

Designed by COWON

## iAUDIO HiFi

24bit/192kHz High Definition Sound | New Highest Performance CS43131 DAC | SNR 130dB, THD+N 0.0004%, Output 2.0Vrms | Native DSD | Premium Sound DAC Filter | DSD(DFF, DSF) / FLAC / WAV / AIFF / ALAC / APE / MP3 / WMA / OGG | Playback Speed Control, Repeat A/B | JetEffect 5 & BBE+ | Ultra Slim Design | Capacitive Touch Pad | Swing Touch Interface

— USER'S GUIDE ver. 1.0EN



## THANK YOU FOR PURCHASING A COWON PRODUCT.

We do our utmost to deliver DIGITAL PRIDE to our customers.

This manual contains information on how to use the product and the precautions to take during use. If you familiarize yourself with this manual, you will have a more enjoyable digital experience.

Product specification may change without notice.

Images contained in this manual may differ from the actual product.



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Q051702



## + COPYRIGHT NOTICE

### Introduction to website

- + The address of the product-related website is <http://www.COWON.com>.
- + You can download the latest information on our products and the most recent firmware updates from our website.
- + For first-time users, we provide an FAQ section and a user guide.
- + Become a member of the website by using the serial number of the product to register the product. You will then be a registered member.
- + Once you become a registered member, you can use the one-to-one enquiry service to receive online customer advice. You can also receive information on new products and events by e-mail.

### General

- + COWON® and PLENUE® are registered trademarks of our company and/or its affiliates.
- + This manual is copyrighted by our company, and any unauthorized reproduction or distribution of its contents, in whole or in part, is strictly prohibited.
- + Our company complies with the Music Industry Promotion Act, Game Industry Promotion Act, Video Industry Promotion Act, and other relevant laws and regulations. Users are also encouraged to comply with any such laws and regulations.
- + As soon as you purchase the product, visit the website (<http://www.COWON.com>), and become a registered member. You will benefit from various member services.
- + This manual is based on product specifications, and various exemplary texts, illustrations, pictures, detailed functions and H/W and S/W specifications contained herein can be altered without any prior notice by the copyright owner.

### BBE information

- + BBE Sound, Inc. owns the license to the BBE name and information as applied to this product, in compliance with USP4638258, 5510752 and 5736897.
- + BBE and the BBE symbol are registered trademarks of BBE Sound, Inc.

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## + Precautions

Before You Start!

As these precautions are provided for the correct use of the product as well as user safety, be sure to familiarize yourself with them. The company will not be held responsible for any accident that may occur due to the failure to heed these precautions. The following information applies to all products manufactured or produced by our company.

- + Do not use this product for other purposes than those described in this manual.
- + Handle manual, product package materials, accessories, etc with care to prevent cuts and injuries to your body.
- + Do not view videos, pictures and texts stored in your player while driving a vehicle for your safety. Operating other features of the player is also dangerous and may cause fatal accidents while driving.
- + The wearing of earphones while operating a vehicle, exercising, or walking may impair, mask or prevent recognition of emergency signals, alarms, and announcements. Doing so may also be unlawful depending on the region.
- + Listening at high volume(85dB and above) for an extended period of time may harm your hearing.
- + For your protection, use the player in a well lit area where LCD screen will not overly strain your eyes.
- + Do not attempt to disassemble the player. Disassembly will void the warranty and the unit will be permanently disqualified from any warranty services.
- + For your safety, be sure to always use genuine cables provided by our company.
- + If you are using a product that comes with an AC power adaptor, please use the genuine charger offered by COWON.
- + When connecting to a PC, use only USB ports on the mother board or a USB Host card. Using an external USB hub may not guarantee proper operation(e.g. USB ports on a keyboard or an external USB hub).
- + Do not mix directions when connecting cables to your player or PC. Connecting cables incorrectly may damage your player or PC. Also, do not bend or press connection cables with heavy objects.
- + Take extra care not to apply external shock or pressure when using products with displays(LCD, AMOLED, or Touch Pad). Warranty may be voided if damage occurs due to the aforementioned circumstances.
- + Do not drop or expose the product to hard impact. This may result in malfunctions and/or unit failure, voiding the warranty.
- + Be careful not to be torn or ruptured by any sharp materials, such as animals' teeth.
- + Be sure to avoid charging the product in the vicinity of a heating apparatus or in a high-temperature environment. To minimize the risk of damage or fire, never cover the device with any objects (blanket, towel, etc.) or block the natural heat dissipation while charging or during operation.

