDHC / SDXC) and USB external drives. Refer to '9. Mode Selection'. The NCB20 supports memory cards formatted using FAT32/exFAT/HFS+/UDF. For USB external drives, NCB20 only supports exFAT formatted drives.
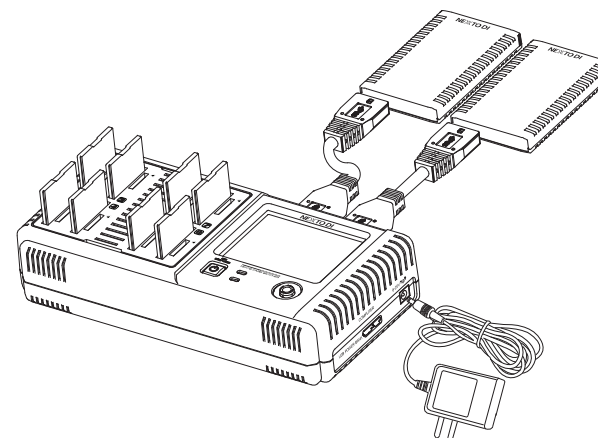
8.1. Connecting The Memory Card

The SD card / MicroSD card can be used by inserting multiple SD cards at the same time into eight slots built into the main unit. However, you can not use an SD card and a MicroSD card at same time.
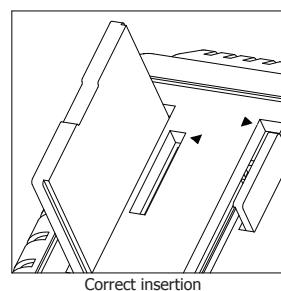
Correct insertion

When operating with USB power, only Slot1 and Slot 2 will operate because of USB power limitations.
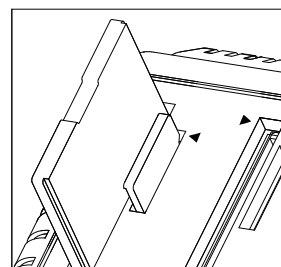
Incorrect insertion

⚠ Caution

● Forcibly inserting the memory card or inserting it in the other direction may damage the connecting pin and cause the product to malfunction.

8. Connecting memory cards and USB external drives

8.2. Connecting the USB external drive

The NCB20 supports two USB external drives simultaneously via two USB 3.0 host ports [USB # 1] and [USB # 2].

Connect the USB external drive to the [USB # 1], [USB # 2] terminal on the top of the product and turn on the power when the NCB20 is in the "Copy Ready" state or when powered off.

Connect the larger end of the USB cable (USB3.0 Standard-A) to the NCB20 and the smaller end (USB3.0 micro-B) to the USB external drive.

👉 Reference

- The USB Host port supports only storage devices such as USB memory or USB HDD
- NCB20 supports exFAT formatted USB external drive only.
- When operating with USB power, only USB # 1 will be operated due to USB power limitations
- USB hub is not supported.

9. Mode Selection

When the memory card is inserted into the slot and the USB external storage device is connected to the USB Host terminal, the NCB20 automatically becomes ready to back up the contents of the memory card. For how to recognize the memory card, refer to '8.1 Connecting The Memory Card'.

9.1. Mode Selection
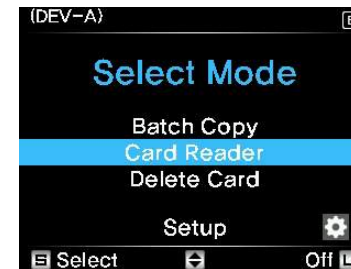
When the NCB20 is turned on normally, the operation mode selection screen will appear as shown in the left picture, which allows you to select copy or card reader mode. Move the control key up or down to select the desired mode and press briefly to go to the next screen.

👉 When selecting the mode while USB power is connected, only Slot 1 and Slot 2 will be activated due to USB power limitations.

9.2. Copy Mode

The SD card / MicroSD card can be used by inserting multiple SD cards at the same time in eight slots built into the main body. However, you can not insert an SD card and a MicroSD card in one slot at the same time.

If the connected memory card and USB external drive are detected normally, it will be displayed in blue.
In this state, select each device to enter the detailed menu, or Select [Start Analize] to advance to the detailed menu for copying the memory card.

