

LUXMAN

Windows/Mac Audio Player Software For LUXMAN D/A Converter

"LUXMAN Audio Player"

Operation Manual

● Recommended PC conditions for Windows and Mac

CPU: Intel Core 2 Duo or higher

Memory: 2 GB or more

OS: Windows 8.1, Windows 10

Mac OS X v10.7 (Lion)

OS X v10.8 (Mountain Lion)

OS X v10.9 (Mavericks)

OS X v10.10 (Yosemite)

OS X v10.11 (El Capitan)

macOS v10.12 (Sierra)

macOS v10.13 (High Sierra)

macOS v10.14 (Mojave)

macOS v10.15 (Catalina)

LUXMAN software operates only when used in combination with compatible, USB equipped LUXMAN D/A converters and CD/SACD players. We will inform you about the latest compatible products on the LUXMAN website if there are any changes.

Compatible models: DA-06, DA-250, DA-150, DA-200, DA-100, D-08u, D-06u, D-05u, D-N150, D-03X

(As of March 2020)

This manual mainly explains how to operate version 1.7.3 of our software with a Windows OS for playback and play-list management; the instructions also apply when using Mac OS.

The "Device settings" and "Settings for high quality playback" are separately explained for Windows and Mac OS; please read the applicable explanation.

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Caution

- Try to avoid using your PC or Mac during audio file playback as much as possible. Failure to observe this may increase the load on the CPU and interfere with smooth file reproduction or affect audio playback quality.
 - When using this software with the D-08u, D-06u, D-05u or DA-06, it is necessary to use the driver on the CD supplied with the product or the dedicated driver software distributed via the LUXMAN website.
 - * If you have the DA-250, DA-150, D-N150 or D-03X, download this software from LUXMAN's website.
 - The Windows driver software for the DA-200 and DA-100 will only work on Windows Vista or later OS versions. This software does not run on Windows XP or earlier versions of Windows that do not support the WASAPI mode.
 - When this software is used on Windows, copying only the executable file (LUXMAN-AudioPlayer.exe) in the application to a given site is insufficient. Be sure to copy the whole <LUXMAN Audio Player for Windows> folder.
 - The supported audio file sampling frequency and quantization bit characteristics for audio playback are defined by the specifications of the connected USB equipped D/A converter or CD/SACD player. Refer to the owner's manual supplied with the D/A converter or CD/SACD player for further information.
 - When this software is used with a connected DA-200 or DA-100, file types supported by the LUXMAN D-08u, D-06u, D-05u, DA-06, DA-250, DA-150, D-N150 and D-03X models will be registered in the playlist, but those files will be skipped during playback and the playback of the next supported file will automatically start.
 - Read the owner's manual supplied with the USB equipped D/A converter or CD/SACD player.
 - Audio files may sometimes be damaged because of problems generated by the PC or Mac used for music playback. Frequent file backups are strongly recommended.
 - We will provide information on LUXMAN's website if any software is updated. Refer to the LUXMAN website for any further information: (<http://www.luxman.co.jp/>)
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■ License agreement conditions

- The provided software is copyrighted by LUXMAN CORPORATION (hereafter referred to as LUXMAN) and LUXMAN is the original rights holder.
- The provided software can only be used for the purpose of controlling a LUXMAN product and that product must use the corresponding provided software.
- When the provided software is used, the restrictions, precautions and recommendations apply for each provided software type. This is clearly stated and should be observed.
- Modification, adaption and analysis for reverse engineering, decompilation, disassembling, etc. of all or any part of the provided software is strictly prohibited.
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Outline

The "LUXMAN Audio Player" is a Windows and Mac compatible software audio player that enables users to enjoy high quality audio playback with its simple interface and easy operability.

The software will only work in conjunction with a USB equipped LUXMAN D/A converter or CD/SACD player. Selecting the appropriate model on the settings screen enables users to play back high-resolution audio files and DSD files purchased from all music distribution services as well as data ripped from CDs without any difficulties.



Main features

1. Simple interface design with the styling of LUXMAN's D series.
2. Developed with sound quality having the highest priority, playback of high-quality audio files is optimized for USB equipped LUXMAN D/A converters and CD/SACD players.
3. Playback features are only available by selecting a connected USB equipped D/A converter or CD/SACD player after installation.
4. A playlist is created by dragging and dropping audio files onto the player interface.
5. Compatible with audio files of up to 384 kHz* for PCM data and 22.5 MHz for DSD.
6. ASIO 2.1 and DoP (2 modes) are selectable for DSD native playback for Windows OS (DoP playback for Mac OS).
7. RAM expansion mode playback is available by loading audio file data into the connected model's main unit memory from a PC or Mac.
8. The MP3 gapless playback function enables playback without interruption between tracks for live recordings.

Supported file format

WAV : 44.1 k to 384 kHz*/16 to 32 bit

FLAC : 44.1 k to 384 kHz*/16 to 32 bit

MP3 : 32 k to 320 kbps

DSF : 2.82/5.64/11.2* MHz

DSDIFF(extension.dff) : 2.82/5.64/11.2* MHz

ALAC (extension.m4a) : 44.1 k to 384 kHz*/16 to 32 bit

AIFF : 44.1 k to 384 kHz*/16 to 32 bit

* D-05u, DA-250, DA-150, and D-N150 support PCM data of up to 192 kHz.