## + Precautions

Before You Start!

- + If you smell something burning or feel excessive heat while using the product, press the RESET button to stop operation and contact the place of purchase.
- + If you find any abnormalities with the battery such as swelling, press the RESET button immediately to stop the operation and contact the place of purchase.
- + Do not expose the player to water or keep it in a damp or humid location for an extended period of time. If the player is damaged from moisture as described above, product failure is then classified as a user's misuse.
- + Touching the player with wet hands may cause damages and malfunctions. Handle the power plug only with dry hands (otherwise an electric shock may occur).
- + Using the player in places with high occurrences of static electricity may cause malfunctions.
- + Keep the player away from magnets and direct magnetic fields, as they can cause malfunctions.
- + Be sure to disconnect the power supply to the PC and USB power adaptor during lightning or thunder storm, to prevent danger to the user or the risk of fire hazards.
- + Do not expose the player in either cold weather of under 0°C(32°F) or hot temperature over 40°C(104°F) such as inside automobiles. This may cause fatal damages to your player.
- + Keep the player in cool and ventilated places, away from direct sunlight as it may cause deformation and damages to internal circuitry or LCD screen.
- + Do not use detergent or other chemicals on the product surface as it may cause fading. In this case, wipe the soiled area carefully with a soft cloth.
- + In case of using this device primarily for a storage device, it is recommended to back up all data before use. Our company is not responsible for any loss of data, for any reason.
- + All data stored in the player may become deleted when being serviced. Our company is not responsible for any loss of data that occurs during repair. Be sure to back up data to a safe place before sending your device for repairs.
- + When formatting the built-in memory, select the file system specified in the manual(e.g. FAT32 / FAT16 / NTFS).
- + The price of the product may fluctuate due to unexpected commercial conditions. Our company is not obligated to provide cash compensation for any reason.

## + Package Components

Before You Start!



iAUDIO HiFi



USB Cable

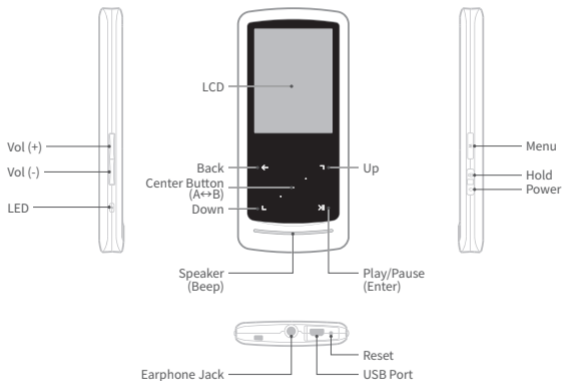


Quick Guide

\* Actual package contents may differ from the above images.

## + Names of Parts and Functions

Basic Use



• If the buttons do not work or the screen does not respond to touch, press the [Reset] button on the bottom of the device. This reset only shuts off power in case of a device malfunction and does not affect the device's performance.



## + Buttons

Basic Use

● Short    ■ Long

● Vol (+1)

■ Increase acceleration

● Vol (-1)

■ Decrease acceleration

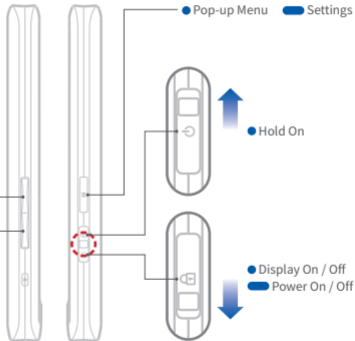
● Pop-up Menu

■ Settings

● Hold On

● Display On / Off

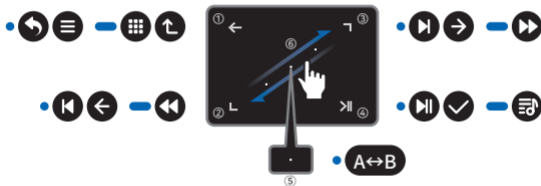
■ Power On / Off



## + Buttons

Basic Use

● Short    ▬ Long    ⇄ Touch scroll

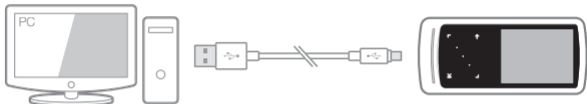


● Short	▬ Long
① Move to the above-level (previous) menu or list screen	Open Matrix browser or move to the top-level folder
② Move to the bottom-left or play previous song	REW
③ Move to the top-right or play next song	FF
④ Play/pause or launch the selection menu	In case of lyrics without time information, Lyrics Scroll Mode On/Off
⑤ Repeat a designated range of music by setting user-defined favorite music.	
⑥ Touch scroll : Touch and drag for faster scroll in menu, list, or files.	