If you select the desired memory card and move to the detailed menu, You can preview (Optional Frame Skip) the video as shown on the left. Also you can self-diagnose problems such as bad sectors. Refer to "10. Managing Memory Cards ".

9. Mode Selection

When [Start Analyze] is selected, the content of the memory card is compared with the content of the external HDD. It determines the action to be performed according to the contents.
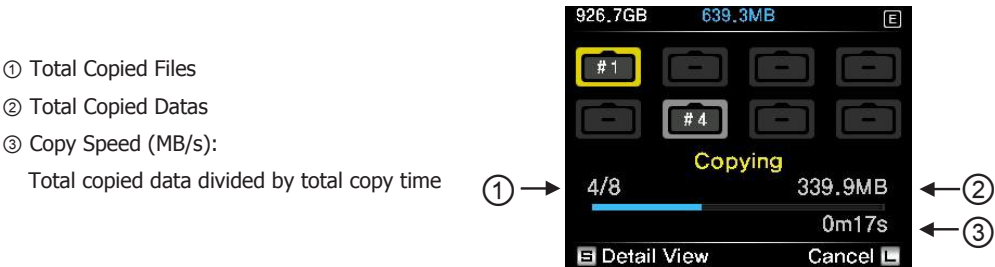

[New Memory] [Updated Memory] [Same Memory]

Depending on the contents of the memory card, the following operations can be performed.

|		
New Memory	When a new memory card is inserted	
	Fast Copy	After creating a new folder on the USB external storage device, back up everything on the memory card quickly
	Copy & Verification	After making a quick copy of the contents of the memory card, verify that the contents stored on the USB storage device match the contents of the memory card
Same Memory	If a memory card that has already been backed up is inserted again	
	Quick Verification	Only the first 1 MB of all files are verified
	Complete Verification	Verify that all files and folders have the same contents
	New Copy	Copy all the contents of the memory card again
Updated Memory (*)	A card with added or deleted content is reinserted	
	Additional Copy	Depending on the situation in which each memory card is backed up, If you have never been backed up, make a new copy, If the same content is already backed up, skip it, Make additional copies if any are added. When copying is complete, execute [Quick Verify] internally to detect possible errors
	Additional copy & verification	After performing an additional copy, run [Fully Verified] to ensure that all data is backed up without any problems

(*) This function will be added later by a firmware upgrade.

9. Mode Selection

Move the control button up or down to select the desired function and copying will start.

① Total Copied Files
② Total Copied Datas
③ Copy Speed (MB/s):
   Total copied data divided by total copy time

If you press the control button briefly during copying, you can see the current operation status in various forms.
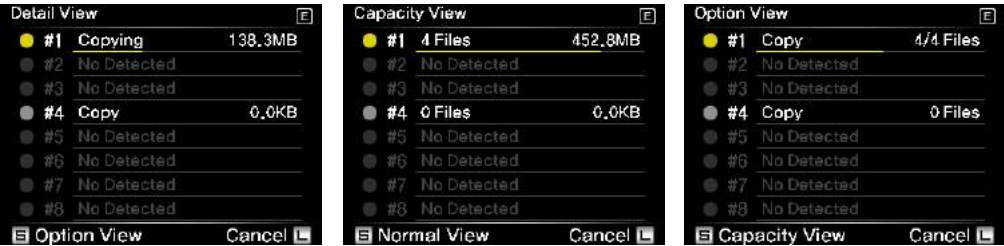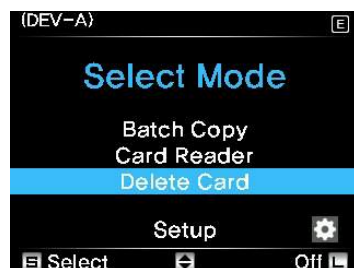

9.3. Card Reader Mode
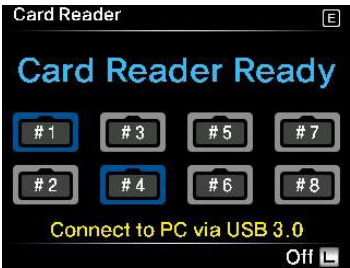
When you turn on the power and select [Card Reader Mode] on the operation mode selection screen, it operates as a USB card reader. In Card Reader Mode, only the memory card is recognized, not the connected USB external storage.
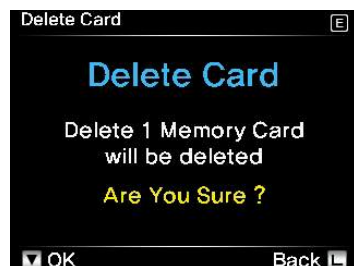
9. Mode Selection

