MELCO

Digital Music Library

N10/N100

User Manual

This manual uses sample screenshots captured on firmware version 1.03. Depending on the firmware version that is installed on your N10/N100, functions described and screenshots contained in the manual may appear differently, so functions on your product may not work as described in the manual. Always update the firmware to the latest version. The version of the firmware installed will show up during startup, or you can check it by opening the main menu and scrolling to the "System Update" option.
For the procedure of updating the firmware to the latest version, refer to the "Updating the Firmware" section in chapter 3.

Please make sure to read this manual before using and follow the procedures. If you have any inquiries about the product, contact via the website on the warranty statement. Do not discard any included documents, the warranty statement, or the packing box.

35021566-04
June 2019

Notice

Regulatory Compliance Information

For Customers in the United States

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

For Customers in Canada

CAN ICES-3 (B)/NMB-3 (B)

For Customers in Europe

Environmental Information

- The equipment that you have purchased has required the extraction and use of natural resources for its production.
- The equipment may contain hazardous substances that could impact health and the environment.
- In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems.
- The take-back systems will reuse or recycle most of the materials of end life equipment in a sound way.

- The crossed-out wheeled bin symbol invites you to use those systems.
- If you need more information on the collection, reuse and recycling systems, please contact your local or regional waste administration.

Safety Precautions

Before using your device, basic safety instructions should always be followed.

(1) Follow all warnings and instructions marked on the product.
(2) Do not discard the included documentations, the warranty statement, or the packing box.
(3) The socket-outlet shall be installed near the equipment and shall be easily accessible.
(4) Only use the cables and accessories that are included in the package. Don't use other accessories or cables unless specifically instructed to in the documentation. Also, do not use USB cables that are 3 meters or longer to connect USB devices.

If you have any inquiries about the product, contact the number on the warranty statement or the packing box.

Warning Symbols and Graphical Icons on the Product Label

Warning symbols are used on the product label for the safety operation and prevention of injury to you and damage to the unit. This explains the meanings of symbols and icons used on the product label.

	Indicates a potentially hazardous situation, which could result in death or serious injury if not careful.
	Indicates a potentially hazardous situation, which could result in minor or moderate injury if not careful.
	Alternating current
	Direct current
	Polarity of DC connector

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Chapter 1 Getting Started

Summary of Manual

Display Panel

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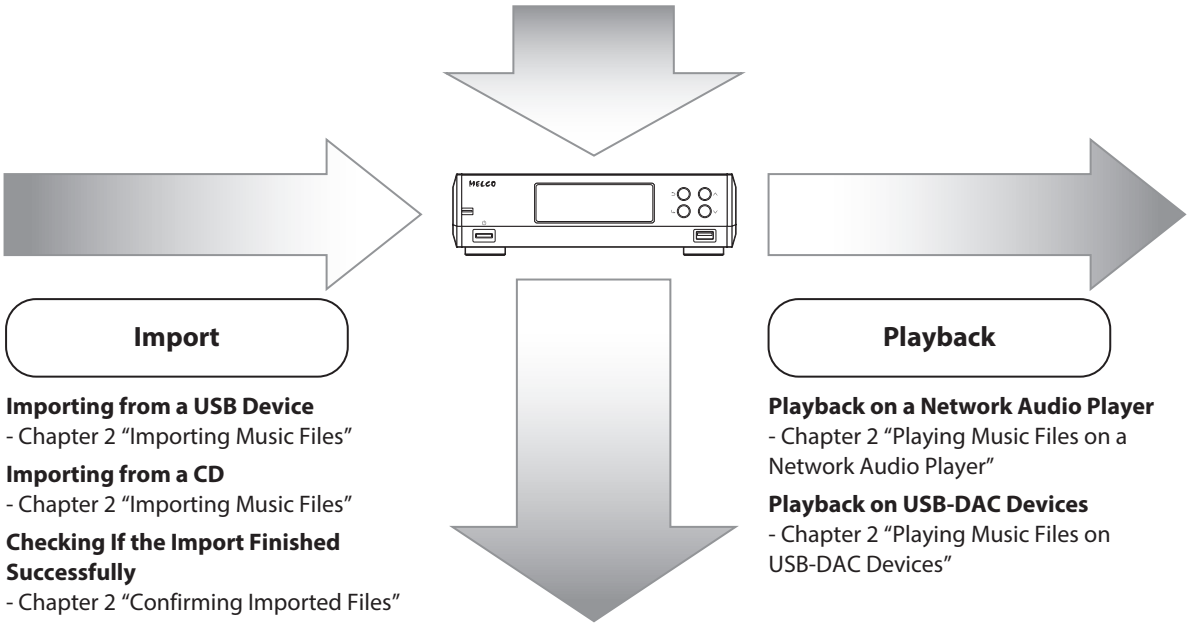
- Chapter 2 “Display”

Display Panel Brightness
- Chapter 3 “Configuring Display Brightness”

Display Language
- Chapter 3 “Changing the Display Language”



Import

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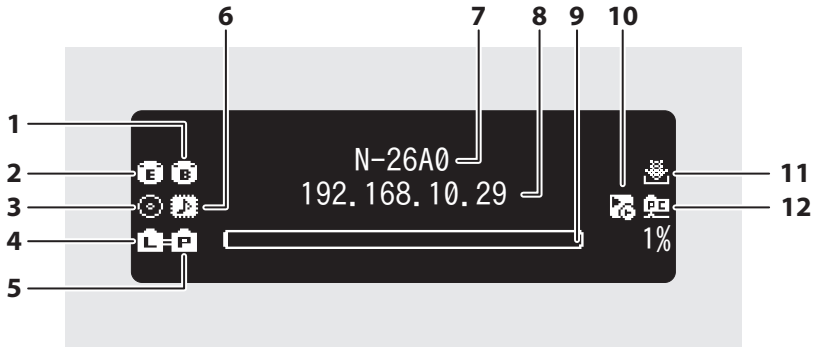
Chapter 2 Basic Usage

Display

Home Screen

Turn on the N10/N100. After it boots, the home screen will be displayed.



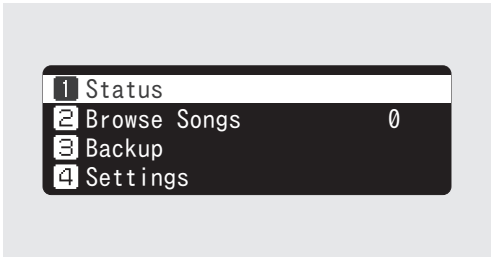
The home screen displays the following information:

Number	Item	Description
1	USB Port for Backup Drive	: Displays when "Backup or Restore" is selected as an action for a USB drive.
2	USB Port for Expansion Drive	: Displays when "Mount and Scan" is selected as an action for a USB drive. While the icon is blinking, the N10/N100 is searching for music files. When the icon stops blinking, playback is ready.
3	Status of Connected Optical Drive	: Displays if an optical drive is connected. The icon will be extinguished if no optical drives are connected.
4	Status of Connected Router or Hub	: Displays when a router or switch that is connected to the N10/N100's LAN port is on. : Displays when no Ethernet cable is connected to the LAN port or a router or switch is off.
5	Status of Connected Player	: Displays when the player port is configured to bridged mode and a connected Network Audio Player is on. : Displays when the player port is configured to isolated mode and a connected Network Audio Player is on. : Displays when no Ethernet cable is not connected to the player port or a connected Network Audio Player is off. When the player port is disabled by the settings, the icon will disappear.
6	Status of Connected USB-DAC	: Displays when a USB-DAC that is compatible with Markerless DSD is connected. : Displays when a USB-DAC that is not compatible with Markerless DSD is connected.

Number	Item	Description
7	Friendly Name (Hostname)	Displays the friendly name (hostname) of the N10/N100. The friendly name is used when accessing the N10/N100 from an app or computer.
8	IP Address	Displays the IP address. The IP address is used when accessing the N10/N100 from a computer. If no IP address is displayed, the player port is set to isolated mode.
9	Usage Capacity of Internal Drive	Displays the used capacity of the internal drive in the N10/N100, using a bar chart and a percentage (%).
10	Controller Settings	The icon will appear when a USB-DAC is connected. : Displays when controller mode is configured to "Hybrid Mode". : Displays when controller mode is configured to "UPnP/DLNA compatible Mode". : Displays when controller mode is configured to "Playlist Mode".
11	Status of Downloader	: Displays when an account was added and periodic downloads is enabled. : Displays when an account was added but periodic downloads is disabled. : Displays when an error occurs and downloading failed.
12	Status of File Sharing	: Displays when file sharing is enabled.

Menu

Press the Menu/Enter button (↳) while the home screen is displayed.



Move the cursor by pressing the Up button (∧) or the Down button (∨), then press the Menu/Enter button (↳) to make a selection.

Dialog

When confirming the operation, the dialog screen will be displayed.

Move the cursor by pressing the Up button (∧) or the Down button (∨), then press the Menu/Enter button (↳) to make a selection.

Streaming Screen

When the N10/N100 starts streaming music files, the display panel will show the streaming music information.

Notes:

- If the music file is playing on a computer, the music information will not be displayed on the display panel.
- Depending on the streaming player, file format, or file tag information, music information may not always be displayed properly on the display panel.

Streaming to Network Audio Player

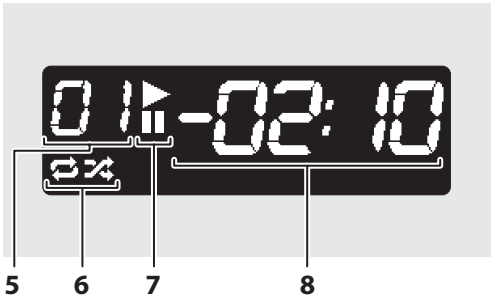
The display panel displays the following information:

Number	Item	Description
1	Title	Display the title of the music file.
2	Player Information	Displays the player information while playing a music file.
3	Music File Information	Displays file format and sampling rate.

Streaming to USB-DAC

Selecting a Music File on the USB-DAC

Selecting a Music File or CD using Buttons on the N10/N100



The display panel displays the following information:

Number	Item	Description
1	Title	Display the title of the music file.
2	Player Information	Displays the player information while playing a music file.
3	Music File Source	: Displays when streaming music files over the N10/N100 or USB drives. : Displays when streaming music files on the network.
4	Music File Information	Displays file format and sampling rate.
5	Track Number	Displays the number of the track currently playing. Regardless of how many music files are available, only the last two digits of the track number will be displayed. For example, if track 121 is playing, this will show "21".

Number	Item	Description
6	Repeat/Shuffle	: Repeats playback of all music files while this is displayed. : Shuffles playback of all music files while this is displayed. You can switch between repeat or shuffle by pressing the Up button ( ) while playback is suspended.
7	Playback/Suspension	: Appears while playing a music file. : Appears while playback is suspended.
8	Remaining Time/Song Time Passed	You can switch the display option by pressing the Down button ( ) while playback is suspended.

Importing Music Files

Music files can be imported from a USB drive or a CD to the N10/N100.

Importing from USB Drives

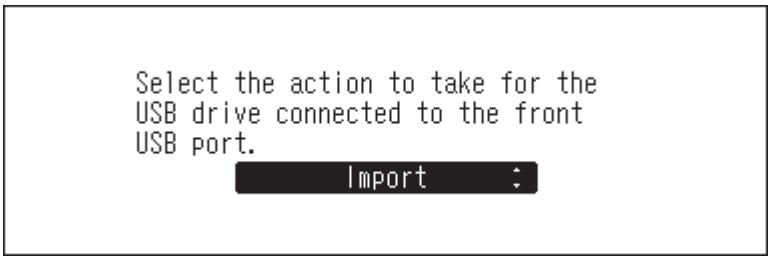
To import music files from a connected USB drive, follow the procedure below.

1 Connect the USB drive that contains music files to the USB 2.0 port.

Notes:

- Use only the compatible USB drives listed on melco-audio.com.
- Connect only USB drives formatted using NTFS, FAT32, HFS Plus, or exFAT.

2 Press the Up/Down buttons ( ) and select "Import", then press the Menu/Enter button ( ).



3 Wait until music importing is finished.

4 Press the Menu/Enter button ( ).

5 Disconnect the USB drive.

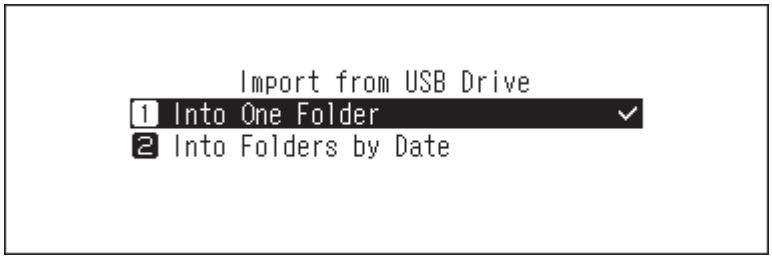
Notes:

- If a filename or folder name starts with a period (.), the file or folder cannot be imported.

- When the Back button ( ) is pressed while importing, the import process will be cancelled after the N10/N100 finishes importing the current file. If the imported file size is large, the cancellation process may take a few minutes to finish.

Import Destination Details

Imported music files will be stored in the "import" folder. There are two options to store the imported data in the N10/N100. To change these options, go to *Settings* > *Import from USB Drive* and select "Into One Folder" or "Into Folders by Date".



- **Into One Folder**: If you select this option, data will be imported into the "all" folder within the "import" folder. With this option, only files with changes will be imported to the N10/N100. Files with no changes from the previous import will not be imported.
- **Into Folders by Date**: If you select this option, a folder that contains the import date in the folder name will be created within the "import" folder and all imported files will be stored in that folder. Even if the same data is included in the USB drive, it will be copied to the N10/N100.

Importing from a Music CD

To import tracks from a music CD, follow the procedure below.

Note: Importing tracks from a music CD requires an optical drive (not included). Use only the compatible optical drives listed on melco-audio.com. Depending on the manufacture date, circumstances, and specifications of a connected optical drive, it may not work even if the optical drive is listed in our compatible devices.

1 Connect an optical drive to the USB 2.0 port.

2 Insert a music CD into the optical drive to import its tracks.

3 If the USB-DAC device is connected to the N10/N100, the following screen will be displayed. Press the Up/Down buttons ( ) and select "Import", then press the Menu/Enter button ( ).

4 When the CD is detected, the N10/N100 will try to get the album information automatically. When the display changes from getting the music album information, press the Menu/Enter button ( ).

If the N10/N100 is connected to the Internet, music tracks will be imported using the acquired album information.

When multiple titles are found, select the appropriate album title on the displayed window. Once you have selected the album title, you can return to the previous window and select it again by pressing the Back button ( ). The album title with the "*" symbol will contain the cover art.

If the N10/N100 is not connected to the Internet, or if the CD information is not available from the online music database, the album name and music title information will not be acquired. In such a case, the import date will be used as the album name and the track number as the filename.

5 Press the Menu/Enter button (↵).

6 Press the Menu/Enter button (↵).

To import tracks from another CD, repeat the process from step 2 above.

Import Destination Details

Imported tracks will be stored in the "import_CD" folder. If importing from a non-music CD, the imported data will be stored in the "import" folder, not the "import_CD" folder.
Imported tracks can be moved, copied, and shared on a network, but the cover art file (folder.jpg) cannot be viewed by another device or copied to another location outside the "Internal" folder. If you want to move or copy the "import_CD" folder to another device and it contains a cover art file, remove the file first.

File Format of Imported Music Files

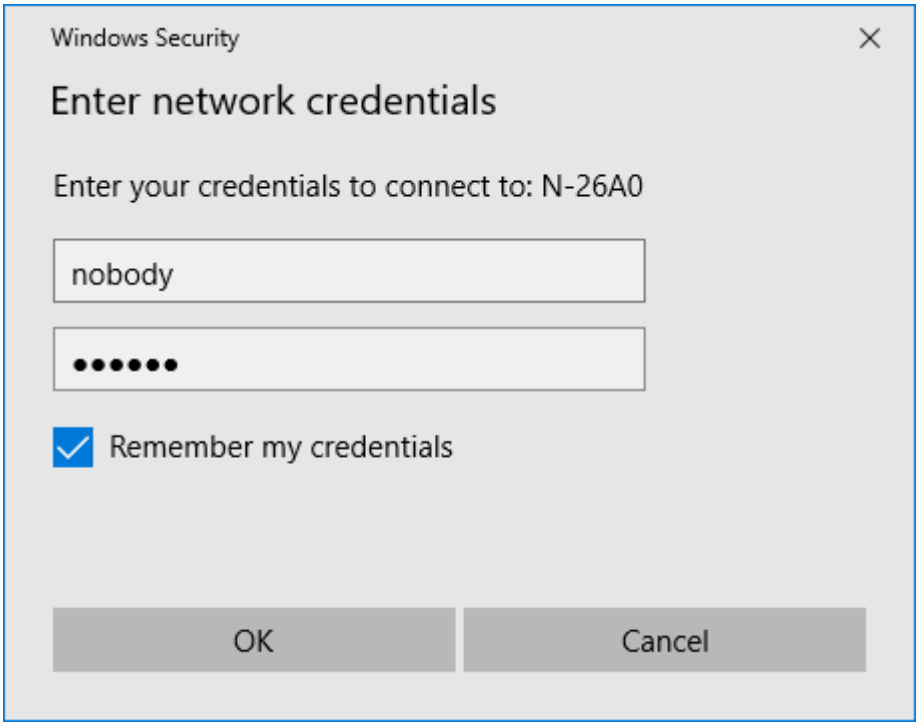
When importing music files from a CD, they will be saved as WAV files by default. They can be changed to FLAC files, and FLAC compression levels are changeable as well. Available compression levels are described in the "Menu List" section in chapter 4.