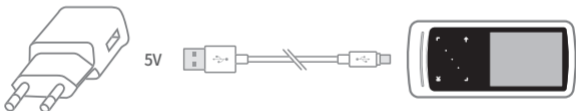
## + Power Connection and Charging

Basic Use

To charge the iAUDIO HiFi the player should be connected to either a PC or a charger using the supplied USB cable. The LED indicates the status of the battery charge. (Red : Charging, Green : Charging Complete)



Connect the device to the PC with the USB cable.  
The battery will be fully charged in about 2 hours.




Connect the device to the power adapter (5 V) with the USB cable.  
The battery will be fully charged in about 2 hours.

- Be sure to connect the device directly to a USB port located on the back of the PC. The device may be unable to establish a connection or be charged as the power supply from a front USB port or a non-powered external USB hub may be unstable.
- Fully charge the product before using it for the first time or after a period of disuse.
- For your safety, do not charge the product in an enclosed space such as under a blanket or inside a bag. Charge the product in an open space.

## + Connecting and Disconnecting from the PC

Basic Use

1. Use the USB Cable to connect iAUDIO HiFi to the PC.
2. Turn on the product.
3. The connection image appears on the iAUDIO HiFi screen.
4. Also make sure to check My Computer or Windows Explorer to see if iAUDIO HiFi is properly connected to the PC.
5. Use iAUDIO HiFi to copy the track you wish to listen to.
6. When done, click the  icon on the system tray to safely remove iAUDIO HiFi from the PC.
7. Click the popup message.



8. Safely remove the hardware and disconnect the USB cable.



- The player can recognize up to 16,000 files, and up to 8,000 folders.
- Disconnect the product after performing 'Safely remove hardware' function.
- The following message may appear randomly, but it does not indicate that the product is malfunctioning. Please try again.



- If your operating system does not display the 'Safe To Remove Hardware' window, disconnect the player after all transfer operations are completed.
- Only simple file transfer operation is available for Linux and Mac OS.
- The Storage (64GB or more) must be formatted using an FAT32 formatting tool (e.g. guiformat) to be properly recognized. (32KB or more allocation unit size is recommended.)

## + Firmware Upgrade

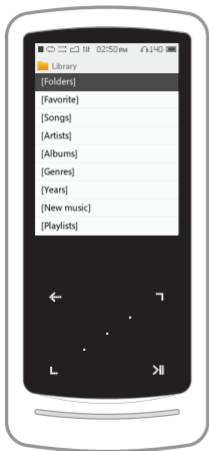
The firmware uses built-in programs in the hardware and upgrades to improve product capabilities and fix bugs in the software.

iAUDIO HiFi may use the firmware to adjust product performance or methods of use without prior notice, and minor malfunctions in the firmware may occur.

### How to upgrade the firmware

1. Download the latest firmware from the SUPPORT section of the website (<http://www.COWON.com>).
2. Use the USB Cable to connect iAUDIO HiFi to the PC.
3. Unzip the downloaded firmware and copy it to the root folder of iAUDIO HiFi.
4. Once the product is safely disconnected, remove the USB cable.
5. When you turn on the product, the firmware upgrade process will start.
6. When firmware upgrade is complete, turn on the power and go to 'Settings ► System ► Information' to check the version of the installed firmware.

- Fully charge the player before upgrading the firmware.
- Do not turn the player off before the firmware update has been completed. It may damage the product, and will void any warranty.
- Back up any important data before the firmware upgrade as any data stored on the device may be deleted during the process. Our company is not responsible for any loss of data, for any reason.