D-N150 does not support DSF/DSDIFF.

* Only D-03X supports 11.2 MHz.

Installation on PC/Mac

The "LUXMAN Audio Player" folder or icon, generated by the CD software installer supplied with the product or from LUXMAN's website, can be copied or moved to any location on the user's PC or Mac.

Description of operations <for Windows>

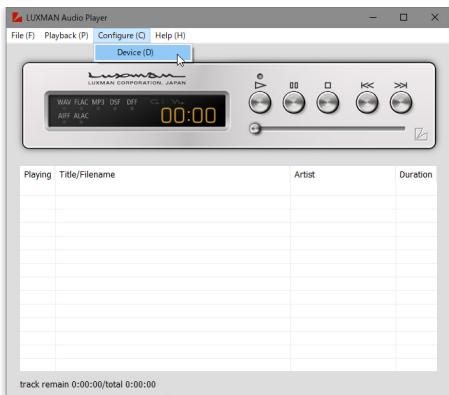
□ Software startup

The software is opened by double-clicking the "LUXMAN Audio Player" icon. The player interface is then displayed.

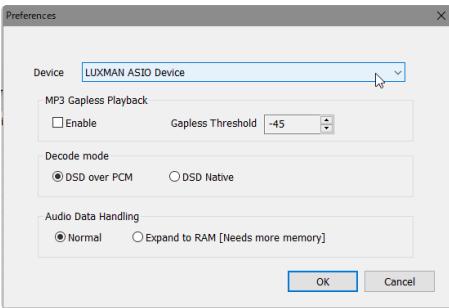
□ Device setting

When this software starts up for the first time after connecting to a compatible, USB equipped D/A converter or CD/SACD player, the device settings should be performed as follows:

1. Select "Device (D)" from the "Configure (C)" menu.



2. Click the vertical arrow to the right of the "Device" item to select the "LUXMAN ASIO Device" after the "Configure" dialog box is displayed.



3. Click the "OK" button to determine the configuration; then the "Configure" dialog box will close.

This completes the basic settings and the software is prepared for music playback.

For the input selection of the connected USB equipped D/A converter or CD/SACD player, select the "USB" position, select the "USB" position. Selecting the "USB" option on the connected, USB equipped D/A converter or CD/SACD player will complete the connection procedure.

The "Configure (C)" menu cannot be selected during music playback. To select it, first stop playback and then select the "Configure (C)" menu.

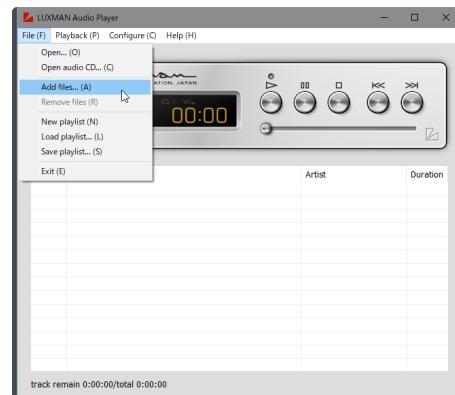
□ Playback preparation

Prepare "LUXMAN Audio Player" to play back audio files.

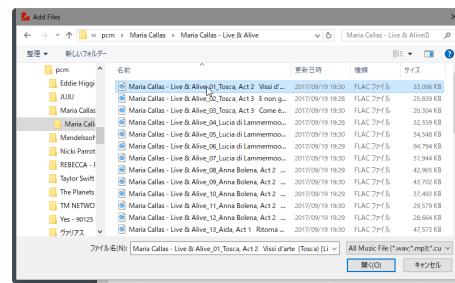
The "Playlist", showing the audio files to be played back in order, is displayed in the lower part of the player screen.

The listener's choice of audio files to be played back may be registered by directly dragging and dropping the files to the "Playlist" or by the following method:

1. Select "Add files... (A)" from the "File (F)" menu. The "Add files" dialog box will be displayed.



2. Select an audio file to be played back from the file list and click "Open (O)" to add the file to the "LUXMAN Audio Player" playlist. Multiple audio files can be added together by selecting all of the desired files and clicking "Open (O)".



3. It is also possible to drag and drop audio files and folders from the Explorer window and add them to the "LUXMAN Audio Player" playlist. When there are one or more sub-folders in the desired folder, audio files in the sub-folders will also be added to the playlist.

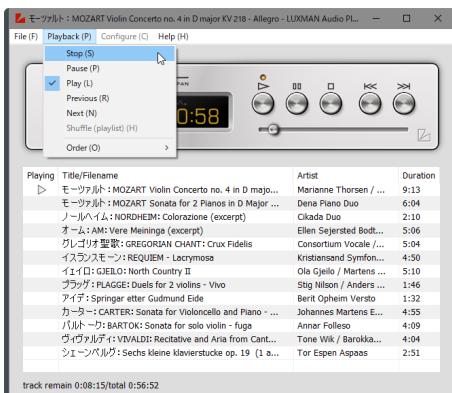
Operations <for Windows>

□ Music playback

1. Select an audio file from the "Playlist" and click the ▶ button to start playback. Playback will also start by directly double-clicking an audio file registered in the playlist.