Importing Files from a Computer

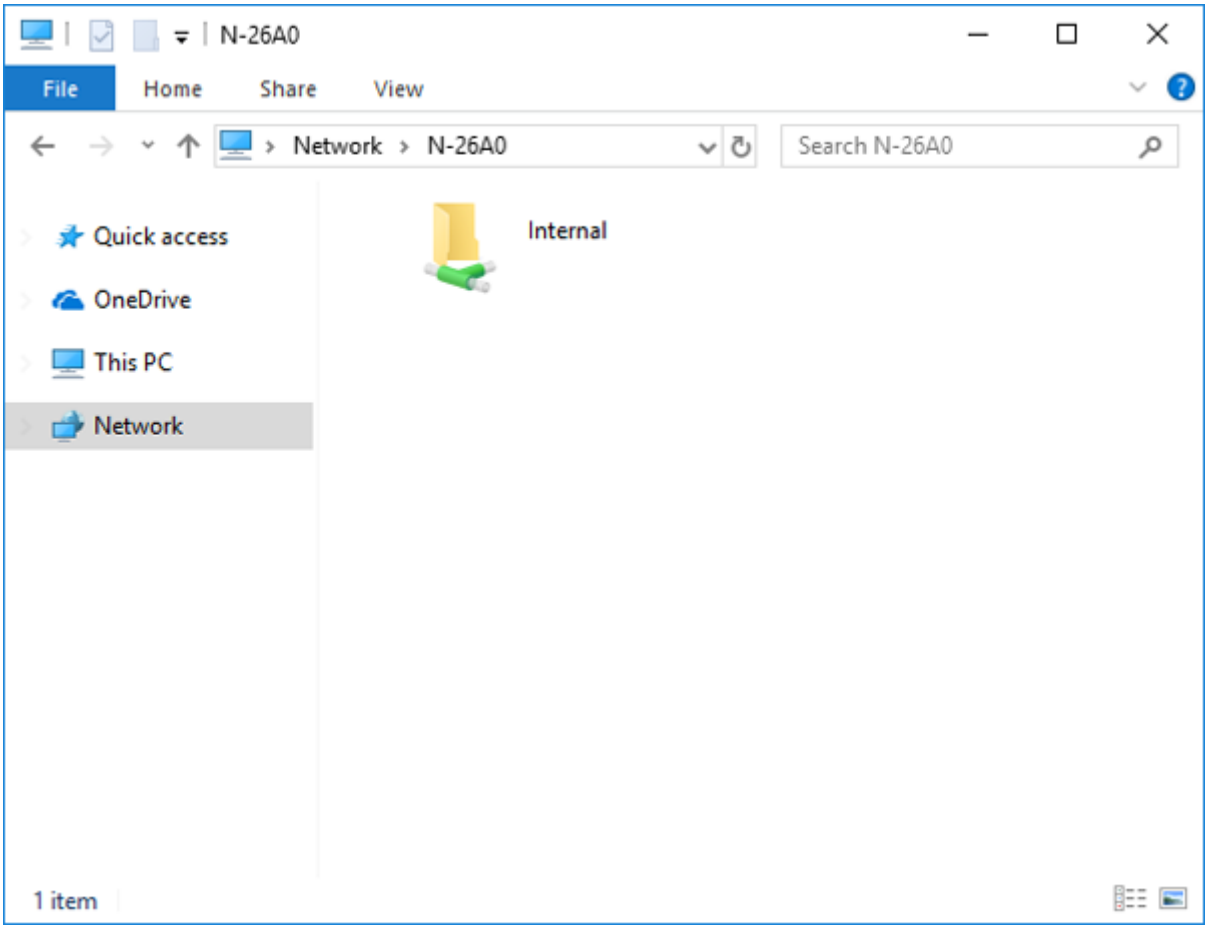
To import music files from a computer, follow the procedure below.

1 Enter "\\" and the N10/N100's IP address or friendly name (hostname) into the address bar of Windows Explorer, then press the Enter key. For macOS, click *Connect to Server* and enter "smb://" and the N10/N100's IP address or friendly name.

2 If the credential window appears on a Windows computer, enter "nobody" for both username and password, then click *OK*.



3 The shared folders on the N10/N100 will be displayed. Double-click the "Internal" folder. If no folders are displayed, wait for about 30 seconds and try it from step 1 again.



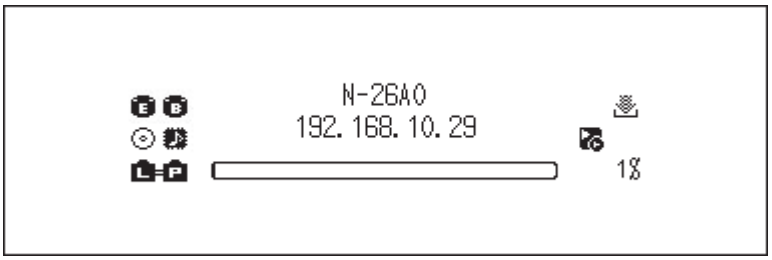
4 Copy music files into the displayed folder.

Note: The USB drive will appear as the "Expansion" folder.

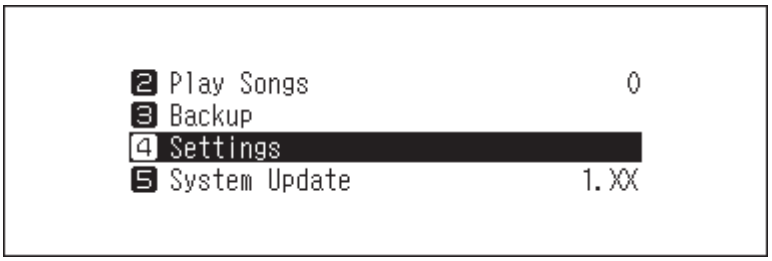
If Unable to Access from a Computer

If the file sharing status icon, number 12 in the "Home Screen" section, is not displayed on the home screen, enable the file sharing service. To enable the file sharing service, follow the procedure below.

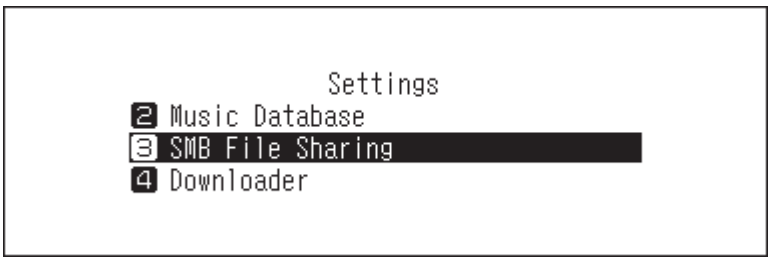
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



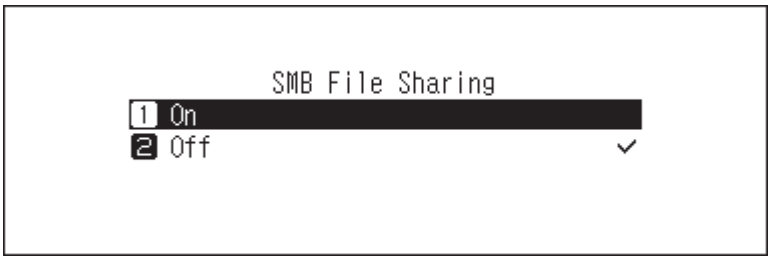
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



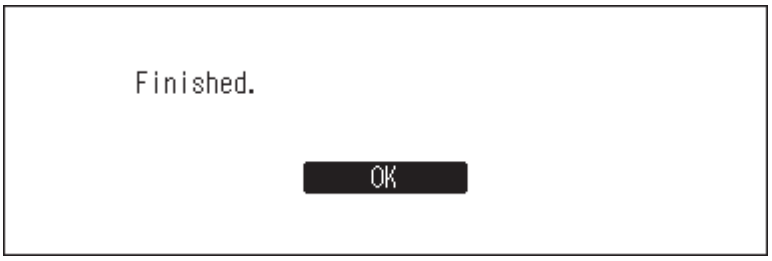
3 Press the Up/Down buttons (∧∨) and select "SMB File Sharing", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select "On", then press the Menu/Enter button (↵).



5 Press the Menu/Enter button (↵).



Confirming Imported Files

Imported files can be accessed from mobile devices or computers that are connected to the same router as the N10/N100. Follow the appropriate procedure below.

Using Mobile Devices

To confirm the imported files using a mobile device, install a UPnP/DLNA-compatible app onto it.

Using Computers

To confirm imported music files using a computer, follow the steps 1–3 on the "Importing Files from a Computer" section above to open the shared folder. If the imported files are displayed, import was finished properly.

Downloading Music Files from Streaming Sites

Downloader can download music files from streaming sites automatically. Once you purchase the music files from a mobile device or computer, the N10/N100 can download the files from the streaming site, even if you're not at home.

Supported streaming sites are listed below:

- HIGHRESAUDIO
- OTOTOY*
- e-onkyo music*
- mora*

*These streaming sites are only for Japanese consumers. "e-onkyo music" is not the same as "Onkyo Music", which is for overseas consumers.

Notes:

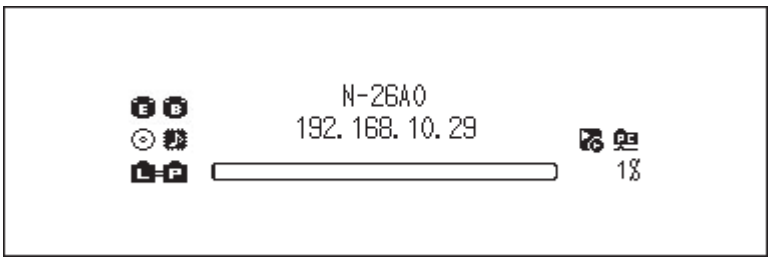
- Create an account on one of the streaming sites above before using downloader. Also, make sure the N10/N100 is connected to the Internet. You can verify if the N10/N100 is connected to the Internet from *Status* > *Network* > *LAN*.
- To use this function, the time settings should be acquired from the NTP server automatically.
- Do not move the folder under the "download" folder that contains the account name in its folder name to another folder. If the folder is moved, the N10/N100 may download the same music files again.

Adding Accounts

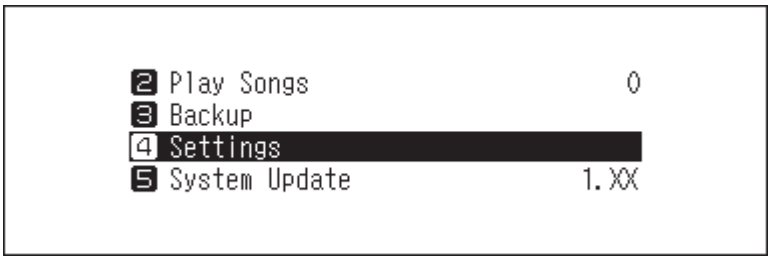
To add an account from a streaming site to the N10/N100, follow the procedure below.

1 Create an account on the streaming site.

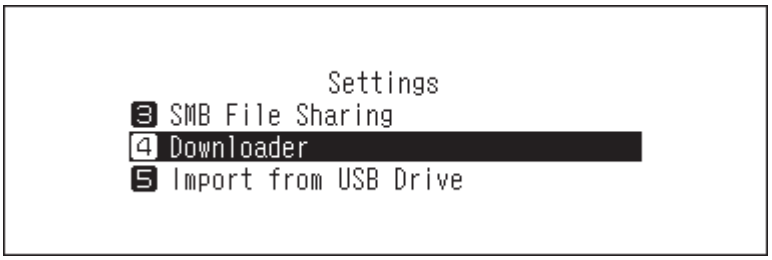
2 Press the Menu/Enter button (↵) to display the menu list at the home screen.



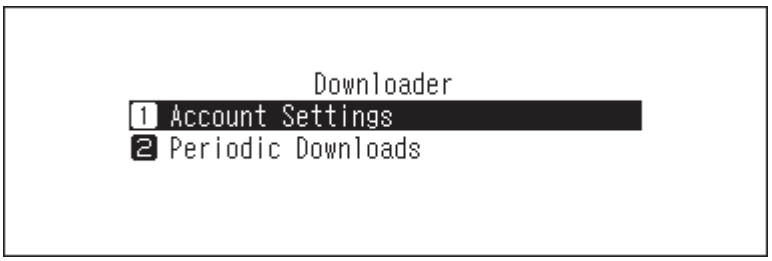
3 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



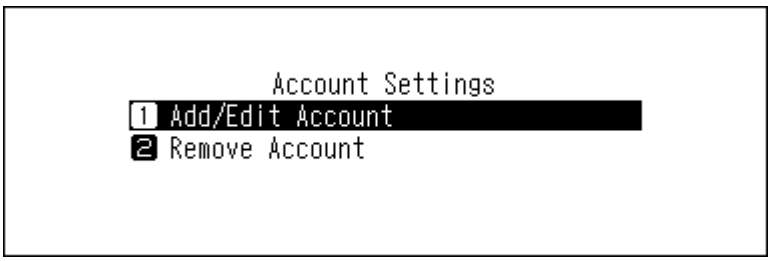
4 Press the Up/Down buttons (∧∨) and select "Downloader", then press the Menu/Enter button (↵).



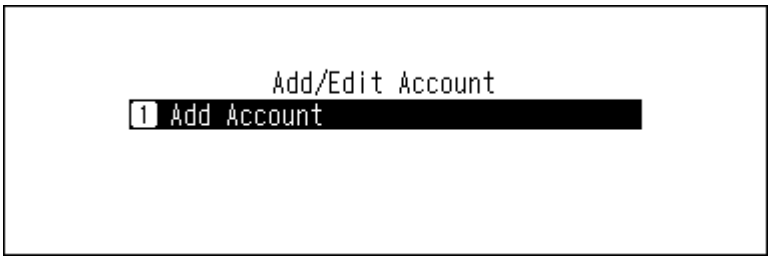
5 Press the Up/Down buttons (∧∨) and select "Account Settings", then press the Menu/Enter button (↵).



6 Press the Up/Down buttons (∧∨) and select "Add/Edit Account", then press the Menu/Enter button (↵).

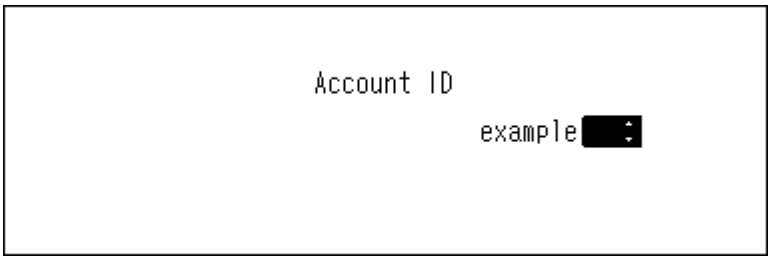


7 Press the Up/Down buttons (∧∨) and select "Add Account", then press the Menu/Enter button (↵).

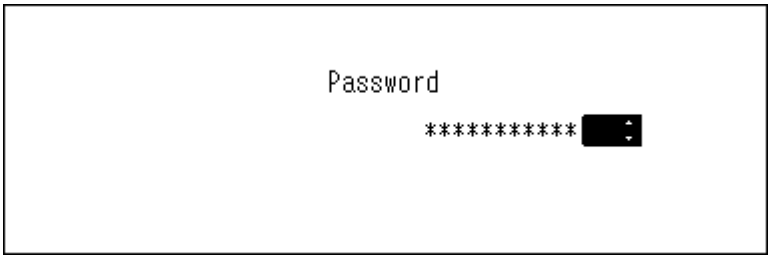


8 Press the Up/Down buttons (∧∨) and select the streaming site to add an account, then press the Menu/Enter button (↵).

9 Press the Up/Down buttons (∧∨) and enter the account ID, then press the Menu/Enter button (↵).



10 Press the Up/Down buttons (∧∨) and enter the account password, then press the Menu/Enter button (↵).



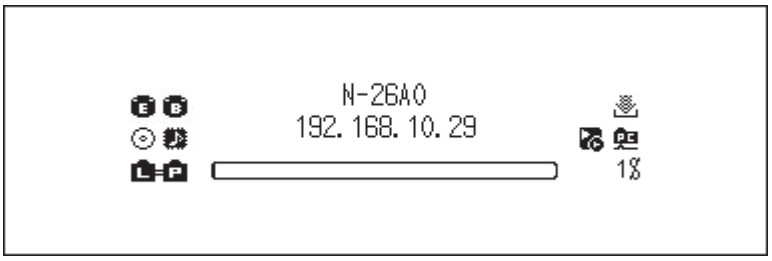
11 When the credentials are authenticated, the following message will be displayed. Press the Menu/Enter button (↵).

After an account has been added, periodic downloads will be automatically enabled.

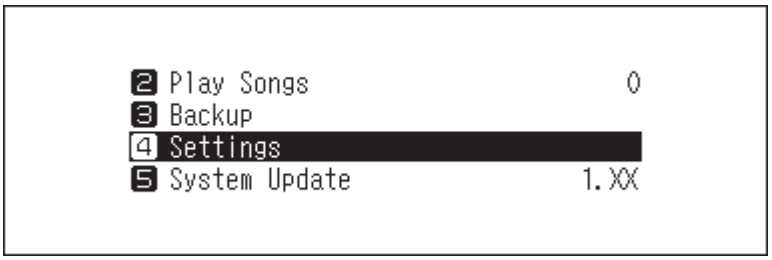
Enabling or Disabling Periodic Downloads

Downloader will check the purchased music files on the streaming site periodically. It is disabled by default. To enable the periodic check, follow the procedure below.

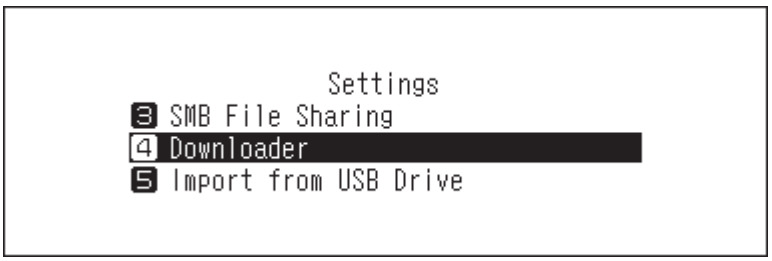
1 Press the Menu/Enter button (↳) to display the menu list at the home screen.



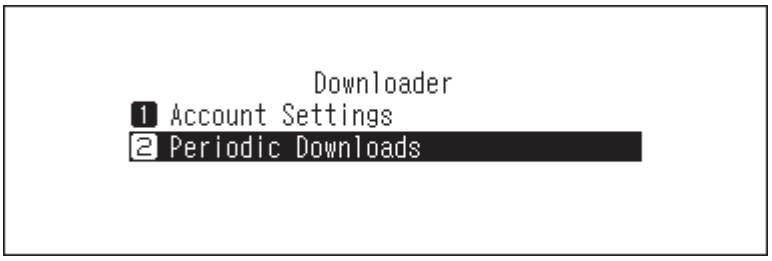
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↳).