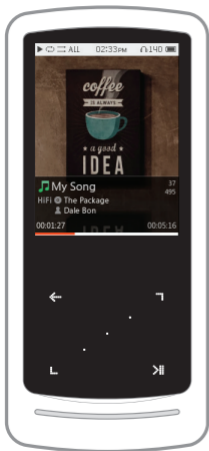


### Description of each mode from the list of Browser Mode

[Folders]	All files are displayed by folders.
[Favorite]	View track lists added to Favorites.
[Songs]	All music files saved in iAUDIO HiFi are displayed.
[Artists]	All music files are displayed by artists.
[Albums]	All music files are listed by albums.
[Genres]	All music files are listed by genres.
[Years]	All music files are listed by release years.
[New music]	Newly added music files are listed.
[Playlists]	View track lists by CUE/SACD.

## + Playback Screen

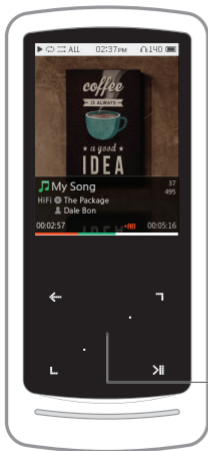
Using the Product



1. The device will be ready to play if audio files exist in the memory.
2. Tap **>||** to play audio files.
  - iAUDIO HiFi supports Album Art 2.0 feature which supports multiple album art per one audio file.
  - Maximum 6 album art per one audio file can be rotated.
3. Tap **>||** to pause the playback.
4. Briefly tap **L** **⏮** to skip by the length designated by [Settings] - [Music] - [Skip interval].
5. Tap and hold **L** **⏮** to rewind/fast forward.  
Rewind/fast forward rate can be designated at [Settings] - [Music] - [Seek interval].
6. Tap and hold **⏪** during music playback to change to matrix browser mode.
7. Briefly tap **⏪** to display file list.  
**L** **⏮** can be used to select different tracks or folders.

## + Repeat A/B

Using the Product



Tap center button to set sectional repeat.

Sectional repeat feature is only available during music playback.

### 1. Setting the sectional repeat starting point

Tap center button during music playback. ◀AB will appear in the bottom of the screen. Progress bar in the bottom will be marked green for the section designated.

### 2. Setting the sectional repeat ending point

Tap center button at the desired point of ending. ▶AB will appear in the bottom of the screen, and designated section will be played repeatedly.

### 3. Disabling the sectional repeat

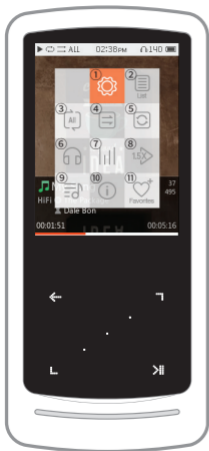
Tap center button while ▶AB is displayed in the bottom of the screen. Sectional repeat will be disabled and return to normal music playback.

Center Button (A↔B)



## + Menu Screen

Using the Product

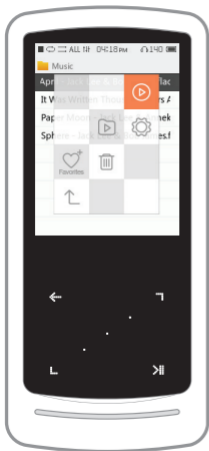


Press **M** during music playback to show pop-up containing the features below.

1		Move to the settings screen.
2		List of files will be displayed.
		All music files in iAUDIO HiFi will be played.
3		Only currently playing music file will be played.
		Only files within the currently playing folder will be played. Sub folders will be included automatically.
4		Music files will be played in normal order shown in browser.
		Music files will be played in random order.
		Tracks in the designated boundary will be played only once.
5		Tracks in the designated boundary will be played repeatedly.
		Select the headphone mode.
6		Select the earphone mode.
		JetEffect menu can be set.
7		JetEffect menu can be set.
		Playback speed of currently playing file can be set (50%~150%).
8		Playback speed of currently playing file can be set (50%~150%).
		Enable lyrics for the current song.
9		Disable lyrics for the current song.
		View song details.
10		View song details.
		Selected file can be added to Favorites.
11		Selected file can be added to Favorites.

## + Menu Screen

Using the Product



Press **M** in folders list to show pop-up containing the features below.