9.4. Delete Card Mode

When you turn on the power and select [DELETE CARD] on the mode selection screen, the detected memory will be displayed.
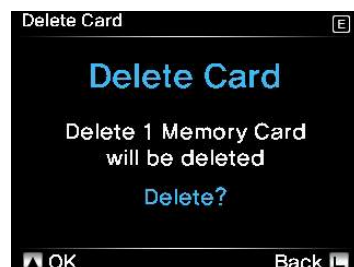
Select memory card that you want to delete and briefly press [S] button, then push the control bar up.

To execute the final deletion, lower the control bar one more time.

Remove the memory card after the deletion is completed successfully. However, in the Delete Card Mode, only memory cards formatted with FAT32 or exFAT are supported.

9. Mode Selection

👉 Reference

- If you remove the inserted memory card after completing the backup, it returns to [X copy Ready]. If you do not remove the memory card, the power will be automatically turned off after the set time (eg. 60 seconds) by the auto power off function.
- Please refer to '12. Checking Backup Contents' for the storage location of backup contents and backup folder name.

9.5. Verify Successful Backup

If memory card or external HDD fails during backup and an error message is displayed and then turned off automatically (eg. after 60 seconds) or if the power is automatically turned off after the backup (XCopy / MCopy) and verification are completed, the user will not know whether the previous backup operation was successful.
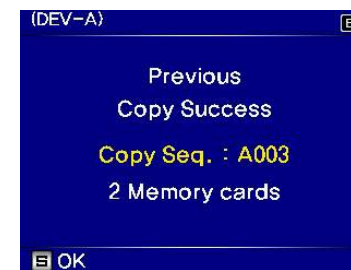When this happens, the NCB-20 will show the success / failure of the previous state as shown below when the power is turned on.

If the previous operation is unsuccessful, push the control bar up.
If the previous operation is successful, press the button briefly to go to the main screen (mode selection screen).
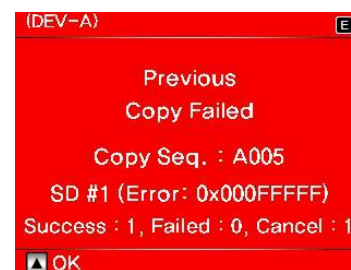
[Previous Operation Failed]

[The previous operation was successful]

NCB-20 has functions to manage memory card and USB external storage device. The three main functions are video viewing, self-diagnosis, and card deletion. For the video viewing, please refer to the '11. Video Playback and Viewing Photos'. For detailed menu for management of each memory card and USB external drive, select the copy mode in the NCB20 mode selection screen, and then move the control button up, down, left, or right to select the desired memory.
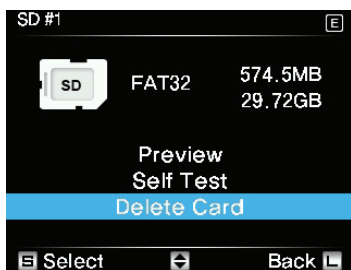
10.1. Self-diagnosis

Select "Self Diagnosis" from the detailed menu of the selected memory card and press the [S] button briefly.
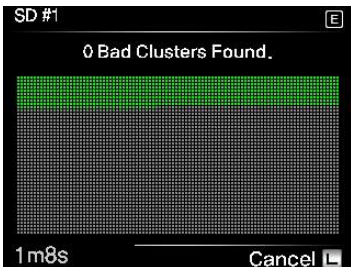
You can make a self-diagnosis by checking whether there is a problem such as bad sectors.