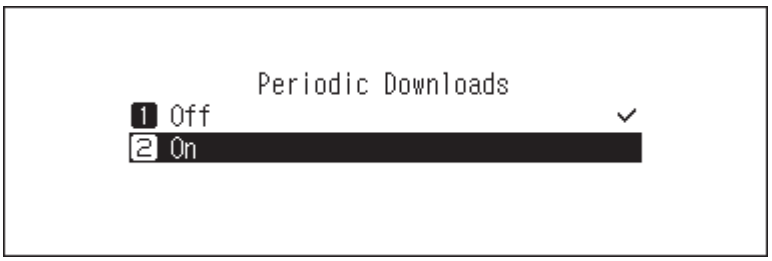
3 Press the Up/Down buttons (∧∨) and select "Downloader", then press the Menu/Enter button (↳).



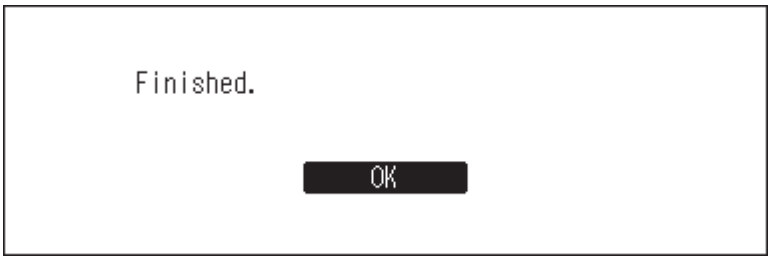
4 Press the Up/Down buttons (∧∨) and select "Periodic Downloads", then press the Menu/Enter button (↳).



5 Press the Up/Down buttons (∧∨) and select either "Off" or "On", then press the Menu/Enter button (↳).



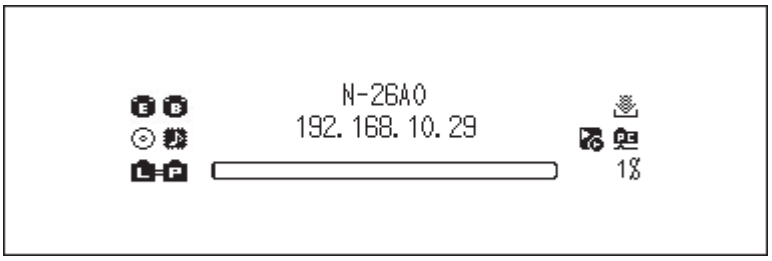
6 Press the Menu/Enter button (↵).



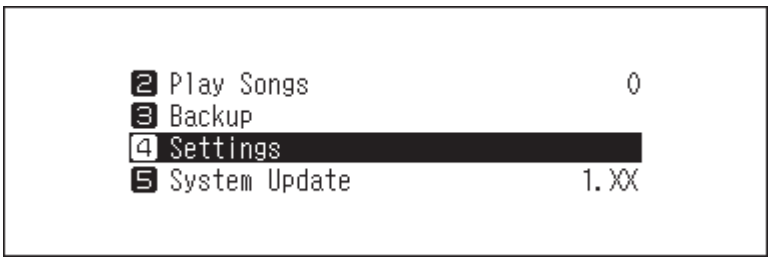
Deleting Accounts

To delete an existing account on the N10/N100, follow the procedure below.

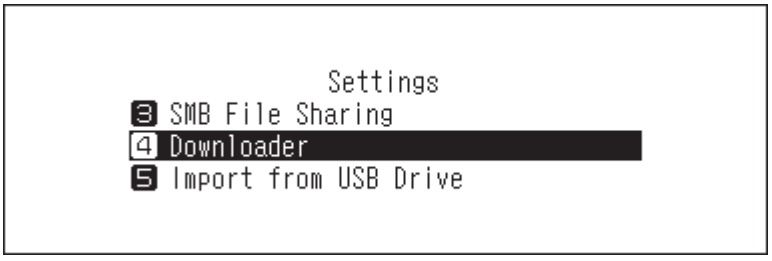
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



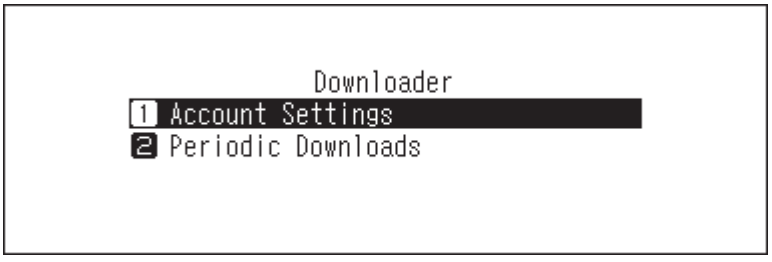
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



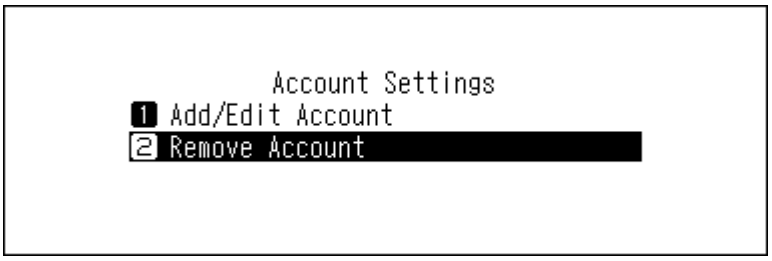
3 Press the Up/Down buttons (∧∨) and select "Downloader", then press the Menu/Enter button (↵).



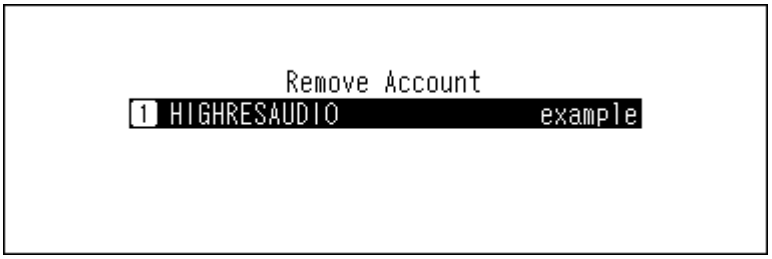
4 Press the Up/Down buttons (∧∨) and select "Account Settings", then press the Menu/Enter button (↵).



5 Press the Up/Down buttons (∧ ∨) and select "Remove Account", then press the Menu/Enter button (↵).

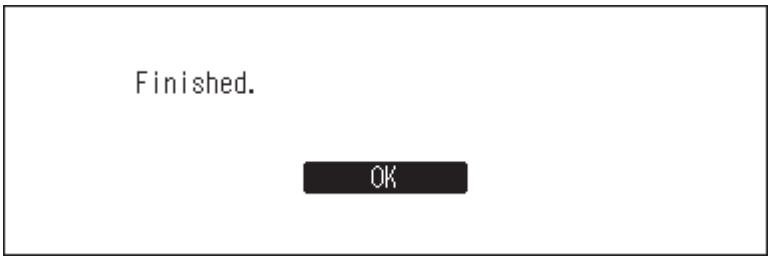


6 Press the Up/Down buttons (∧ ∨) and select the account to be deleted, then press the Menu/Enter button (↵).



7 Press the Up/Down buttons (∧ ∨) and select "OK", then press the Menu/Enter button (↵).

8 Press the Menu/Enter button (↵).

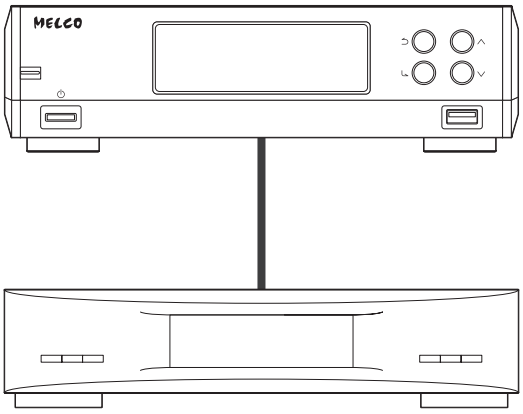


Note: If you remove all accounts with periodic downloads enabled, it will be disabled automatically.

Playing Music Files on a Network Audio Player

Imported music files can be played using the Network Audio Player. The procedure to play music files is different depending on the Network Audio Player, so refer to your Network Audio Player's manual for more detailed information on how to play music.

N10/N100



Network Audio Player

Streaming Imported Music Files

The N10/N100 supports streaming of files with the extensions below.

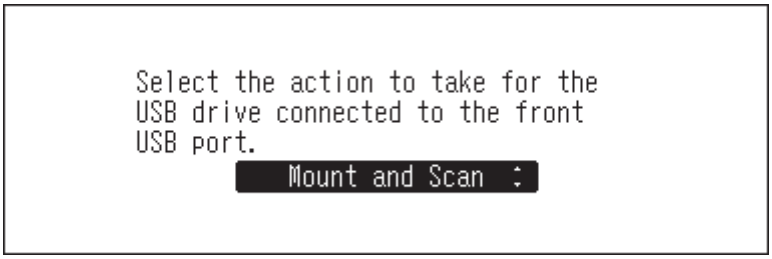
Supported File Types for Streaming

Extensions	mp3, wma, wav, lpcm, pcm, ogg, m4a, mp4, 3gp, flac, m3u, mpa, aac, apl, ac3, aif, aiff, mp2, mp1, dsf, dff

Streaming Music Files from USB Drives

Even if music files are not imported from the expansion drive, your Network Audio Player can play music files from the USB drive.

When a USB drive is connected to the USB 2.0 port, the following screen will be displayed. Press the Up/Down buttons (∧ ∨) and select "Mount and Scan", then press the Menu/Enter button (↵).



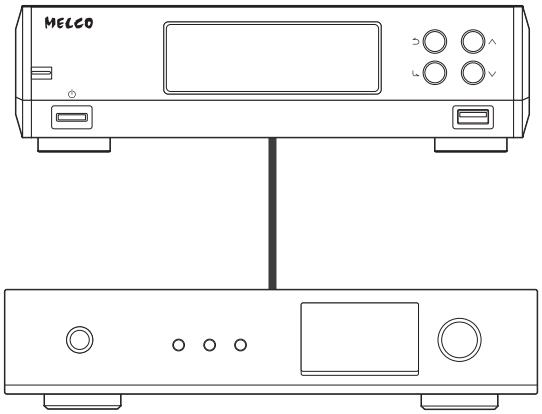
Notes:

- Use only the compatible USB drives listed on melco-audio.com.
- If you want to disconnect the USB drive while the N10/N100 is on, press the Menu/Enter button (↵) on the home screen and select "Dismount USB Drive" to dismount the USB drive. The menu name will vary depending on which USB port you have inserted the USB drive into.

Playing Music Files on USB-DAC Devices

The N10/N100 supports USB-DAC, short for "USB digital-to-analog converter". If using buttons on the unit or a mobile device with a controller app installed, you can directly connect a USB-DAC to the N10/N100 to stream music and enjoy high-quality sound without using a computer.

N10/N100



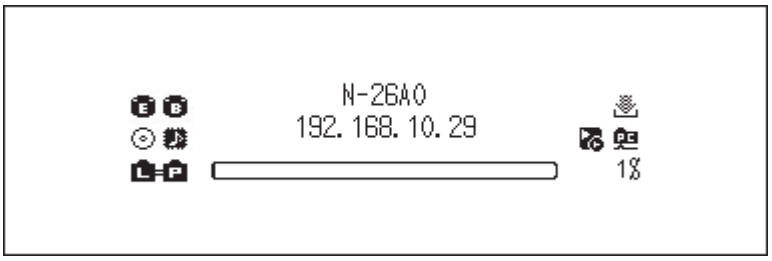
USB-DAC

Playing Music Files on the N10/N100 or USB Drive

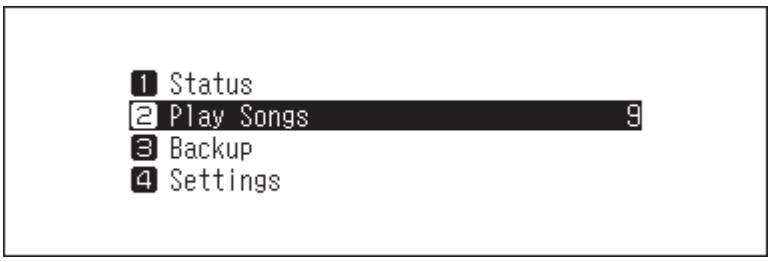
To stream music files in the N10/N100 or USB drive to a USB-DAC, use buttons on the unit or a controller app on the mobile device. For more detailed information about how to use controller apps, refer to the apps' user guides.
To play music files using buttons on the N10/N100, follow the procedure below.

1 Connect a USB-DAC device to the USB-DAC port.

2 Press the Menu/Enter button (↳) to display the menu list at the home screen.

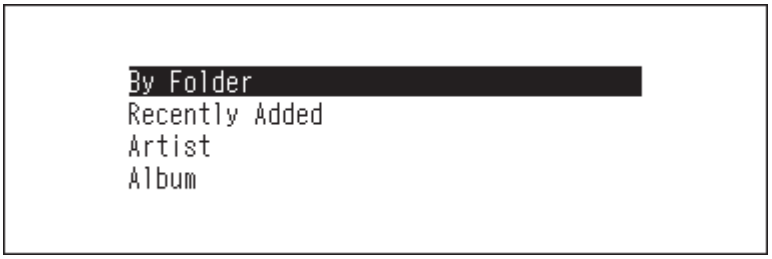


3 Press the Up/Down buttons (∧∨) and select "Play Songs", then press the Menu/Enter button (↳).

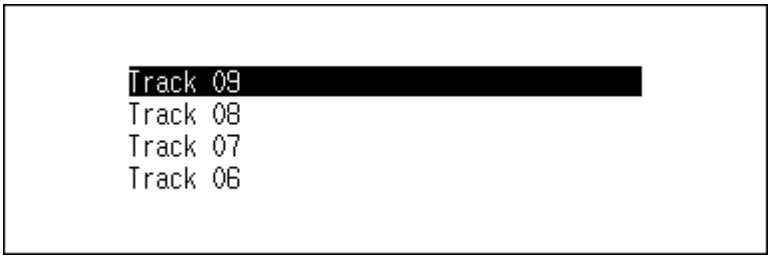


Note: The number shown to the right of "Play Songs" means the number of available music files to play.

4 Press the Up/Down buttons (∧∨) and select the category, then press the Menu/Enter button (↳).



5 Press the Up/Down buttons (∧∨) and select the music file to play, then press the Menu/Enter button (↳).



6 Press the Up/Down buttons (∧∨) and select "Play", then press the Menu/Enter button (↳).

The N10/N100's USB-DAC supports streaming for the following file types and sampling rates.

Supported File Types

File Types	Extensions
FLAC	.flac
ALAC (Apple Lossless) / AAC	.m4a
AIFF	.aiff, .aif
WAV	.wav
DSDIFF	.dff
DSF	.dsf

Supported Sampling Rates

- PCM: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz, 705.6 kHz, 768 kHz
- DSD: 2.8 MHz, 5.6 MHz, 11.3 MHz, 22.6 MHz

Playing a CD Using an Optical Drive

CD Transport will allow you to play music tracks from the optical drive that is connected to the N10/N100 using USB-DAC. To play music tracks using an optical drive, follow the procedure below.

1 Connect a USB-DAC device to the USB 2.0 port for a USB-DAC device and an optical drive to another USB 2.0 port.

2 Insert a music CD to play music tracks.

3 Press the Up/Down buttons (∧ ∨) and select "Play", then press the Menu/Enter button (↵). The CD will start playing.

Notes:

- To play another music CD, stop the current CD and remove it from the drive, then repeat from step 2.
- Do not disconnect the optical drives or USB-DAC while playing music tracks.
- While playing music tracks using CD Transport, the music files on the N10/N100 cannot be played by another Network Audio Player.

Operation While Playing Music Files

You can use the following operations using buttons on the N10/N100 while playing or suspending music files.

Playing

Back button (↩)	Stop playback.
Menu/Enter button (↵)	Suspend or resume playback.
Up button (∧)	Play the previous track on the album.
Down button (∨)	Play the next track on the album.
Up button (∧) - press and hold	Force stop playback while tracks are played using a controller app.

Suspending

Up button (∧)	Switch to repeat and shuffle. When the button is pressed once, playback will switch to repeat. When the button is pressed twice, playback will switch to shuffle. When the button is pressed three times, playback will switch to both repeat and shuffle. When the button is pressed four times, playback will revert to normal.
Down button (∨)	The display panel will switch to the time passed on a song or the remaining time of a song.

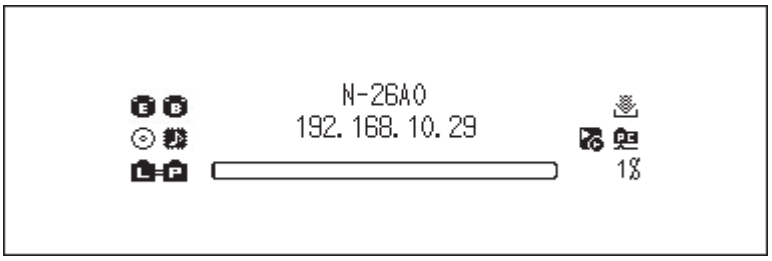
Configuring the Mode for Managing USB-DAC Using Controller App

"Hybrid Mode" is configured by default and it supports using many types of controller apps. However, it is recommended to change the controller settings to "UPnP/DLNA compatible Mode" or "Playlist Mode" that is compatible with your controller app. It will optimize communication between the N10/N100 and the controller app.

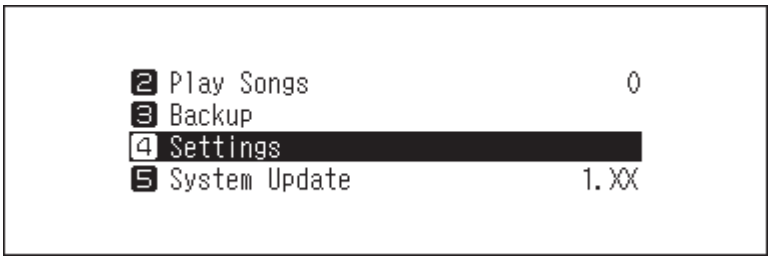
- **UPnP/DLNA compatible Mode**: Select when your controller app is UPnP/DLNA-compatible.
- **Playlist Mode**: Select when your controller app is not UPnP/DLNA-compatible.