- |   |  |   |
|---|--|---|
| ① |  | Move to the screen of currently playing file.   |
| ② |  | Only files within the currently playing folder will be played. Sub folders will be included automatically.                              |
| ③ |  | Move to the settings screen.  |
| ④ |  | Selected folder can be added to Favorites.  |
| ⑤ |  | Delete the actual file or bookmark list.<br>* If file is deleted in [Folder] mode, it will be completed erased and cannot be recovered. |
| ⑥ |  | Move to the top-level folder.   |

## + Settings

Display	Language	Select the system language from 17 different languages.
	Font	Change the display font.
	Time display	Show time elapsed or time remaining.
	Auto display off	If there is no activity for a set amount of time, the screen automatically turns off.
	Brightness	Adjust the brightness of the screen in 10 levels.
Time	Show song change	If a playing song is changed when the screen is off, the screen turns on automatically and shows the information of a newly changed song for 5 seconds.
	Date & Time	Adjust the current date and time.
	Sleep timer	The product turns off after the set amount of time.
Music	Auto off	If there is no activity for a set amount of time, the product automatically turns off.
	Skip interval	Set the skip interval in various units. (Extended function of 'previous track/next track') Choose an interval of Track/2/3/4/5/10/20/30 seconds.
	Seek interval	Set the search speed for Fast Forward/Rewind. Choose an interval of 3/5/10/20/30 seconds for the search speed.
	Resume	Turn the setting on/off to resume the last track when the power is turned on.
	Play speed	Playback speed of currently playing file can be set (50%~150%).
	Headphone mode	Set the Headphone mode On or Off.
System	DAC filter	You can adjust the sound by changing the filter type of the DAC.
	Hearing Protection	Hearing Protection can be set.
	Hold mode	When on hold you can set the behavior of a specific button. (Volume Button : Volume or FF/REW, Menu Button : Play/Pause)
	Sleep mode	Set sleep mode to on/off.
	Beep	Turn beep sound On/Off.
	Audio L/R	Adjust the stereo balance of the audio.
	Touch sensitivity	Set touch sensitivity.
	Database update	Refresh the internal database in the product.
	Load defaults	Reset all settings to the default.
Information	Check the firmware version, available memory, and memory used.	

## + JetEffect 5 Settings

Using the Product

Select from 48 presets for JetEffect 5.	Normal / BBE / BBE ViVA / BBE ViVA 2 / BBE Mach3Bass / BBE MP / BBE Headphone / BBE Headphone 2 / BBE Headphone 3 / Rock / Jazz / Classic / Ballad / Pop / Club / Funk / Hip Hop / Techno / Blues / Metal / Dance / Rap / Wide / X-Bass / Hall / Vocal / Maestro / Feel the Wind / Mild Shore / Crystal Clear / Reverb Room / Reverb Club / Reverb Stage / Reverb Hall / Reverb Stadium / Reverb Chamber / Reverb Room 2 / Reverb Club 2 / Reverb Hall 2 / Reverb Auditorium / Reverb Cathedral / Reverb Stadium 2 / Reverb Canyon / Reverb Long / User 1 / User 2 / User 3 / User 4	
4 user-defined presets with equalizer, BBE+, Reverb, etc.	User 1 / User 2 / User 3 / User 4	
JetEffect 5 is the most sophisticated and powerful sound technology. It brings listeners closer to the natural presence and impact of a "live performance" than ever before.	Equalizer	Each band of the equalizer can be adjusted in detail.
	BBE	Sound effect that refines the sound quality. (Phase correction)
	Mach3Bass	Provide deeper, tighter, and more musically accurate bass frequency.
	3D Surround	Provide the three-dimensional surround sound effect.
	MP Enhance	Restore and enhances the harmonics lost through compression.
	Reverb (9 Modes)	Maximize the natural and live presence of the sound.

- \* You may hear distortion or noise when using extreme settings of JetEffect.
- \* Overall operation speed may be adversely affected when using JetEffect while playing high-resolution music files (e.g. 24bit, 192kHz).
- \* For detailed information about BBE, please see the introduction to BBE on our homepage([www.COWON.com](http://www.COWON.com)).