10.2. Deleting All Files on Memory Card

Select "Delete Card" from the detailed menu of the selected memory card and press the [S] button briefly.
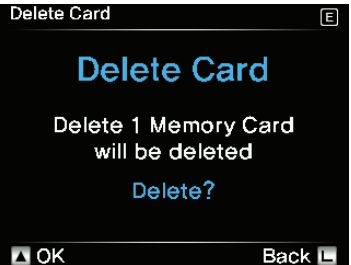
To erase the memory card, press the control button up and down once to confirm.
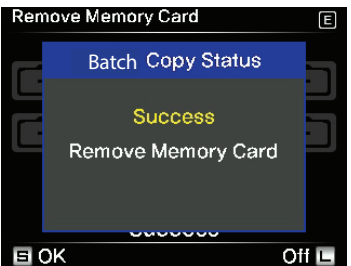
When the deletion of the memory card is complete, remove memory card.

10.3. Managing USB External Drives

Run copy mode on the NCB20's main screen and connect the USB external storage device to the corresponding USB 3.0 Host port. Move the control bar up / down / left / right to move, then press the button briefly.

## 10.4. USB External Hard Drive Information

If you press the USB # 1 or USB # 2 button briefly to select it, "External Hard Disk Info" will be displayed with the submenu. It shows capacity information of external hard drive as shown on the left. At the top left of the LCD screen, you will see the corresponding port, below which is the total capacity and remaining capacity of the USB external hard drive. A submenu is displayed at the bottom. Move the control bar up / down [□] to move to the desired menu and press the button briefly.

10.5. USB External Drive Self Test

You can perform a self-test to see if the selected drive is faulty. This function only confirms whether or not an error exists in the drive. If something goes wrong, back up your data, replace the drive or contact a professional. Select "Self-diagnosis" from the submenu of [USB # 1] or [USB # 2] and press the control button briefly.
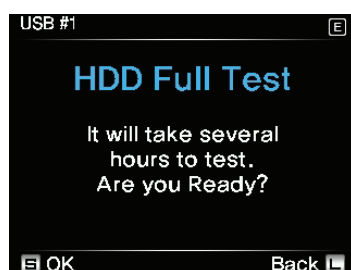
If you select "Self-diagnosis", you can run a self-test to see if there are any problems like bad sectors through a full test. It can take several hours to check for the presence of bad sectors in general. If you want to check, press the button briefly.
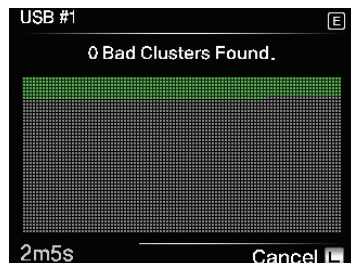
The picture on the left shows the full test.
You can cancel by pressing and holding the button [L]. If the test results in a problem, do not use the drive for backup purposes, but connect it to a computer for inspection or consult a professional.

⚠ Caution

- When the test is completed, a buzzer sounds every 3 seconds and the user is asked to check the test results
- The user presses the button to end the test and return to menu mode
- The NCB20 will not turn off until the user presses the button, so be sure to check the test results immediately
- Please use the full scan function with the power adapter connected

10.6. Delete TMP Folder on USB External Drive

If the backup fails for any reason, a TMP folder is created. NCB20 creates a TMP folder first when backup starts, and creates all the files in advance under the TMP folder. Then starts copying the data and if the data copy is successful, renames the TMP folder to the actual name. Therefore, the file may occupy only space and may contain erroneous data, thus eliminating unnecessary space wastage.
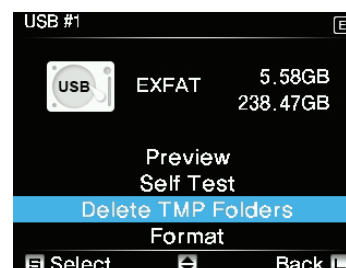
If you select "Delete TMP Folder" from the [USB # 1] or [USB # 2] submenu, it displays the number of existing TMP folders and TMP folder delete functions that are activated. Press the control button [S] briefly.
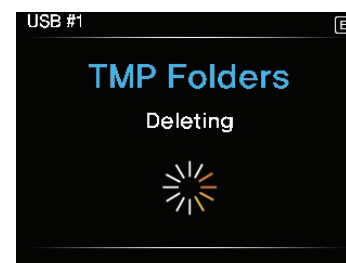
The TMP folder is being deleted.
When the deletion of the TMP folder is completed,
Press the control button [S] briefly.