To change the controller settings, follow the procedure below.

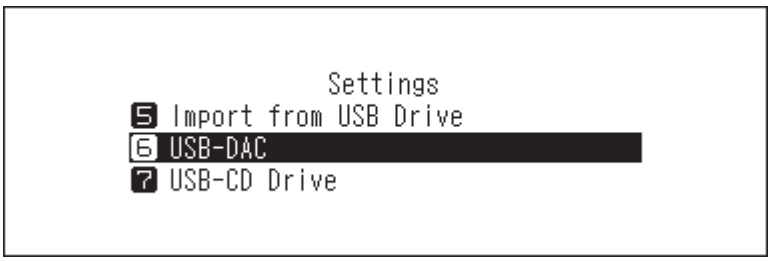
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



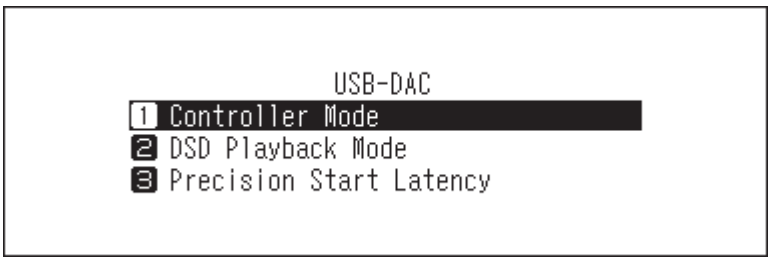
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



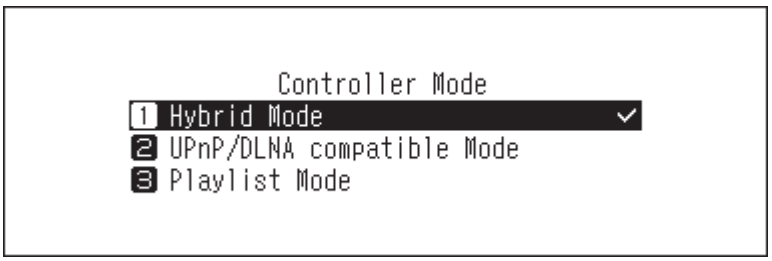
3 Press the Up/Down buttons (∧∨) and select "USB-DAC", then press the Menu/Enter button (↵).



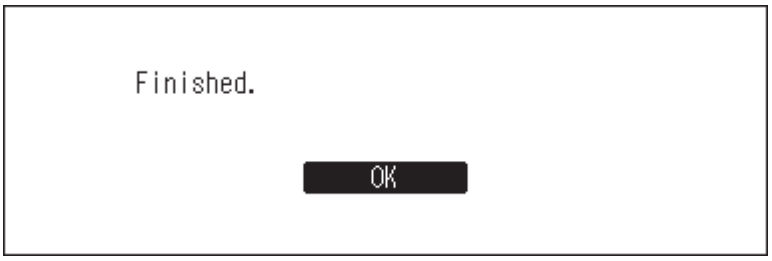
4 Press the Up/Down buttons (∧∨) and select "Controller Mode", then press the Menu/Enter button (↵).



5 Press the Up/Down buttons (∧∨) and select either "UPnP/DLNA compatible Mode" or "Playlist Mode", then press the Menu/Enter button (↵).



6 Press the Menu/Enter button (↵).



The controller mode will be changed.

Note: If the controller mode is not set to "Hybrid Mode" and the mode is different from the one on the controller app, the N10/N100 may not appear as a player on the app.

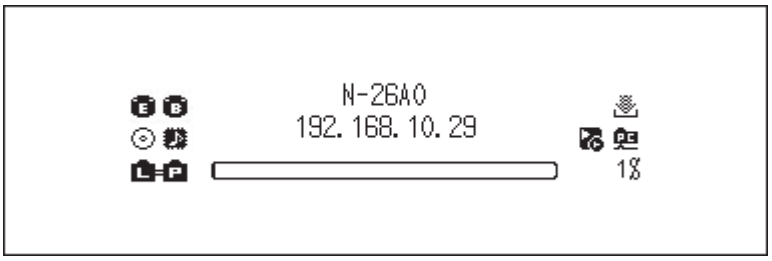
Changing the DSD Playback Mode

The N10/N100 supports three different playback modes for DSD files (.dsf, .dff). You can select from the following modes:

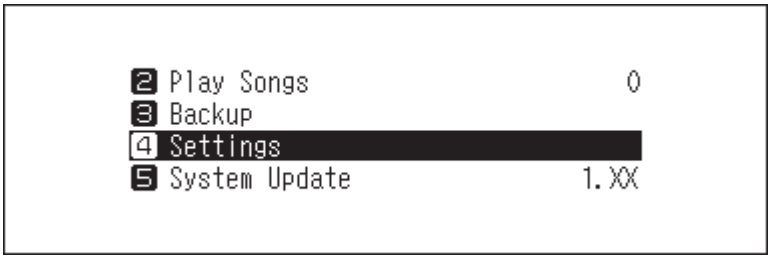
- **Standard**: The default and recommended playback mode. If a connected USB-DAC supports Melco Markerless DSD, the DSD file will be played by the Markerless DSD playback; otherwise, the DSD file will be played by DSD over PCM.
- **DSD over PCM Priority Mode**: This mode applies DSD over PCM even if a connected USB-DAC supports Markerless DSD playback. Except for this behavior, this mode is the same as standard mode.
- **PCM Mode**: This mode will convert DSD files to PCM files. If connecting a USB-DAC that only supports playing PCM files, selecting this mode is recommended. Except for this behavior, this mode is the same as standard mode.

To configure USB-DAC on your N10/N100, follow the procedure below.

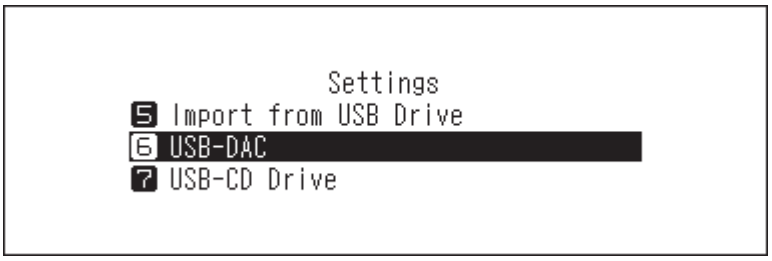
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



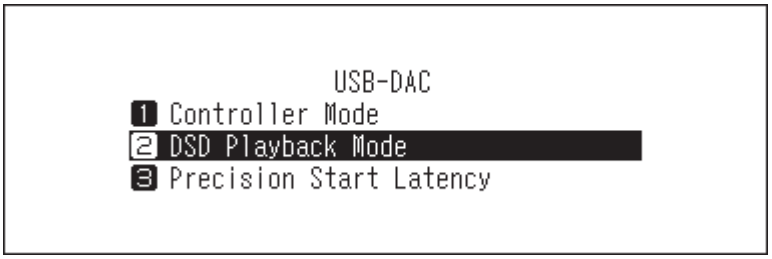
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



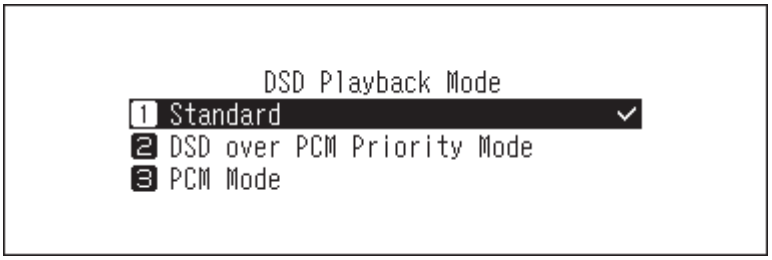
3 Press the Up/Down buttons (∧ ∨) and select "USB-DAC", then press the Menu/Enter button (↵).



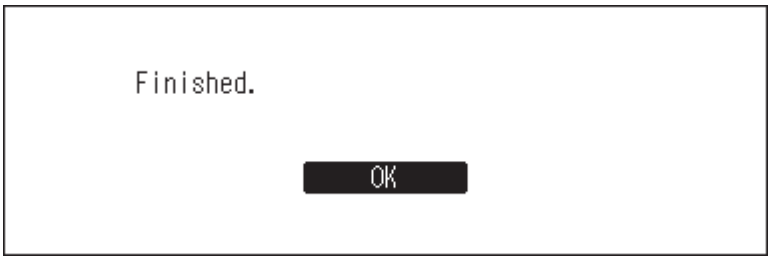
4 Press the Up/Down buttons (∧ ∨) and select "DSD Playback Mode", then press the Menu/Enter button (↵).



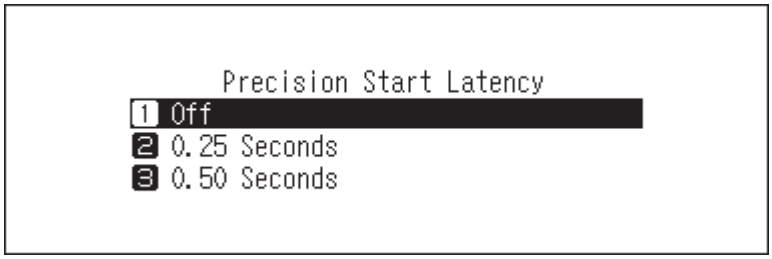
5 Press the Up/Down buttons (∧ ∨) and select the playback mode, then press the Menu/Enter button (↵).



6 Press the Menu/Enter button (↵).



Note: Depending on your USB-DAC, the beginning of a music file may not count as initial playback if the sampling rate has changed between music files or if playing DSD files. In such a case, go to *Settings* > *USB-DAC* > *Precision Start Latency* and set a gap time. This gap time will be added to the first track of the playlist. The default gap time is 3 seconds.



If the default value works correctly, the switch to the next music file will become faster when you make the gap time shorter.

Backing Up and Restoring

Backup Operations

With this operation, both music files and settings are backed up. Backed up music files can be restored if the files are deleted.

Backup operations will vary depending on the file system of the connected USB drive. Differences between backup modes are below:

File System	Mode	Files Included
NTFS	Differential backup	Only files with different sizes and times from on the previous backup will be saved. If file contents and location (path) remain the same since the previous backup job, these files will not be backed up. When the file location changes, that file will be backed up even if the contents have not changed.
HFS Plus without Journaling		
FAT32	Full backup	All files will be backed up.
exFAT		

Notes:

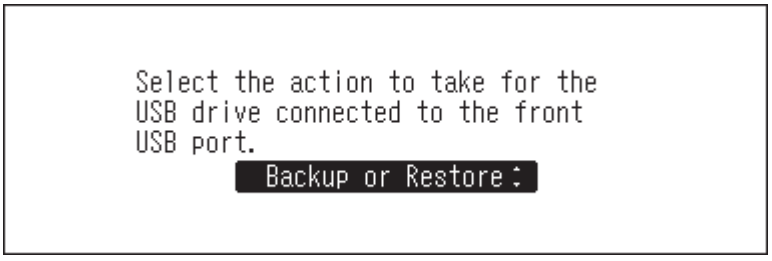
- Use only the compatible USB drives listed on melco-audio.com.
- The data will be kept even if the USB drive already contains the backup data in it and a backup job runs.
- To use differential backup for FAT32- or exFAT-formatted USB drives, format it using the N10/N100. All data will be erased and the file system will change to NTFS after formatting.
- The N10/N100 can format the connected USB drive into the backup drive, and we recommend using the N10/N100 to format it. Refer to the "Formatting Drives" section in chapter 3 to format the connected USB drive. Formatting should be done before using the USB drive as the backup drive. If there are files on the USB drive, formatting will erase all data on it.

Backing Up

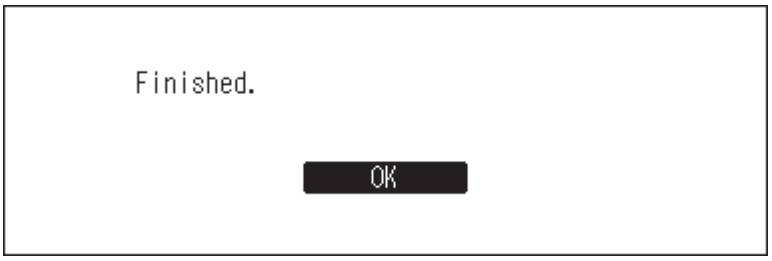
To back up imported music files, follow the procedure below.

1 Connect the USB drive to the USB 2.0 port. If you connect the USB drive that contains the N10/N100's backup data, you can also use it for the differential backups.

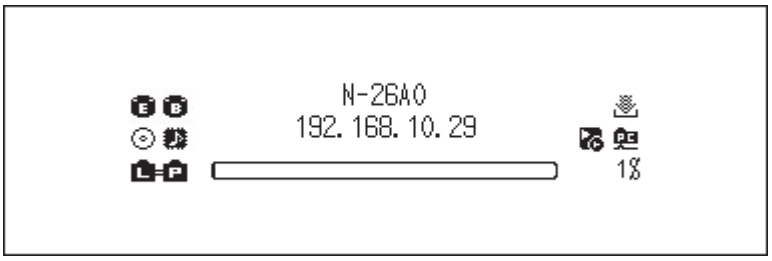
2 Press the Up/Down buttons (∧ ∨) and select "Backup or Restore", then press the Menu/Enter button (↵).



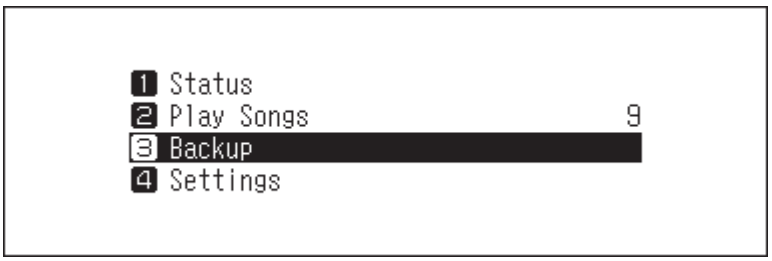
3 Press the Menu/Enter button (↵).



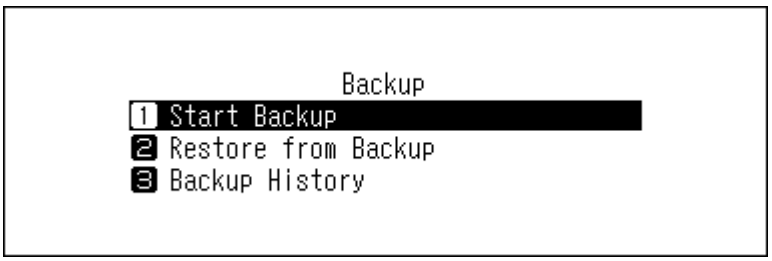
4 Press the Menu/Enter button (↵) to display the menu list at the home screen.



5 Press the Up/Down buttons (∧∨) and select "Backup", then press the Menu/Enter button (↵).

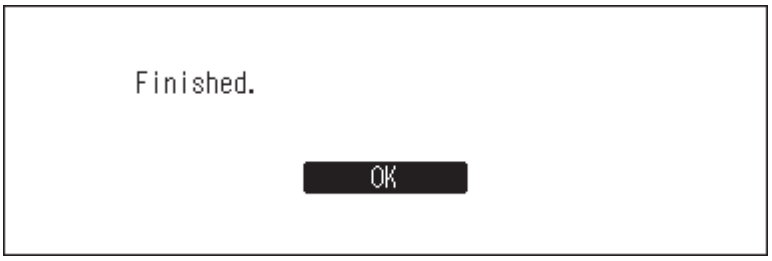


6 Press the Up/Down buttons (∧∨) and select "Start Backup", then press the Menu/Enter button (↵).



7 When the following message is selected, the full backup will run if you press the Menu/Enter button (↵). If you want to run a differential backup, press the Back button (↩) to stop the backup process.

8 Press the Menu/Enter button (↵).



9 Disconnect the USB drive.

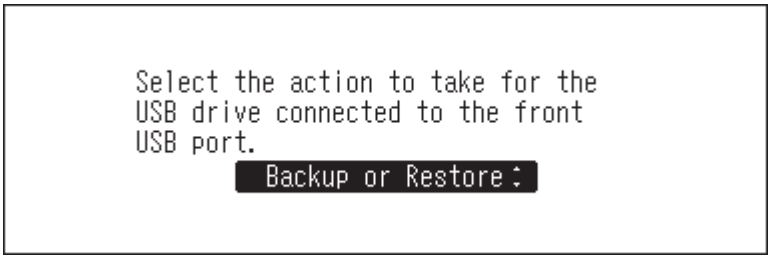
Note: Backed up data will be saved in the following folder:
".Anas.bak" - MAC address - backup date and time - "disk1"
Normally, a folder that contains a period in its name is treated as a hidden folder. Hidden folders cannot be displayed unless a specific setting on a computer is changed. To access the ".Anas.bak" folder from a computer, change its hidden folder settings beforehand.

Restoring

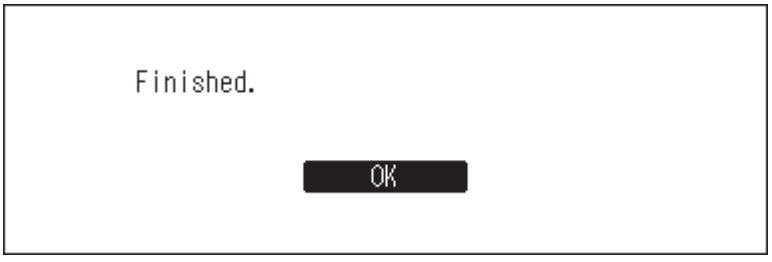
To restore the backup data, follow the procedure below. **Restoring from backup will delete all current data on the N10/N100. If needed, back up any data before continuing.**

1 Connect the backup drive that contains the backup data to the USB 2.0 port.

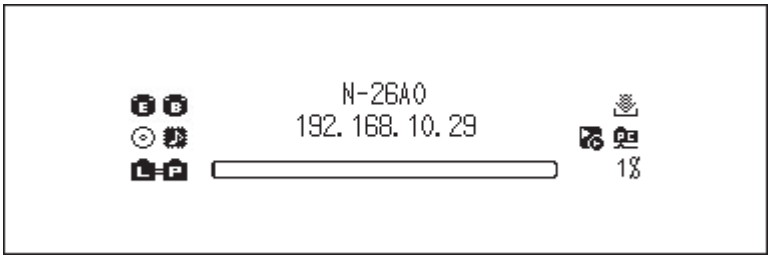
2 Press the Up/Down buttons (∧∨) and select "Backup or Restore", then press the Menu/Enter button (↵).