## + Product Specification

Additional

Model Name	iAUDIO HiFi	
Product Capacity	32GB / 64GB / 128GB * (FAT32 file system) **	
Display	2.0" Clear LCD (240x320)	
Dimensions & Weight	43mm (W) x 95mm (H) x 8.9mm (D) / 41g	
Buttons	POWER/HOLD, MENU, VOL+, VOL-, Capacitive Touch Pad	
Audio	File Formats	DSD (DFF, DSF) / FLAC / WAV / AIFF / ALAC / APE / MP3 / WMA / OGG
	Audio Codecs	DSD : ~5.64MHz (DSD64, DSD128) FLAC, WAV, AIFF, ALAC : ~24bit/192kHz - 32bit WAV, WAV Tag Supporting MP3 : MPEG 1/2/2.5 Layer 3, ~320kbps
	Lyrics	LRC, LDB
	Playback Speed	50~150%, Supports Pitch Correction ***
	JetEffect 5	48 Presets (44 Presets + 4 User Presets) EQ : 5 Band Equalizer (EQ Filter) BBE+ : BBE, Mach3Bass, 3D Surround, MP Enhance Special Effect : Reverb (9 modes)
Audio Characteristics	DAC	CS43131
	SNR	130dB
	THD+N	0.0004% (24bit, 48kHz)
	Stereo Crosstalk	-124dB
	Output	2.0Vrms
	Output Impedance	0.5Ω
Battery & Power	Battery	Built-in Rechargeable Lithium Polymer Battery
	Playback Time	Approximately 14 hours (MP3, 128kbps) / 10 hours (24bit, 96kHz, FLAC) ****
	Charging Time	USB : 1 Hours 40 Minutes (5V / 500mA)
Output Port	Earphone Jack (3.5mm)	
Player	Matrix Browser, Multi-Favorite	
System Requirement	CPU	Pentium III 500MHz or higher
	OS	Windows 10 / 8 / 7 / Vista / XP / 2000 / ME : All functions supported MAC OS 10.x / Linux v2.4 or higher : File transfer supported
	USB Port	2.0 High Speed (recommended)

\* Actual capacity may vary due to system memory used by the product.

\*\* The device must be formatted in FAT32.

\*\*\* Partial formats such as DSD will not be supported and the smoothness of the playback speed control may vary in reference to music tracks.

\*\*\*\* The playback time is based on the company's own test standards, thus it may differ from the actual playback time.

### + I am still confused even after reading the manual.

COWON website([www.COWON.com](http://www.COWON.com)) provides support for users of COWON products with FAQ (Frequently Asked Questions). Users are strongly encouraged to check out the website for further information regarding product usages and firmware upgrades. For individual inquiries, please contact us on-line as we will try to help you as best as we can.

### + The player does not turn on.

If the battery is completely discharged, charge the battery before you start the player. The charging time may vary depending on the battery's discharge status.

### + I can't hear any sound.

Check if the volume is set to "0". Check if there is any file available in the player. If there is no file in the player, you will not hear any sound. Please note that corrupted files will result in a noise or discontinued playback. Make sure the earphones are connected properly. Impurities in the earphone jack can cause a noise.

### + Files that I have stored do not appear in the list.

Each mode shows you a list of playable files only. To view all files that you have stored, select the Browser mode. Please note that System folder will not appear in the Browser.

### + The touch pad and buttons do not work properly.

Check if the power switch is positioned to HOLD.

### + I would like to set the device as factory default.

Settings ► System ► Load defaults : Reset all settings to the default.

### + I've set the incorrect language, and now I can't operate the device.

If you've set the incorrect system language, connect the device to your computer, delete the 'SYSTEM' folder of the device, and then reboot the device. You will be able to select the language the same as the initial setup.

- If you've set user EQ profiles, be sure to back up the profiles before deleting.

### + Computer cannot recognize the player when connected.

If connection is unstable due to frequent disconnects, connect directly to the USB port on the main board of the PC.

### + Memory capacity of the player is different or smaller than specified.

The memory capacity indicated by Windows may be different from that indicated by the memory manufacturer. The actual capacity will be reduced from the original size because some space of the memory should be used as the system area for normal operation.

### + The player does not play properly when memory is full.

Part of the memory is used for settings and system memory in the product. If files are saved in this space, the product may not function properly. Therefore, please keep a minimum of 100MB of free memory while using the product.

### + After formatting the product on my PC, it can no longer be read by my PC, the memory has been reduced, or the file transfer rate is slower.

The built-in memory of the product is already formatted and does not require additional formatting. However, if formatting is necessary, please do so by using the internal memory formatting function included within the product. When formatting by connecting the product to a PC via USB cable, use a utility that supports large-capacity FAT32 to avoid a decline in memory size or speed. The Storage (64GB or more) must be formatted using an FAT32 formatting tool (e.g. guiformat) to be properly recognized. (32KB or more allocation unit size is recommended.) This product does not support formatting on MAC OS.

DIGITAL PRIDE.

**COWON**

[www.COWON.com](http://www.COWON.com)