👉 Reference

- We recommend the files in the TMP folder be deleted.

10.7. Formatting USB External Storage

Move to the "Format" item in the [USB # 1] or [USB # 2] submenu and press [S] button shortly.

10. Managing Memory Cards and USB External Drives

When formatting, the user can select Disk Label. Selectable Label is NEXTODI_00~99.

If you want to format, move the control bar up and down once.

Format is running.
When formatting is completed, the completion screen is displayed and the screen returns to the previous menu automatically.

11. Video/Audio Playback and Photo Viewing

NCB20 can check contents of the memory card or USB external storage device by Folder Search function. For how to connect a memory card or USB external storage device, refer to '8. Connecting Memory Cards and USB External Drives'.

☞ Reference

Movie playback function is provided as an additional function when [Preview Pack] is purchased. [Preview Pack] can be purchased through our web page. If you have not purchased [Preview Pack], you can only view one video per folder.

11.1. Watch Video on Memory Card
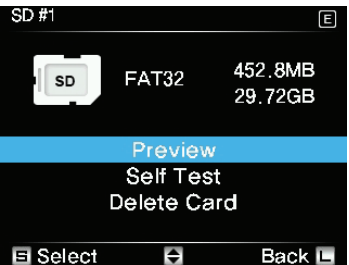
Select the Copy Mode from the main screen. Use the control buttons to move to the slot where the memory card is inserted and press the [S] button. Briefly press the [S] button to view the video in the submenu.

When you select the video viewing menu, the number of images and files will be displayed. Select "Show Videos" in the sub-menu.

11.2. Play Videos on Memory Card
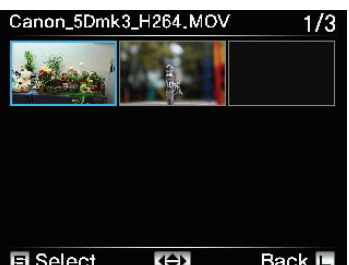
If you select "Show Videos", the saved video file will be displayed as thumbnails as shown on the left. Only movies that support playback are displayed as thumbnails, and video files in unsupported formats are displayed as X. Move the control bar up / down / left / right here to select the thumbnail to play and press the button briefly.

11. Video/Audio Playback and Photo Viewing
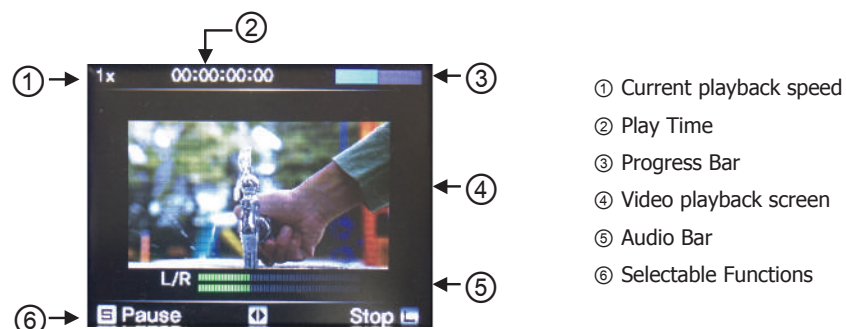
① Current playback speed

② Play Time

③ Progress Bar

④ Video playback screen

⑤ Audio Bar

⑥ Selectable Functions

The selected movie will play as shown above. However, audio is not supported and can not be heard. Pressing the control button briefly [S] will select play / pause and moving left / right [□] will adjust the movie playback speed. Press [L] to stop movie playback and return to the thumbnail display screen.

👉 Reference

● The file formats that can be played are provided in the product specifications of this document or at
https://www.nextodi.com
● S(Slow)/ 1/2/4/8/16 /32 playback speeds are supported for videos.

11.3. View photos on memory card

Select the Copy Mode from the main screen.
Use the control buttons to move to the slot where the memory card is inserted and press the [S] button briefly.

If you select the Video view menu, then Show Videos, Show images, Show File List, etc. will be displayed.
Then select "Show Images".

11. Video/Audio Playback and Photo Viewing

If you select "Show Images", the saved picture file will be displayed as thumbnails as shown on the left. Only supported pictures will be displayed, and unsupported picture files will be displayed as X. Move the control bar up, down, left, or right to select the thumbnail and press the button briefly.