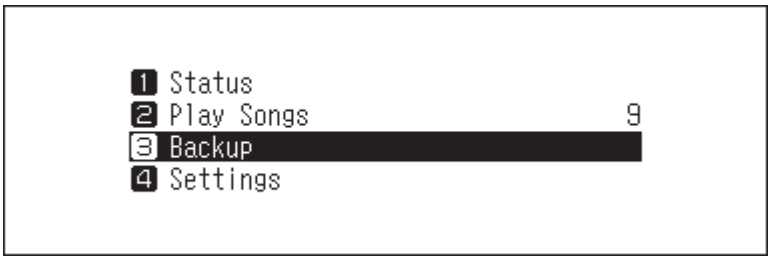
3 Press the Menu/Enter button (↵).



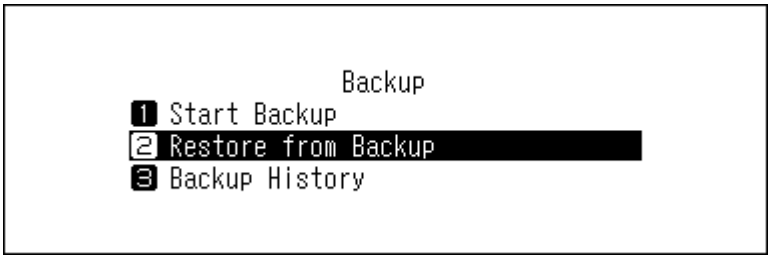
4 Press the Menu/Enter button (↵) to display the menu list at the home screen.



5 Press the Up/Down buttons (∧∨) and select "Backup", then press the Menu/Enter button (↵).

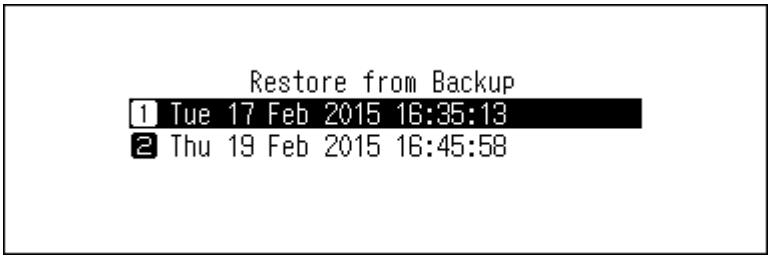


6 Press the Up/Down buttons (∧∨) and select "Restore from Backup", then press the Menu/Enter button (↵).

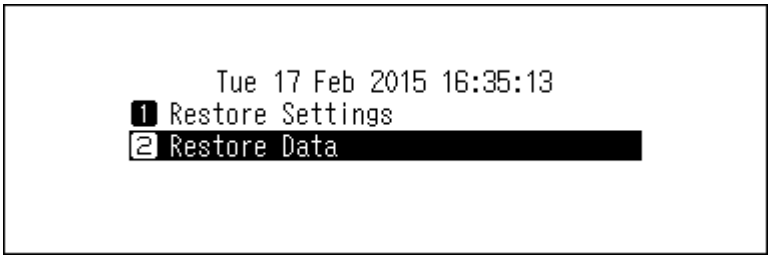


Note: To display the backup history, navigate to *Backup* > *Backup History*.

7 Press the Up/Down buttons (∧∨) and select the date of backup, then press the Menu/Enter button (↵).

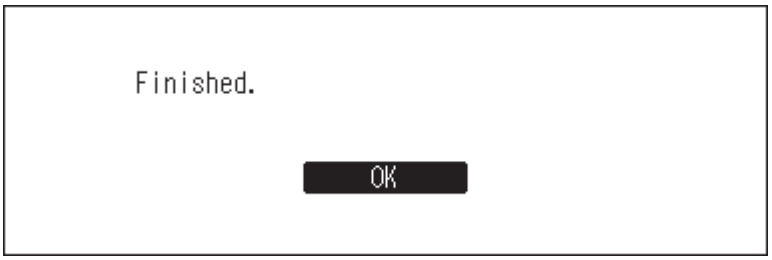


8 Press the Up/Down buttons (∧∨) and select "Restore Data", then press the Menu/Enter button (↵). If selecting "Restore Settings", settings other than the hostname can also be restored from the backup settings.



9 Make sure that all files on the drive can be erased before proceeding. To continue formatting, press the Up/Down buttons (∧∨) and select "OK", then press the Menu/Enter button (↵).

10 Press the Menu/Enter button (↵).



11 Press the Menu/Enter button (↵).

12 The N10/N100 will restart. Wait until the home screen is displayed.

13 When the home screen is displayed, disconnect the USB drive.

Deleting the Imported Music Files

There are two ways to delete the imported music files. Follow either procedure below.

Deleting All Files

Format the drive, referring the "Formatting Drives" section in chapter 3. Formatting will delete all data on the drive. If needed, back up any data before continuing.

Deleting Each File One by One

Open the N10/N100 shared folder from the computer, referring to the "Confirming Imported Files" section above, and delete each file one by one.

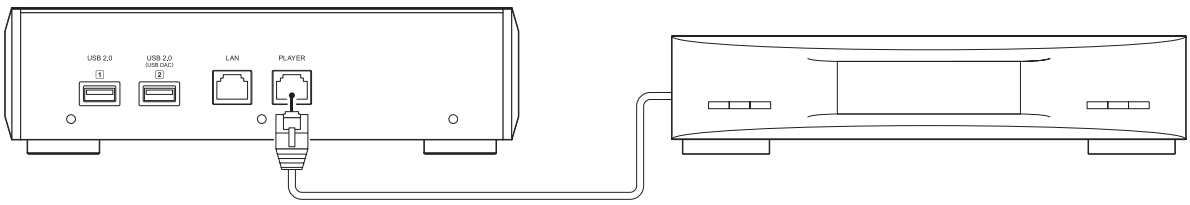
Chapter 3 Advanced Usage

Connecting a Network Audio Player Directly

Set the N10/N100 to isolated mode if it is directly connected to the Network Audio Player with an Ethernet cable and no other devices are on the network. If using this mode, the N10/N100 will not be connected to the router so it won't be able to be controlled using the app. For playback, use the Network Audio Player's display panel and remote controller to select a music file. If a Network Audio Player is not available, it will not be able to select a music file.
To configure isolated mode, follow the procedure below.

Note: Give the N10/N100 plenty of space for airflow. Do not stack it with other devices that may give off heat.

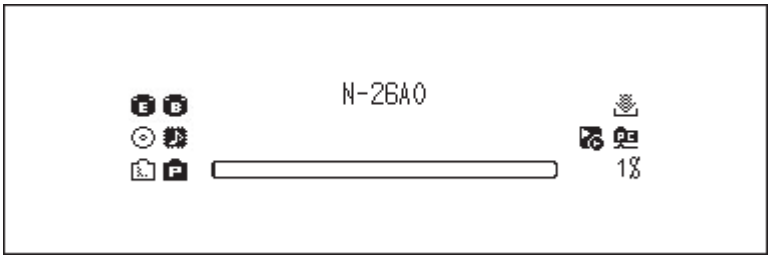
N10/N100 (Rear) Network Audio Player



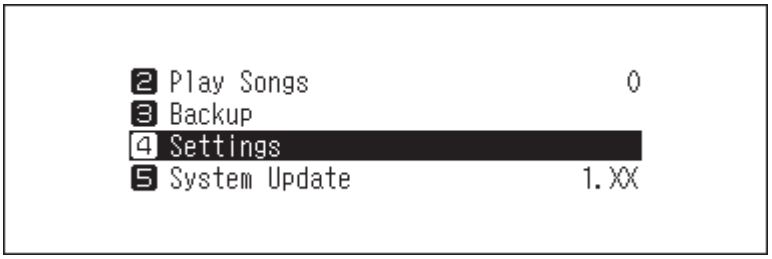
1 Connect the N10/N100's player port and a Network Audio Player with the provided Ethernet cable. Do not connect the Ethernet cable to the Ethernet port for a router or hub.

2 Turn on the Network Audio Player.

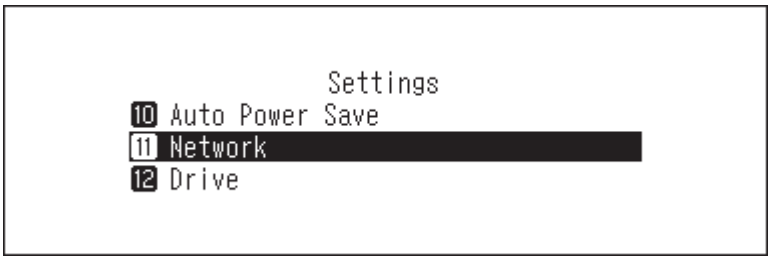
3 Press the Menu/Enter button (↵) to display the menu list at the home screen.



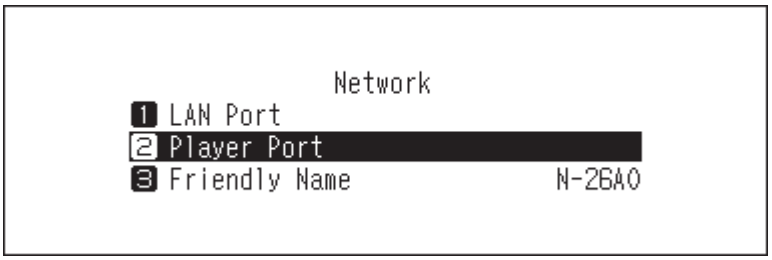
4 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



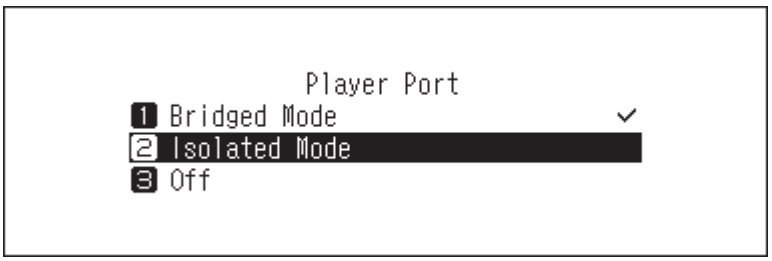
5 Press the Up/Down buttons (∧∨) and select "Network", then press the Menu/Enter button (↵).



6 Press the Up/Down buttons (∧∨) and select "Player Port", then press the Menu/Enter button (↵).



7 Press the Up/Down buttons (∧∨) and select "Isolated Mode", then press the Menu/Enter button (↵).



8 Press the Menu/Enter button (↵).

Note: To connect the N10/N100 and the Network Audio Player to the network via the router or hub, use network mode instead. Select "Bridged Mode" at step 7 above to use network mode.

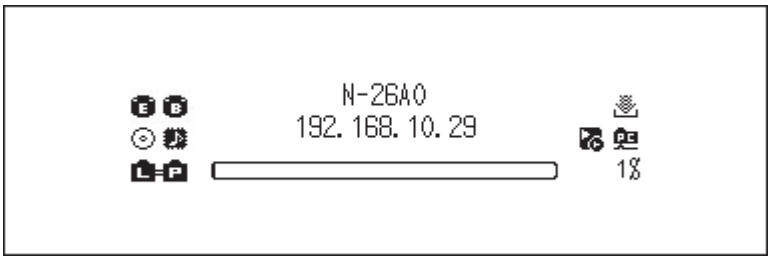
Formatting Drives

To format an internal drive in the N10/N100 or connected USB drives, follow the procedure below. This section explains the procedure for formatting an internal drive as an example. **Formatting will delete all data on the drive. If needed, back up any data before continuing.**

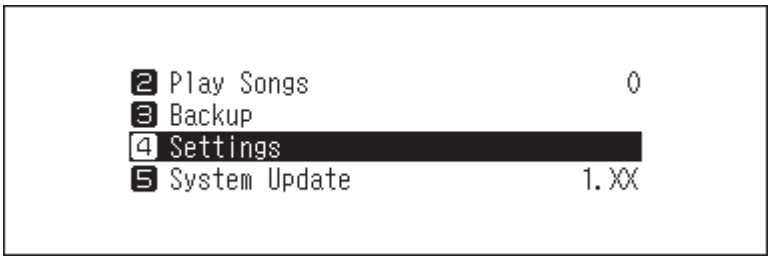
This procedure will format a USB drive connected to the USB 2.0 port. This will format the USB drive to NTFS. Be aware that a USB drive formatted to NTFS will become read-only when connected to a macOS device.

Note: Connect only one USB drive at a time when formatting it.

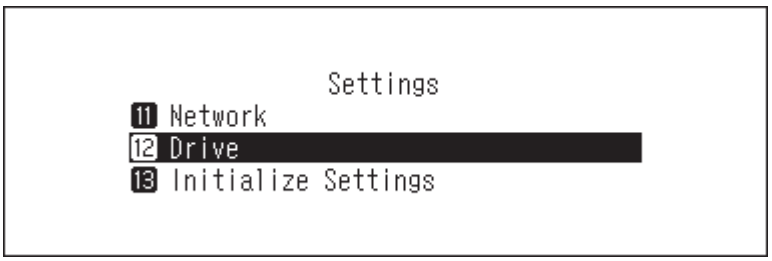
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



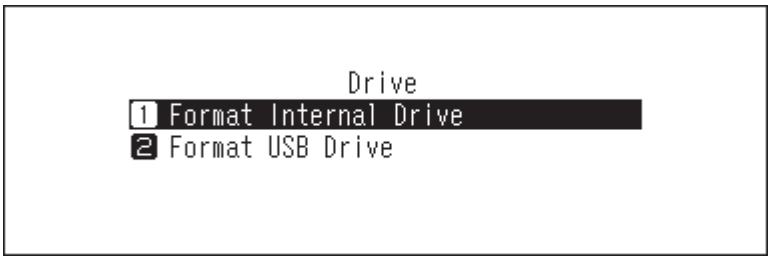
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



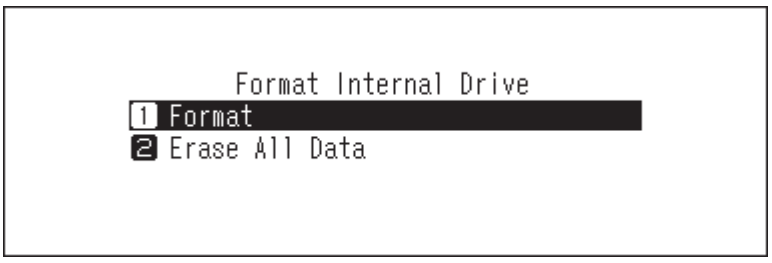
3 Press the Up/Down buttons (∧∨) and select "Drive", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select "Format Internal Drive", then press the Menu/Enter button (↵).

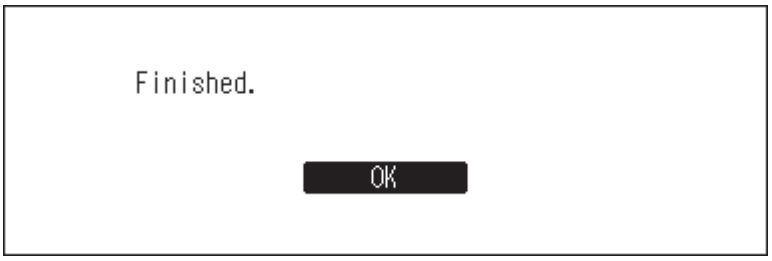


5 Press the Up/Down buttons (∧∨) and select "Format", then press the Menu/Enter button (↵).



6 Make sure that all files on the drive can be erased before proceeding. To continue formatting, press the Up/Down buttons (∧∨) and select "OK", then press the Menu/Enter button (↵).

7 Press the Menu/Enter button (↵).



8 Press the Menu/Enter button (↵).

9 The N10/N100 will restart.

10 After the restart process is completed, set the display language and time zone using the Up/Down buttons (∧∨) and the Menu/Enter button (↵).

Erasing Data on the N10/N100 Completely

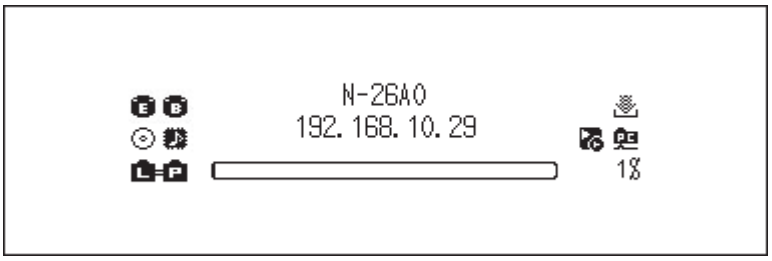
Under some circumstances, data from formatted drives can be recovered. The drive erasure process mentioned in this section does a much more thorough job of erasing data by removing all data from a drive in a way that makes it nearly impossible to recover with current tools. All data on the drives is completely erased.

This section explains the procedure for erasing data on the internal drive as an example.

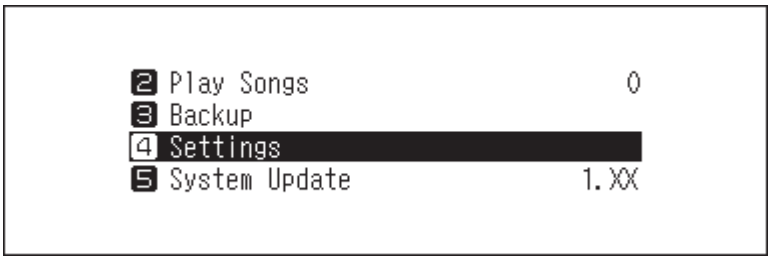
Note: This erasure process will take several days to complete. Make sure the N10/N100 is powered on during the process. Other functions will become unavailable while the erasure process is running.