① File Extention

② Photo Resolution

③ Actual Photo

④ Selectable Functions

The selected picture is displayed as shown in the picture above. Press the [S] button briefly to select the slide show or you can adjust the slide show speed by moving left and right [<->].

## 11.4. View Photos on External Storage Device

Connect the external storage device to the USB # 1 and USB # 2 terminals, turn on the power, and select the copy mode from the main screen. Use the control button to move to the terminal position of the external storage device and press the [S] button briefly.
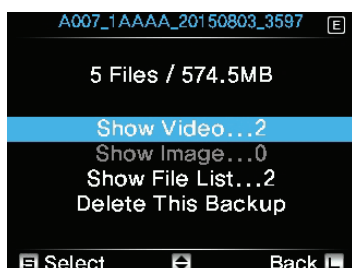

Shortly press the [S] button to view the video in the submenu.

11. Managing Memory Cards and USB External Drives

## 11.5. Playing Videos on USB External Storage
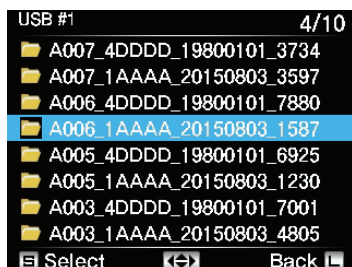
If you select "Show Videos", the saved video file will be displayed as a folder as shown on the left. When you select a folder, the number of images and files are displayed.

Select "Show Videos" in the submenu.
Only Videos that support playback are displayed as thumbnails, and unsupported movie files are displayed as X.
Move the control bar up or down to select the movie folder to play, then press [S] button briefly.
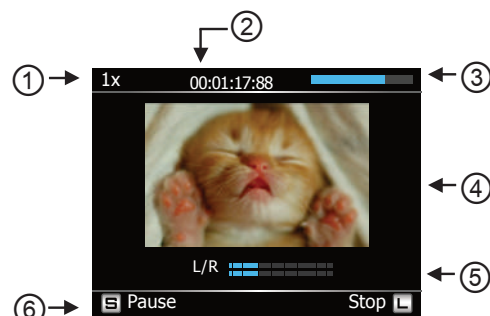
.

① Current playback speed
② Play Time
③ Progress Bar
④ Video playback screen
⑤ Audio Bar
⑥ Selectable Functions

The selected movie will play as shown above. However, audio is not supported and can not be heard. Pressing the control button shortly [S] will select play / pause and moving left / right [□] will adjust the movie playback speed. Press [L] to stop movie playback and return to the thumbnail display screen.

👉 Reference

- The file formats that can be played are provided in the product specifications of this document or at https://www.nextodi.com
- S(Slow)/ 1/2/4/8/16 /32 playback speeds are supported for videos.

12. Checking what you have backed up

The data copied from the NCB20 to the external drive can be checked by connecting the USB external drive to the computer.

NCB20 automatically manages backup data by creating "NcbLog" and "NcbCBA" folders on USB external drive. Save all the backed up data in the "NcbCBA" subfolder, and the LOG file that can check the history of NCB20 usage in the "NcbLog" subfolder.

When the user backs up the memory card, the backed up data is created in the "NcbCBA" folder in the order of device name, slot label, and date of the created file.

eg] A009_10001_20170726_1619

Device Name
Group No.
Slot ID
Slot Name
Date Code
Ramdom Number
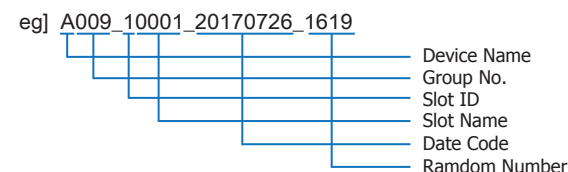
Device Name : You can select one of the values from A to Z through the Preferences. When multiple NCB20s are used, it is possible to distinguish from which device the backup folder is.

Group No : A group number that is incremented by one for each backup. The same value is assigned to the memory cards copied in the same rotation.

Slot ID : The number of each slot. It shows which slot you backed up.

Slot Name : Preferences allow you to assign a four-digit name to each slot. It can be specified by camera or photographer's name.

Date Code : Set to the last date of the recording date of stored files on the memory card.

Random Number : Random Number to prevent folder name duplication.

👉 The date generation criteria reflect the year, month, and date recorded by the camera.

👉 The LOG file that can check the usage history such as update is saved in the NcbLog subfolder.

👉 Folders that start with "TMP_NEXTO_" are folders created when the backup fails. The files in the TMP folder are abnormal data and it is recommended to delete them. For details, refer to "10.6 Deleting the TMP Folder on External Drive".

On the menu screen, move the control bar up or down to [Setup] menu by moving it to [↕] and press [S] button briefly.

13.1. Auto Power Off Setting
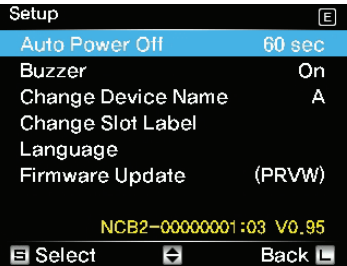
The power is turned off automatically when the NCB20 is not in operation.You can set the time as follows: Each time the button is pressed shortly, the auto power off status is repeated in the order of 'Off', 30/60/90 (sec), 3 minutes / 5 minutes.
If "Off" is selected, the power will not turn off automatically but will stay on.

13.2. Buzzer Setting
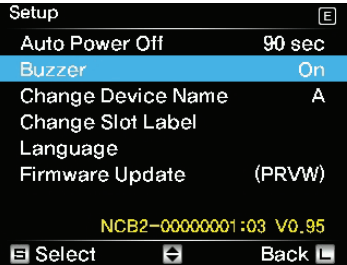
You can set the buzzer ON / OFF to indicate various operation status such as backup success / failure.
Each time you press the button [S], the sound setting status is repeated as "On" and "Off".
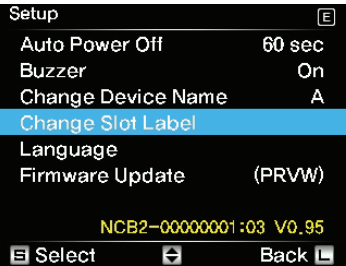
13.3. Changing Device Name
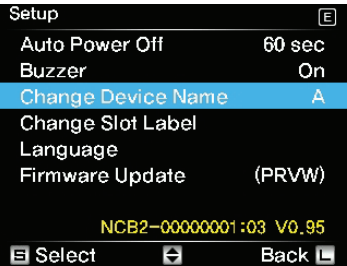
After the backup, the top folder name is created by default (Axxx ~ 9xxx) and can be changed from A to 9.
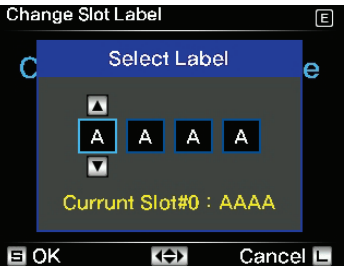A: Device name, xxx: Automatically generated by copy sequence number.
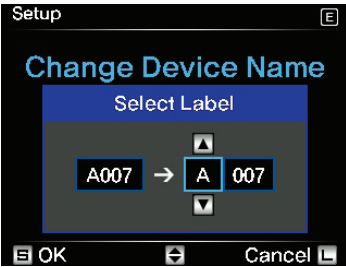
After selecting the device name change function, select the desired name by moving the control bar up or down as shown on the left.
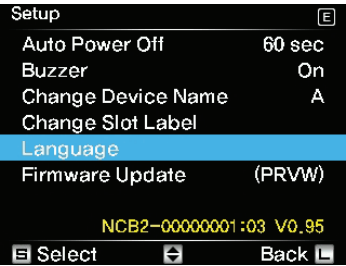
13.4. Changing Slot Label

You can set the slot label for each memory card slot.

Select the slot for which you want to change the slot label, and then move the control bar up, down, left, or right to set the desired name.
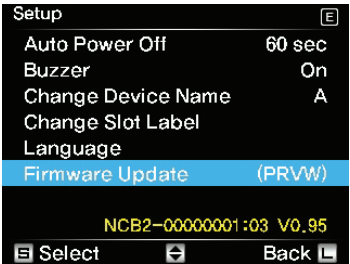
13.5. Language Setting

On the menu screen, move to the "Language" menu and press [S] button briefly.