Typically, follow the procedure in the "Formatting Drives" section above to delete all data on a drive. This procedure below is not recommended for typical use.

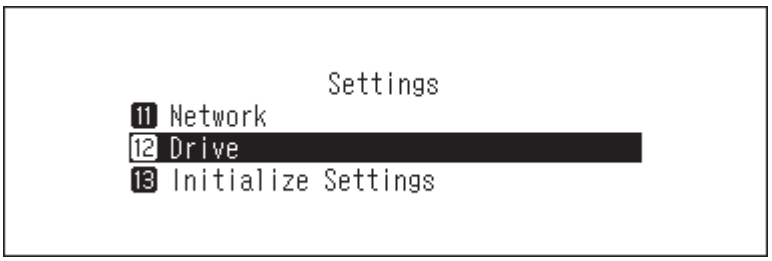
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



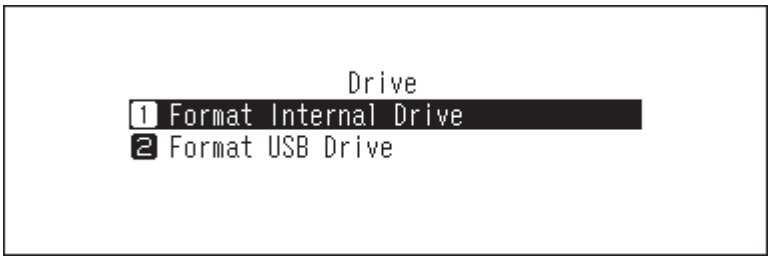
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



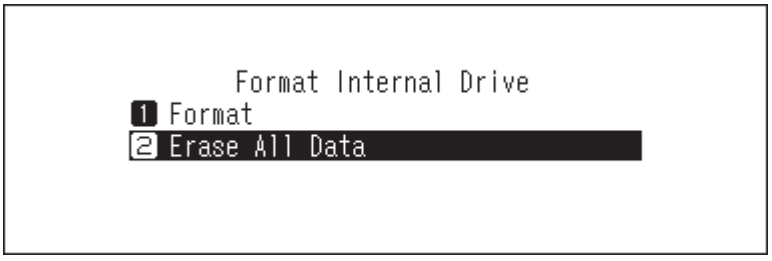
3 Press the Up/Down buttons (∧∨) and select "Drive", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select "Format Internal Drive", then press the Menu/Enter button (↵).

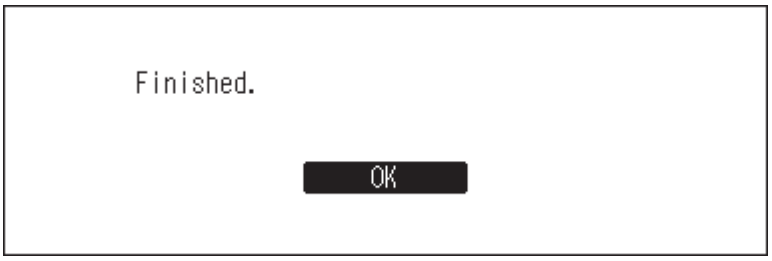


5 Press the Up/Down buttons (∧∨) and select "Erase All Data", then press the Menu/Enter button (↵).



6 Make sure that all files on the drive can be erased before proceeding. To continue formatting, press the Up/Down buttons (∧ ∨) and select "OK", then press the Menu/Enter button (↵).

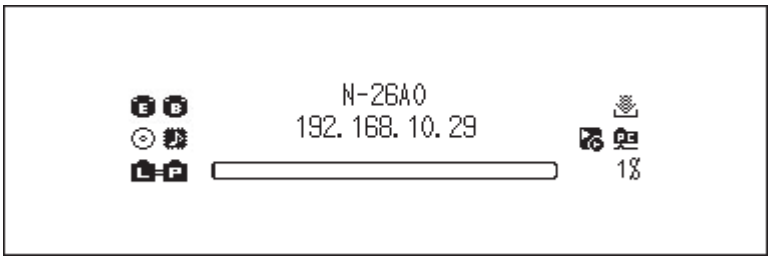
7 Press the Menu/Enter button (↵).



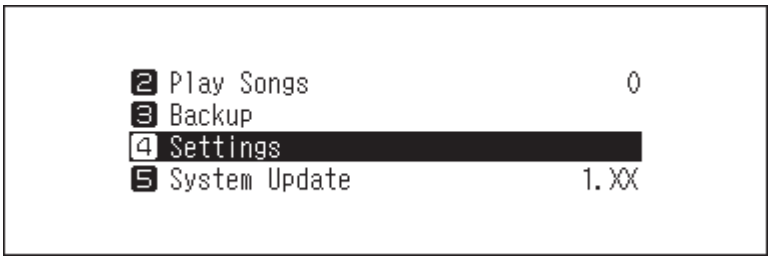
Changing the IP Address

To change the IP address of the N10/N100, follow the procedure below. After the procedure is finished, the N10/N100 will automatically restart and stop any importing or playback operations. We recommend finishing any file importing or playback before changing the N10/N100's IP address.

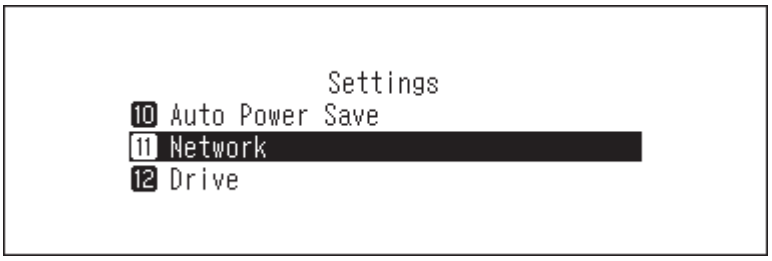
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



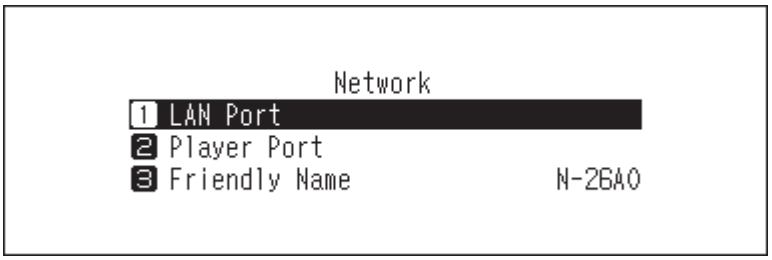
2 Press the Up/Down buttons (∧ ∨) and select "Settings", then press the Menu/Enter button (↵).



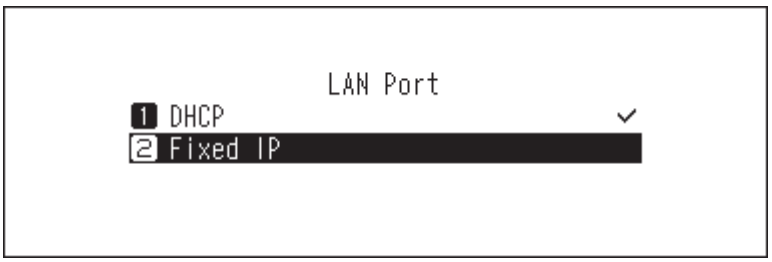
3 Press the Up/Down buttons (∧∨) and select "Network", then press the Menu/Enter button (↵).



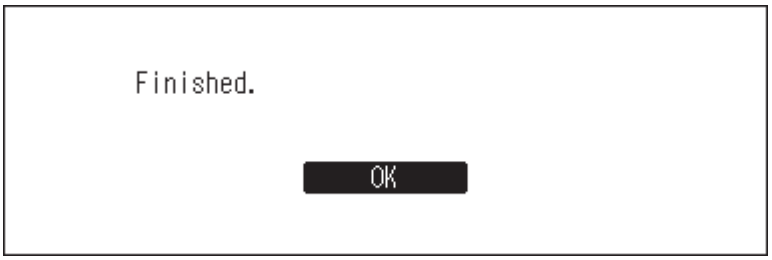
4 Press the Up/Down buttons (∧∨) and select "LAN Port", then press the Menu/Enter button (↵).



5 Press the Up/Down buttons (∧∨) and select whether to automatically acquire the IP address from the DHCP server or configure a fixed IP address, then press the Menu/Enter button (↵).



6 Press the Menu/Enter button (↵).



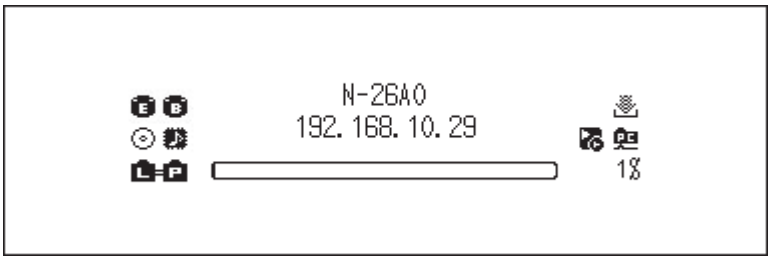
Notes:

- To obtain the IP address from the DHCP server automatically, the DHCP server on the router should also be enabled.
- If "Fixed IP" is selected, enter the desired IP address, subnet mask, default gateway, and DNS server in the displayed screen.

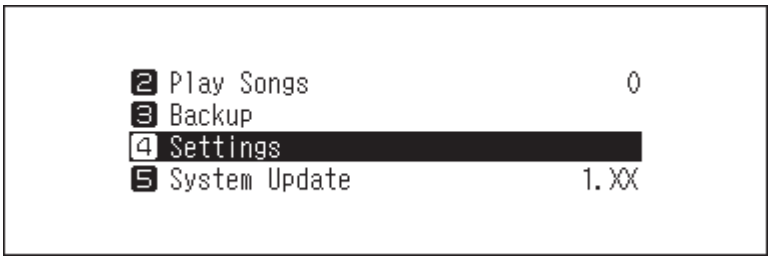
Changing the Friendly Name (Hostname)

To change the friendly name of the N10/N100, follow the procedure below. After the procedure is finished, the N10/N100 needs restarting and stop any importing or playback operations. We recommend finishing any file import or playback before changing the friendly name.

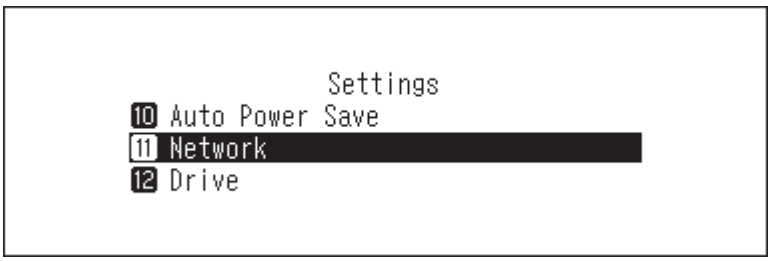
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



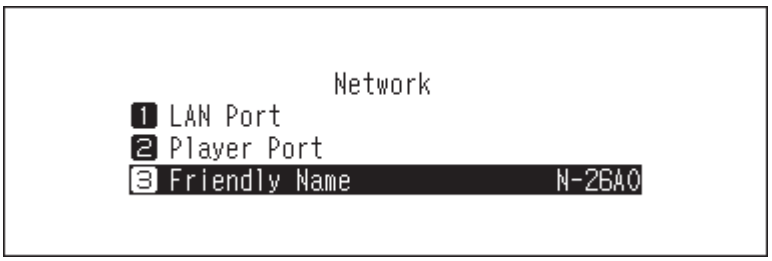
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



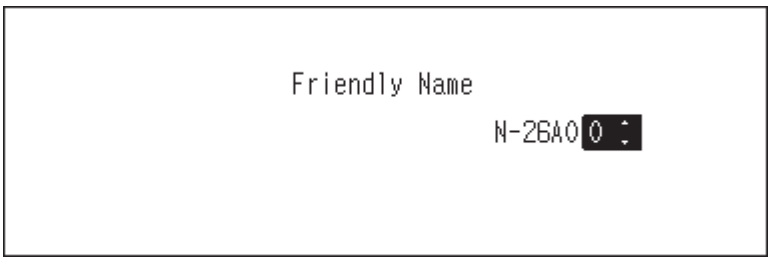
3 Press the Up/Down buttons (∧∨) and select "Network", then press the Menu/Enter button (↵).



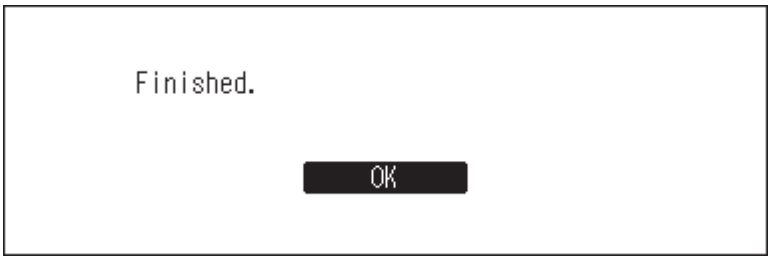
4 Press the Up/Down buttons (∧∨) and select "Friendly Name", then press the Menu/Enter button (↵).



5 Press the Up/Down buttons (∧∨) and enter the new friendly name, then press the Menu/Enter button (↵).



6 Press the Menu/Enter button (↵).



7 Press the Menu/Enter button (↵).

8 The N10/N100 will restart. Wait until the home screen is displayed.

Notes:

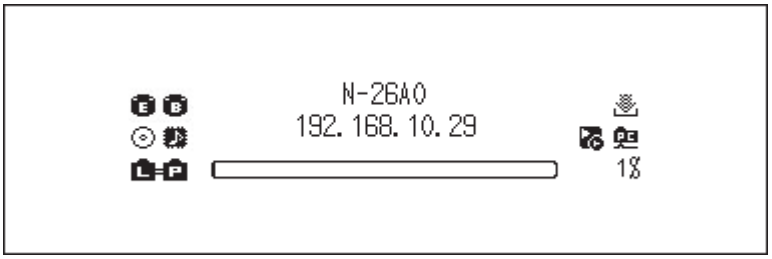
- Friendly name may contain 0–9, A–Z, and hyphens (-).
- When you press the Back button (↩), the entered characters are deleted from the right side. To change the friendly name, press the Back button (↩) and delete all characters except for the first, then enter the new friendly name.
- When you press the Menu/Enter button (↵), the entered character is saved and another character can be selected. Press the Menu/Enter button (↵) twice to stop configuring the friendly name.
- If you delete all the characters, the display will go back to the previous screen.

Configuring the Date and Time

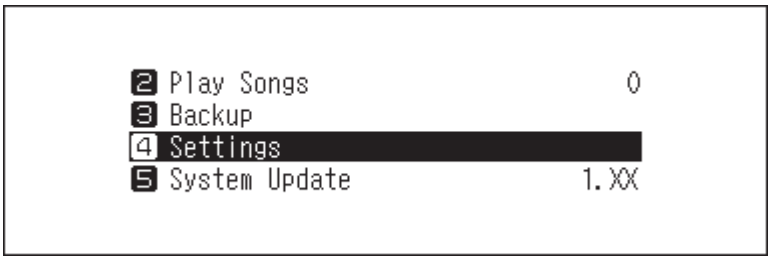
To configure the time settings, follow the procedure below.

Note: To use features that require an Internet connection such as downloading files from the streaming sites, configure the time settings so that they are acquired from the NTP server.

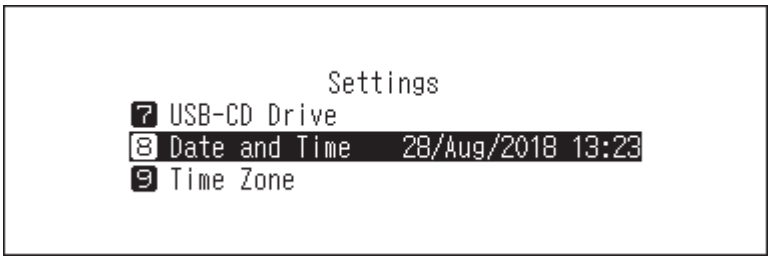
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



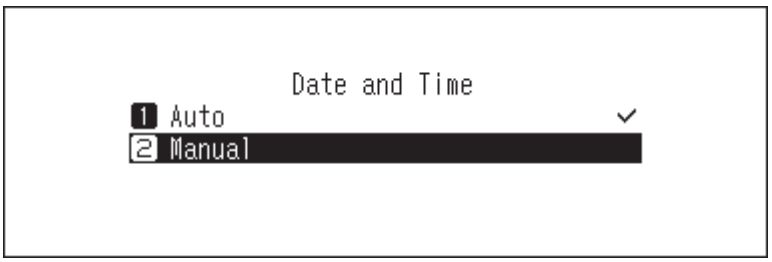
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



3 Press the Up/Down buttons (∧∨) and select "Date and Time", then press the Menu/Enter button (↵).



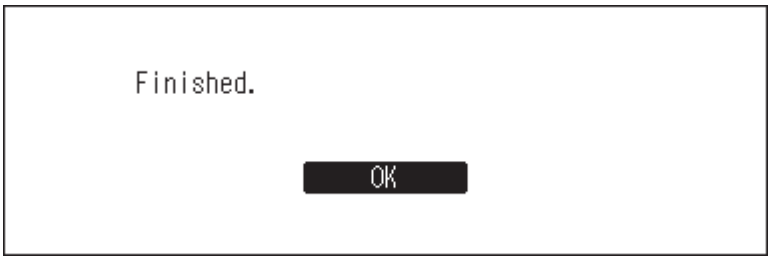
4 Press the Up/Down buttons (∧∨) and select whether to configure the time settings so that they are either automatically acquired from the NTP server or manually configured, then press the Menu/Enter button (↵).



Note: To configure the time settings so that they are acquired from the NTP server, the N10/N100 should be able to connect the Internet.

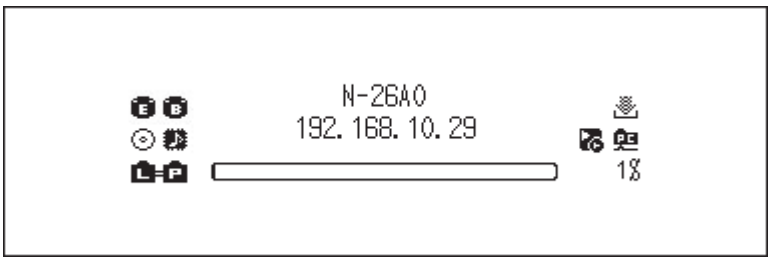
5 If you have selected "Manual" on the previous step, press the Up/Down buttons (∧∨) and configure the date and time, then press the Menu/Enter button (↵).

6 Press the Menu/Enter button (↵).

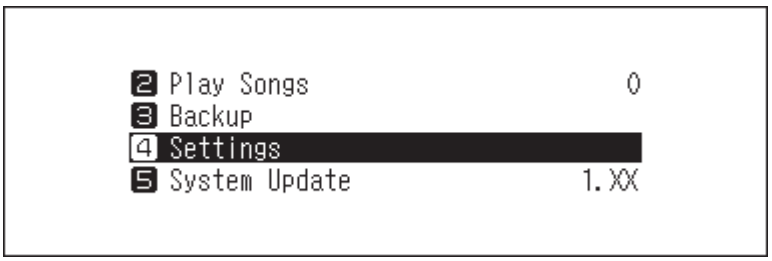


Changing the Time Zone

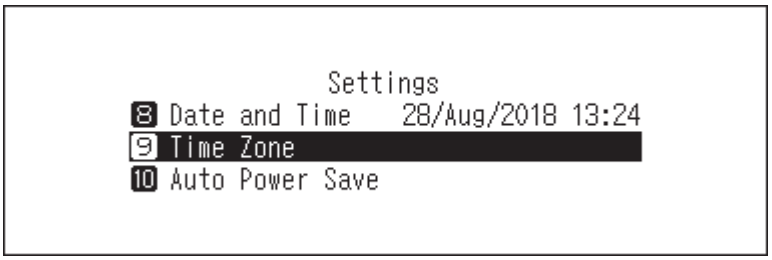
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



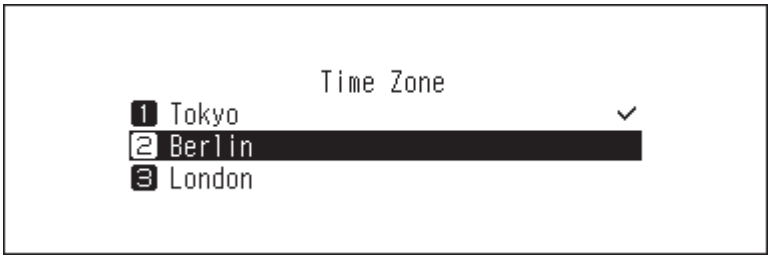
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



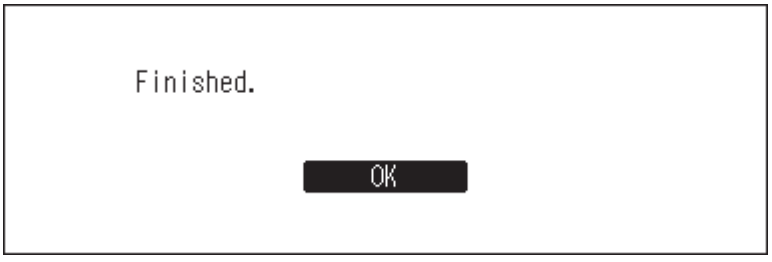
3 Press the Up/Down buttons (∧∨) and select "Time Zone", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select the time zone to configure, then press the Menu/Enter button (↵).

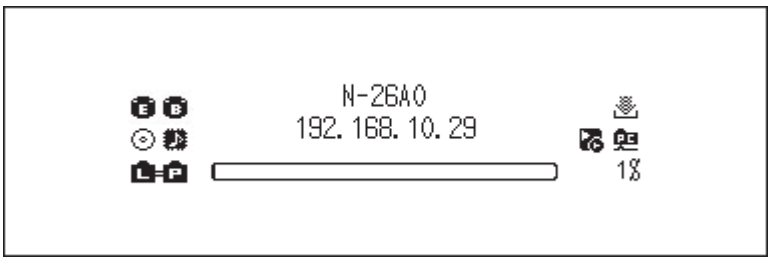


5 Press the Menu/Enter button (↵).

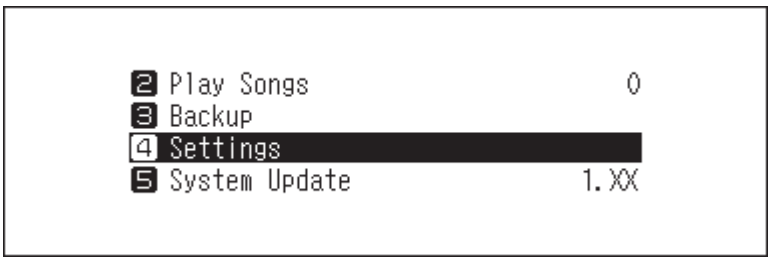


Configuring Display Brightness

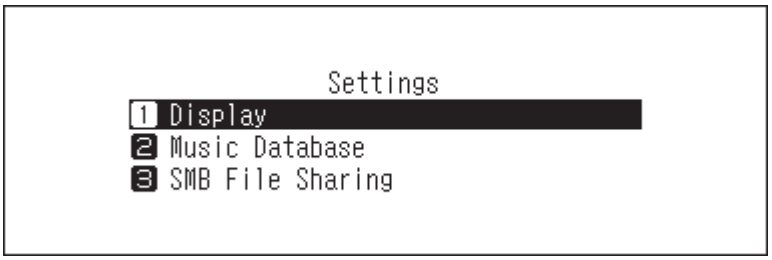
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



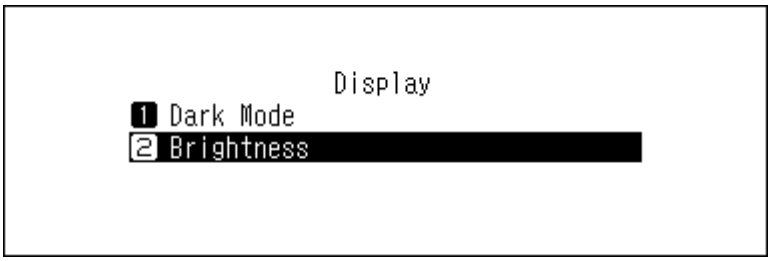
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



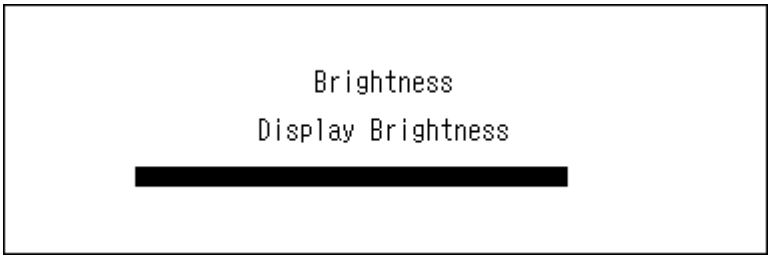
3 Press the Up/Down buttons (∧∨) and select "Display", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select "Brightness", then press the Menu/Enter button (↵).



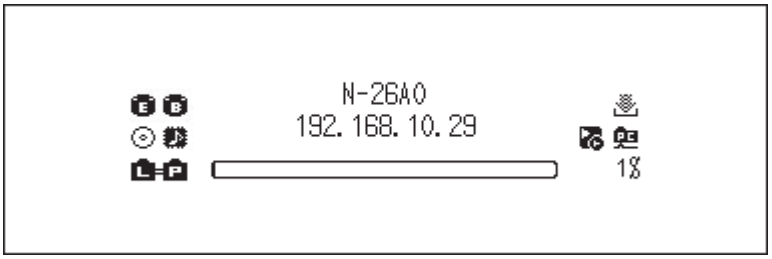
5 Press the Up/Down buttons (∧∨) and change the brightness, then press the Menu/Enter button (↵).



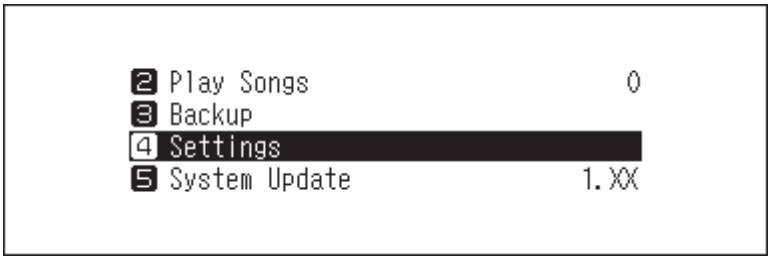
Configuring Automatic Power-Off

If auto power save is enabled, the N10/N100 will automatically power off after music stops playing and a specific amount of time passes. Auto power save will not shut off the N10/N100 while the Network Audio Player that is connected to the player port is on or while a USB-DAC or an optical drive is connected. To change the time settings for auto power save or to turn it off, follow the procedure below.

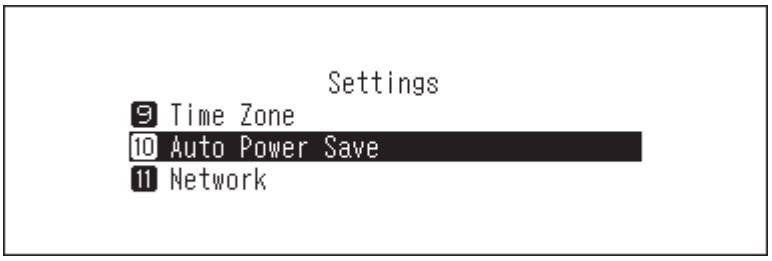
1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



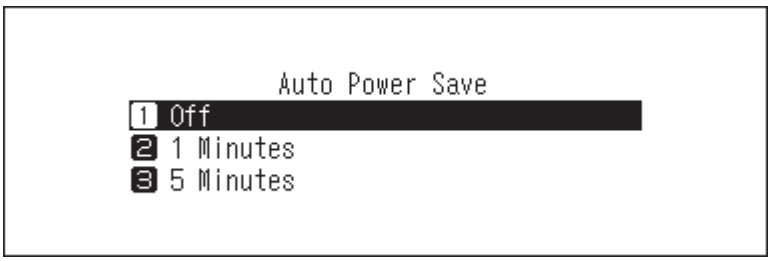
2 Press the Up/Down buttons (∧∨) and select "Settings", then press the Menu/Enter button (↵).



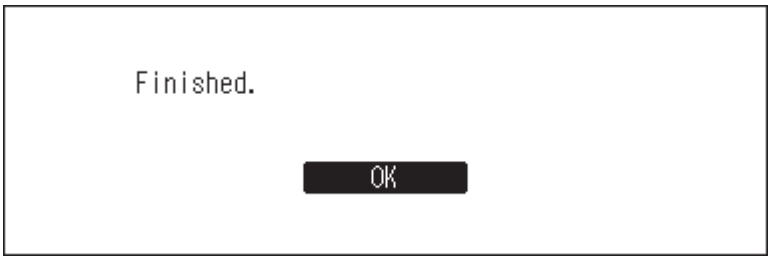
3 Press the Up/Down buttons (∧∨) and select "Auto Power Save", then press the Menu/Enter button (↵).



4 Press the Up/Down buttons (∧∨) and select the desired time setting, then press the Menu/Enter button (↵).



5 Press the Menu/Enter button (↵).

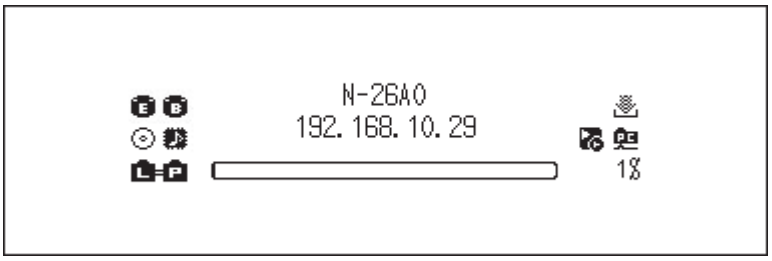


If the N10/N100 is powered off by auto power save, the power button will not automatically revert to the **off** position. To turn the N10/N100 on, press the power button to return it to the **off** position, and then press it again to power on the N10/N100.

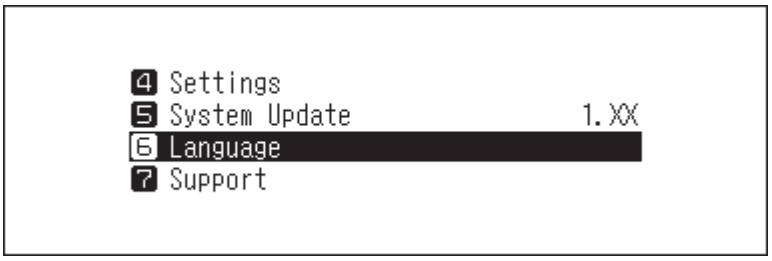
Changing the Display Language

To change the display language, follow the procedure below. After the procedure is finished, the N10/N100 will stop any file playback. We recommend finishing any file playback before changing the display language.

1 Press the Menu/Enter button (↵) to display the menu list at the home screen.



2 Press the Up/Down buttons (∧∨) and select "Language", then press the Menu/Enter button (↵).



3 Press the Up/Down buttons (∧∨) and select the display language, then press the Menu/Enter button (↵).

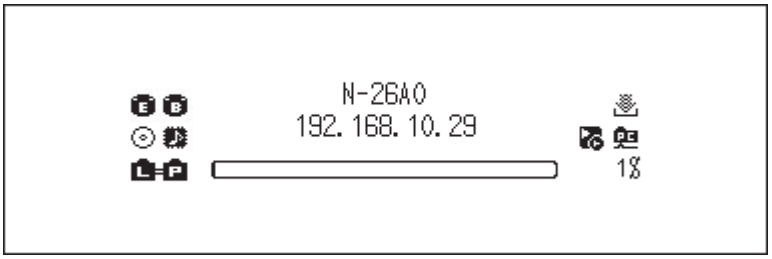
Updating the Firmware

To update the N10/N100's firmware version to the latest one, follow the procedure below.

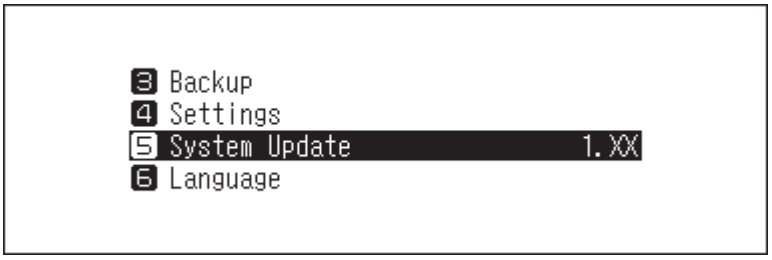
Updating via the Network

Note: To update the firmware via the network, the N10/N100 should be connected to the Internet. If the N10/N100 is in isolated mode, use another Ethernet cable and connect it to the LAN port and the router.

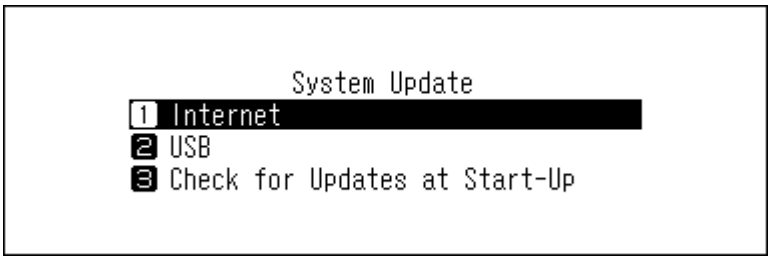
1 Press the Menu/Enter button (↳) to display the menu list at the home screen.



2 Press the Up/Down buttons (∧∨) and select "System Update", then press the Menu/Enter button (↳).



3 Press the Up/Down buttons (∧∨) and select "Internet", then press the Menu/Enter button (↳).



4 Press the Up/Down buttons (∧∨) and select "OK", then press the Menu/Enter button (↳).

5 The N10/N100 will restart. Wait until the home screen is displayed.

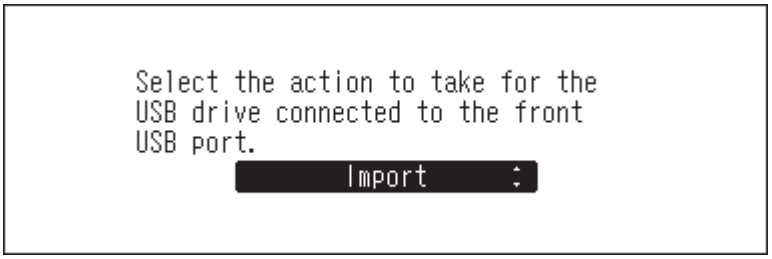
Updating from the USB Device

1 Download the latest firmware from melco-audio.com.

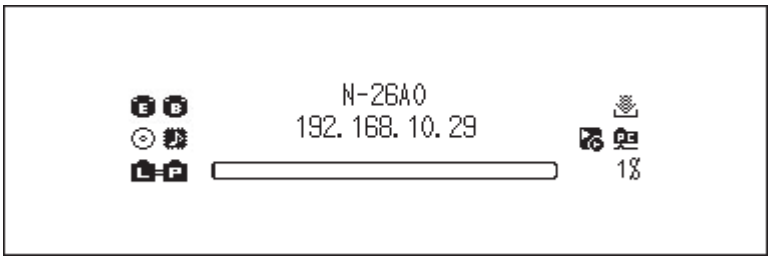
2 Extract the downloaded file and copy the "melco_musiclibrary_updater.bin" file from the extracted folder to the USB drive (root directory).

3 Connect the USB drive to the front USB 2.0 port.

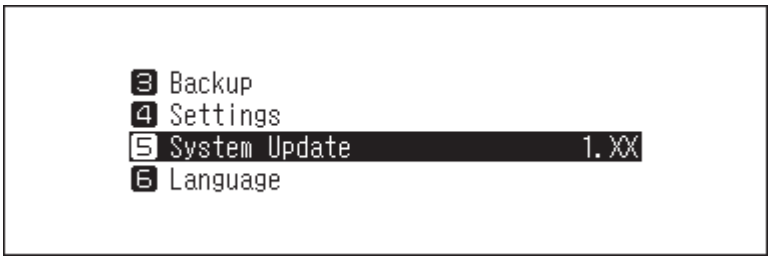
4 When the following screen is displayed, press the Back button (⮌).