Move the control bar up / down / left / right to move to the language, then press [S] button briefly to change the selected language.
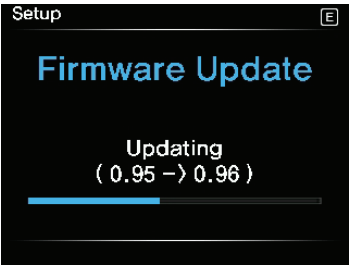
13.6. Firmware Update

Firmware update of NCB20 can be done through USB external storage device. Copy the supplied firmware file (NVSCBA.BIN) to the root folder of the USB external storage device, and connect the USB external storage device.
Then select the Firmware Update menu in Setup.
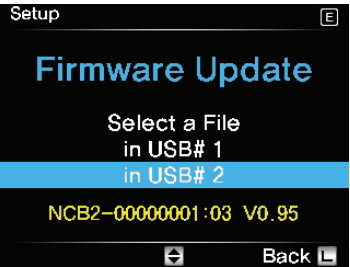
Select USB # 1 or USB # 2 where the firmware file is and press the button briefly press [S] to start firmware update.

The current version and new version of the firmware are displayed as shown on the left.
If you move or drop a USB external storage device during a firmware update, the update may fail with the power off. If the firmware update fails, you will not be able to use the product anymore, so be careful not to turn off the power.

After the firmware update is completed, the NCB20 will power off automatically after a while.
After power on, NCB20 will operate with newly updated firmware.

If there is no firmware file in the root directory, or if it is not a right file, it will be displayed as left. In this case, download the firmware again and try again from the beginning.

14. Trouble Shooting

(1) If the power does not turn off

If the product does not turn off due to malfunction during NCB20 operation, press and hold the power button at the bottom right of the main body for 7 seconds to turn it off. However, if forcibly pressing this button while the NCB20 is in operation may damage the contents of the memory card or USB external storage device.

(2) If the control button is broken

When the control button is broken, it is not possible to use the menu function which requires up / down / left / right selection. In this case, however, you can still use the power button to copy the memory card. The copy function of NCB20 is designed to be able to execute without the up / down / left / right button. You can use the copy or verify function by briefly pressing [S] or [L] on the power button.

(3) If the power does not turn on

You must press the power button for more than 2 seconds with the power adapter connected or press the power button for more than 2 seconds with the USB battery connected.

(4) An error occurs when backing up data stored in a USB external drive (or SSD) to a computer

If an error message appears on the computer when copying a backed up USB external drive to the computer, there is a bad sector in the drive (or SSD). Please consult a professional recovery company to recover your data.

15. Product Specifications

Model Name	NEXTO CARD BATCHER
Model Number	NCB-20-001
	NCB-20-101 (V-mount option)
LCD	2.4" Color TFT LCD : 320 x 240, 64K color
Memory Support	SD(SDHC/SDXC that support UHS) 8 slot
	MicroSD 8 slot
USB External Drive	USB3.0 External Storage , max 32TB
	USB Mass Storage Class
	Support for advanced format storage with sector sizes greater than 512 bytes
File System	Memory Card : FAT32, exFAT, UDF, HFS+
	USB External Drive : exFAT
Video Preview (Optional)	DV, DVCPRO HD
	XF-AVC 2K/4K, PRORES 2K/4K
	AVCHD, H.264, AVC-Intra
	DNxHD 2K
	MPEG2 4:4:4 / 4:2:2 / 4:2:0
	XAVC 2K/4K, AVC Ultra 2K/4K
Computer Interface	USB 3.0 : 5Gbit/sec
OS Compatibility	Windows XP / VISTA / 7 / 8 / 10
	MAC OS 10.6.5 or above , Linux 2.4.18 or above
Power	DC-In : DC 12V/2A (Operation Range: DC ±6~25V, Out 3.5Φ, In 1.5Φ)
	USB : USB Power Bank (5V, 10,000mA/2.1A or above) via USB cable.
	Vmount(Optional) : Vmount Battery Plate
Weight	200g / 0.4lb
Dimensions	156 x 80 x 34 (mm) / 6.1 x 3.1 x 1.3 (inches)
Contents	NCB20 Body / AC Power Adapter / USB3.0 cable