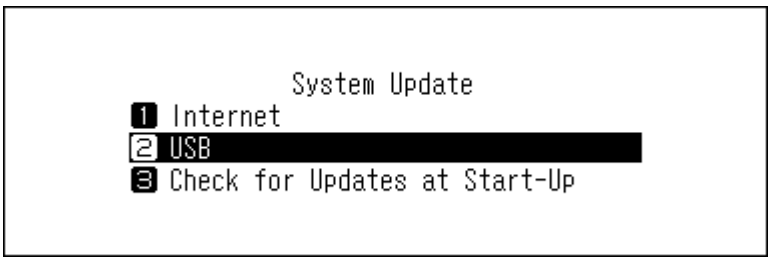
5 Press the Menu/Enter button (↳) to display the menu list at the home screen.



6 Press the Up/Down buttons (∧∨) and select "System Update", then press the Menu/Enter button (↳).



7 Press the Up/Down buttons (∧∨) and select "USB", then press the Menu/Enter button (↳).



8 Press the Up/Down buttons (∧∨) and select "OK", then press the Menu/Enter button (↳).

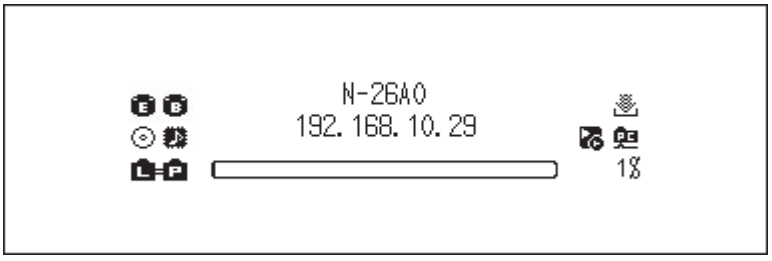
9 The N10/N100 will restart. Wait until the home screen is displayed.

10 When the home screen is displayed, disconnect the USB drive.

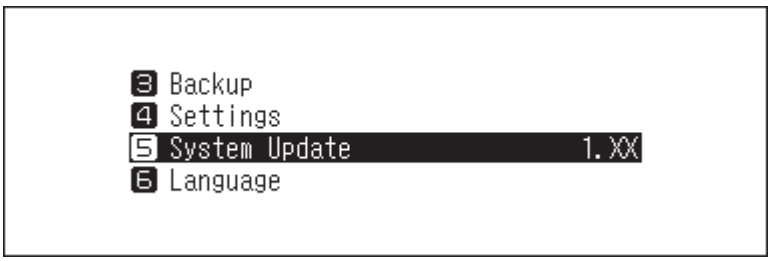
Checking for Updates Automatically

The N10/N100 can check if newer firmware has been released when turning on the N10/N100. If new firmware is detected, you can continue to update the firmware. It is enabled by default. To disable checking for firmware releases automatically, follow the procedure below.

1 Press the Menu/Enter button (↵) to display the menu list at the home screen.

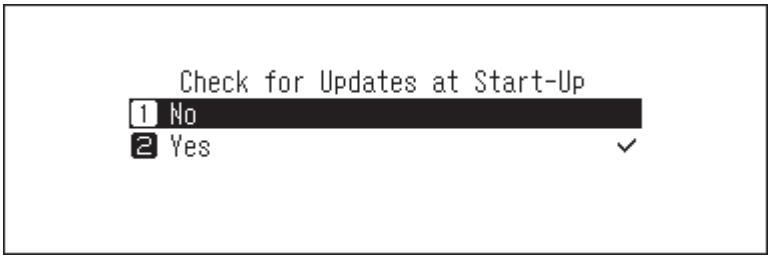


2 Press the Up/Down buttons (∧∨) and select "System Update", then press the Menu/Enter button (↵).

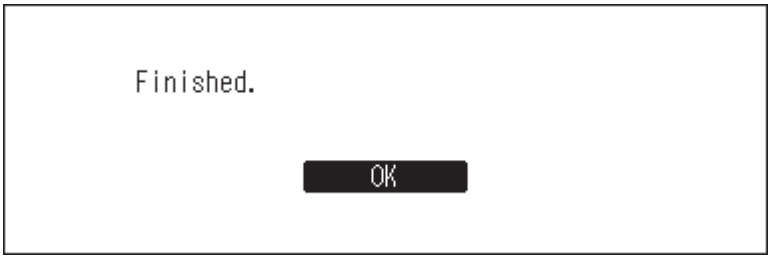


3 Press the Up/Down buttons (∧∨) and select "Check for Updates at Start-Up", then press the Menu/Enter button (↵).

4 Press the Up/Down buttons (∧∨) and select "No", then press the Menu/Enter button (↵).



5 Press the Menu/Enter button (↵).



Restoring Factory Defaults

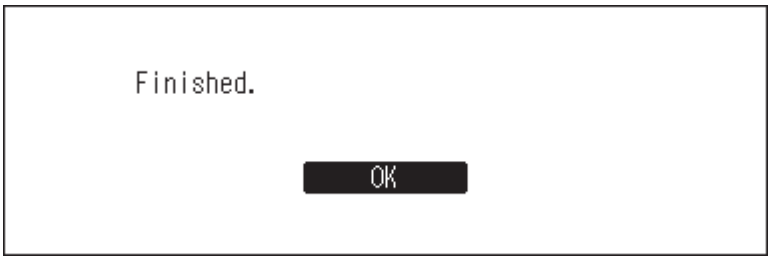
To initialize the N10/N100 to its factory default settings, follow the procedure below. The operation above only initializes the settings. Data will not be affected.

1 Turn off the N10/N100.

2 Turn on the N10/N100 while pressing and holding the Down button (∨). After the "MELCO" logo disappears, let go of the Down button (∨).

3 Press the Up/Down buttons (∧∨) and select "OK", then press the Menu/Enter button (↵).

4 Press the Menu/Enter button (↵).

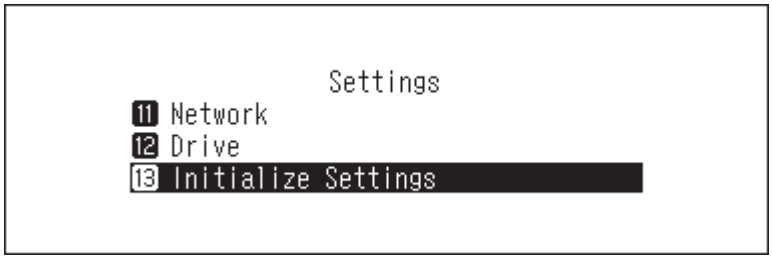


5 Press the Menu/Enter button (↵).

6 The N10/N100 will restart. Wait until the home screen is displayed.

7 After the restart process is completed, press the Up/Down buttons (∧∨) and set the display language and time zone, then press the Menu/Enter button (↵).

If you go to *Settings* > *Initialize Settings* on the display panel, you can initialize the settings by selecting "OK", then pressing the Menu/Enter button (↵).



Chapter 4 Appendix

Menu List

From the front display panel, the following options are available.

Status

Internal Drives	Displays the total capacity, used capacity, and usage percentage of the internal drive.
USB Drives	Displays the total capacity, used capacity, and usage percentage of the connected USB drive.
Songs	Displays the number of imported music files.
Music Database	Displays the current status of the imported music file database after it is scanned.
Date and Time	Displays current time and date.
Network	**LAN**: Displays the network settings of the LAN port labelled "LAN", such as IP address, MAC address, link speed, and the Internet connection status. **Player**: Displays the network settings of the LAN port labelled "PLAYER", such as IP address, MAC address, and link speed.
System Software	Displays the version of the firmware installed on the N10/N100.
Media Server	Displays the media server's version.
Downloader	Displays whether downloader is enabled. When downloader is configured, it will show either the account of a streaming site or the connection status between the streaming site and the N10/N100 unit.

Browse Songs/Play Songs

Displays music lists that have been imported to the N10/N100 or are currently on the expansion drive. When you connect a USB-DAC device to the N10/N100, the menu will change to "Play Songs". After selecting a music file and then "Play", you can play the music file on a USB-DAC.
The number of available music files to play on a USB-DAC will be displayed to the right of the menu.

Backup

Start Backup	Backs up music files on the N10/N100 to the backup drive that is connected to the USB 2.0 port.
Restore from Backup	**Restore Settings**: Restores the settings from the USB drive. **Restore Data**: Restores the backup music files in the USB drive to the N10/N100.
Backup History	Displays the backup history of any previous backups.

Settings

Display

Dark Mode	Turns off the display panel. You can also turn off the display panel from the home screen by pressing and holding the Back button (⮌) for two seconds. While the display panel is off, press any button on the front to relight the display.
Brightness	Changes the brightness of the display panel.

Music Database

Rescan Songs and Playlists	Rescans the music database of the imported music files. If the music files are not listed properly on the Network Audio Player, update the music database.
Tree Indexes	Customizes navigation trees. **Standard**: This is the default settings when shipped. **Indexed Mode**: This is the best option for when there are many files on the N10/N100 or playing music files via smartphones or a USB-DAC device using the front panel of the N10/N100. Artists, album, and composer information will be hidden. **Standard + Indexes**: All index folders and information of artists, album, and composer will be displayed.
Integrate Duplicate Files	If enabled, and files that have the same title, artist, size, and format information are found, these files are considered to be the same file so only one file will appear on the file list. If disabled, even files that are considered exactly the same will appear on the file list, so you may see multiple files with the same song title.
Clear and Rebuild Database	Rebuilds the music database of the imported music files.

SMB File Sharing

On	Shares all music files on the N10/N100 with the network. For files in the "import_CD" folder, tracks can be shared but not the cover art file (folder. jpg).
Off	If disabled, the N10/N100 will become invisible from other devices on the network and music files on the N1 cannot be accessed by another device.

Downloader

Enable or disable periodic downloads, and add or remove a streaming site account for downloading music files.

Account Settings	Adds, edits, or removes a streaming site account for the downloader. Currently, the N10/N100 supports accounts from HIGHRESAUDIO, OTOTOY, e-onkyo music, and mora. After adding the account, music files purchased at the streaming site will be downloaded to the N10/N100 automatically.
Periodic Downloads	Enables or disables periodic downloads.

Import from USB Drive

Configure whether to create a folder that contains the import date in the folder name when importing.

Into One Folder	Imports all updated files to the "all" folder within the "import" folder on the N10/N100. If a file has no updated information, that file will not be imported.
Into Folders by Date	Creates a folder within the "import" folder to store the imported files from the connected USB drive. The folder name will contain the import date. Imported files may contain duplicates in the N10/N100 if the same files are on the USB drive.

USB-DAC

Configure settings to convert DSD files using a USB-DAC.

Controller Mode	Configures the mode to stream music using controller apps.
DSD Playback Mode	Configures the playback mode if playing DSD files on the N10/N100 using a USB-DAC. If playing DSD files without converting them, select "Standard". This mode will select the playback mode between Markerless DSD playback or DoP (DSD over PCM) playback for the DSD files automatically. Use this mode normally. If you prefer the DoP playback, select "DSD over PCM Priority Mode". If the connected USB-DAC only supports PCM, select "PCM Mode".
Precision Start Latency	Configures a gap time that precedes a playlist track. This also solves an issue that occurs with specific USB-DAC devices.

USB-CD Drive

Configure settings to import music files from a music CD using an optical drive.

CD-DA Import File Format	Selects import file formats from either "FLAC" or "WAV". If you select "FLAC", configure the compression level used when importing music files as well. Available compression levels are below. **No Compression**: The music files will not be compressed during importing. **Low Compression**: Compression time is less than standard compression. The resulting file quality corresponds to FLAC 0. **Standard Compression**: Compression time is not as long and the size remains average. This is the same as common FLAC file format. The resulting file quality corresponds to FLAC 5. **High Compression**: Compression time is longer but the resulting file size is smaller. The resulting file quality corresponds to FLAC 8.
Maximum Read Count	Configures the number of times a CD will be read when inserted into the N10/N100.
Advanced Drive Optimization	Configures the read sample offset correction values between "-2000" to "+2000". This value will vary depending on what type of CD drive you use. It is configured to "±0" by default. This doesn't need to be changed normally.

Date and Time

Configure the time settings of the N10/N100.

Auto	Configures the time settings acquired from the NTP server via the Internet.
Manual	Configures the time settings manually.

Time Zone

Configure the time zone for date and time settings.

Auto Power Save

Configure whether to shut down the N10/N100 automatically if the music stops playing and a specific amount of time passes. You can select from off, 1 minute, 5 minutes, 15 minutes, and 20 minutes.

Notes:

- The N10/N100 will not be powered down while playing music.
- If the N10/N100 is accessed from a Network Audio Player or computer, it will not be powered down even after the specified time passes.

Network

LAN Port	Configures whether to automatically acquire the IP address from a DHCP server or enter it manually. If "Fixed IP" is selected, enter the IP address, subnet mask, default gateway, and DNS server.
Player Port	Selects "Bridged Mode" if the N10/N100's LAN port is connected to the router. If directly connecting the N10/N100 and the Network Audio Player, select "Isolated Mode". When you select "Off", the player port will be disabled.
Friendly Name	Changes the friendly name (hostname) of the N10/N100.

Drive

Format Internal Drive	Formats the internal drive of the N10/N100. If you select "Erase All Data", all data on the drives will be completely erased. Data removed this way will be nearly impossible to recover with the current tools.
Format USB Drive	Formats the USB drive. If you select "Erase All Data", all data on the drives will be completely erased. Data removed this way will be nearly impossible to recover with the current tools.

Initialize Settings

Restores the N10/N100 settings to the factory default.

Dismount USB Drive

Dismount a USB drive connected for which "Mount and Scan" had an action selected. This menu will show which USB port a USB drive is connected to (either front or rear), and allows you to disconnect a USB drive while the N10/N100 is on.

System Update

Internet	Updates the N10/N100's firmware to the latest version via the Internet. Refer to the "Updating via the Network" section in chapter 3 for the procedure to update the firmware.
USB	Updates the N10/N100's firmware to the latest version using a USB device that contains the firmware file. Refer to the "Updating from the USB Device" section in chapter 3 for the procedure to update the firmware.
Check for Updates at Start-Up	Enables or disables checking for a new firmware release when turning on the N10/N100.

Language

English	Changes the display language to English.
日本語	Changes the display language to Japanese.
Deutsch	Changes the display language to German.
Français	Changes the display language to French.

Support

This menu is used for user assistance.

Web Service Availability	Displays the connection availability for services that will require the Internet.
PC-incompatible characters	If invalid characters are used for the names of files and folders, they will be automatically changed to underscores (_).
Create Archive	Analyzes the N10/N100's operating environment and archives the data to a file with the ".sendme" file extension. The archived file will be saved into the shared folder on the N10/N100. We may ask you to send it to us it when contacting us. We don't recommend creating archives while playback.

Error Codes

If any of the following error codes are displayed on the N10/N100's display panel, try the respective corrective actions.

Error	Corrective Actions
010–012 No backup found.	Make sure the USB drive that contains backup data is connected to the USB 2.0 port.
020 Friendly name is too short.	The friendly name has not been configured. Enter the friendly name. The friendly name should be between 1–15 characters.
021 Friendly name is too long.	The entered friendly name must not exceed 15 characters.
030 Not enough space on drive.	Delete extra files on the copy target drive.
031 Some files not copied.	Files on the copy source drive may be corrupted.
033 I/O error.	The connected USB drive may be malfunctioning. Connect it to a computer and run a drive check.
034 Could not erase data.	The drive to be formatted may be malfunctioning.
040, 041 Updater not found.	Make sure the N10/N100 is connected to the Internet or the updater is saved on the connected USB drive.
042–044 Update error.	The updater file may be corrupted. Try the update again, or download a new updater file from melco-audio.com.
091 No expansion drive available.	Make sure the USB drive is connected to the N10/N100.
094 No response from NTP server.	Put the N10/N100 on a network that can access the Internet.
101 Could not mount drive.	The USB drive may be malfunctioning or the drive format is not supported.

Error	Corrective Actions
102 Could not dismount drive.	The USB drive is possibly being accessed at this time.
103 Could not format drive.	The formatted USB drive may be malfunctioning.
104 Could not form partition.	The drive may be malfunctioning or is not supported.
110 Internal drive not found.	Try restarting the N10/N100. If the message is still displayed, contact our technical support for assistance.
111 Usable internal drive not found.	Run "Try repair of unrecognised disk" and check if the message is still displayed. If the message is still displayed, contact our technical support for assistance.
112 Internal drive not found.	Try restarting the N10/N100. If the message is still displayed, contact our technical support for assistance.
113 Internal drive 1 not found.	
120 USB drive not found.	The connected USB drive may be malfunctioning. Try another USB drive.
121 USB drive not mounted.	
122 Only one USB drive can be initialized. Remove 2nd/3rd USB drive first.	Make sure only one USB drive is connected to the N10/N100 when formatting.
140 No backup drive found.	Make sure the backup drive that contains backup data is connected to the USB 2.0 port.
141 Backup drive not mounted.	
200 No accounts found.	Add an account.
203 Could not connect to the site.	Put the N10/N100 on a network that can access the Internet.
204 Authentication error.	Make sure that the username and password are correct.
300 This CD's music data is currently unavailable.	The music database server may be under maintenance. Please wait for a while and try again later.

Default Settings

Display	Brightest
SMB File Sharing	On
Periodic Downloads	Off
Import from USB Drive	Into One Folder
Controller Mode	Hybrid Mode
DSD Playback Mode	Standard
Precision Start Latency	3 seconds
CD-DA Import File Format	WAV
Maximum Read Count	1
Advanced Drive Optimization	±0

Auto Power Save	15 minutes **Note:** This setting may be configured to "Off" for some units.
LAN Port	DHCP
Player Port	Bridged Mode
Friendly Name	N-*XXXX* ("X" stands for the last four digits of MAC address)
Check for Updates at Start-Up	Yes