2. To stop playback, click the □ button. To pause, click the ☱ button.



Place the pointer over the frame of the "LUXMAN Audio Player" and drag it to change the window size.

3. Various operations can be performed by selecting the menu items described below in the "Playback (P)" menu.

[Stop (S)]:

Stops the audio file currently playing.

Same action as the □ button

[Pause (P)]:

Stops the audio file playing temporarily.

Same action as the ☱ button

[Play (L)]:

Plays back the selected audio file.

Same action as the ▶ button

[Previous (R)]:

Returns to the previous audio file (the file directly above in the playlist).

Same action as the << button

[Next (N)]:

Advances to the next audio file (the file directly below in the playlist).

Same action as the >> button

[Shuffle (playlist) (H)]:

Plays back a random audio file after shuffling files in the playlist (random playback).

[Order (O)]:

A menu for selecting a repeated playback method from the following.

[Order (O)] > [Default (D)]:

Does not perform repeat playback.

[Order (O)] > [Repeat (playlist) (R)]:

Repeatedly plays back an audio file from the playlist.

[Order (O)] > [Repeat (title) (E)]:

Repeatedly plays back the currently selected audio file.

Operations <for Windows>

□ Playlist management

Menus for the playlist cannot be selected during music playback. To select a menu, first stop the playback; then select a menu.

Playback lists of audio files registered in the playlist can be stored as playlist files. The creation of multiple playlist collections of your favourite music by genre or sound source format is useful.

When closing the "LUXMAN Audio Player", the current playlist will be stored. When the "LUXMAN Audio Player" is next opened, the currently stored playlist will be displayed.

• Store the playlist

1. Select "Save playlist... (S)" in the "File (F)" menu after adding a selection of audio files to the playlist.



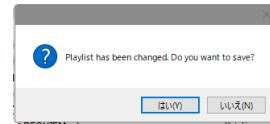
2. Select an appropriate location, enter a name, and click the "Save (S)" button after the "Save Playlist" dialog box is displayed. The playlist file will be stored in your selected location.

• Load the playlist

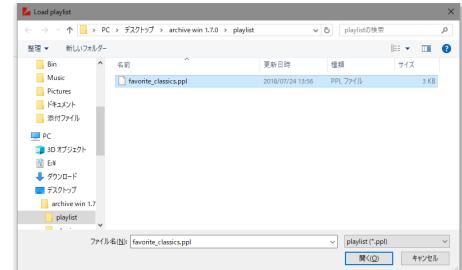
1. Select "Load playlist... (L)" from "File (F)" menu.



2. If audio files are registered in the current playlist, a dialog box will open to ask whether the current playlist should be stored as a playlist file as displayed.



3. If you wish to save the current playlist as a playlist file, click the "Yes (Y)" button. If not, click the "No (N)" button.
4. Select a desired playlist file from the location where playlist files (extension .ppl) are stored and click the "Open (O)" button after the "Load Playlist" dialog box appears. The selected playlist will be displayed on the player screen.



Operations <for Windows>

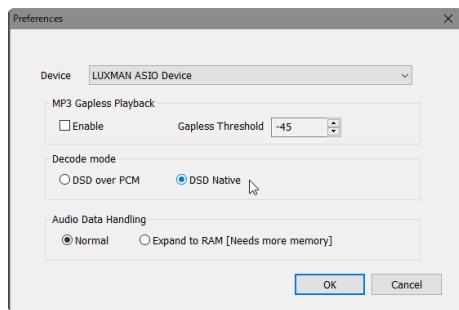
Setting for high quality audio playback

The "Configure (C)" menu cannot be selected during music playback. To select it, first stop playback and then select the menu.

• Select DSD file playback mode

For DSD audio file playback, two modes are available with the "LUXMAN Audio Player" for Windows.

1. Select "Device (D)" from the "Configure (C)" menu.
2. Click to select either of the playback modes, "DSD over PCM" or "DSD Native", in the "Decode mode" after the "Configure" dialog box appears.



[DSD over PCM]:

This mode is abbreviated to "DoP" and playback is achieved by embedding DSD data into a normal PCM formatted audio data stream.

[DSD Native]:

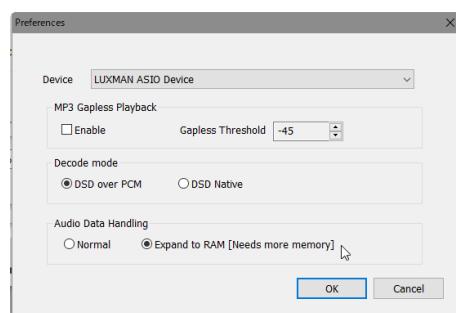
DSD formatted audio data is directly transferred without converting to PCM format by the ASIO 2.1 driver for a USB equipped LUXMAN D/A converter or CD/SACD player.

3. Click the "OK" button to confirm the setting; then the "Configure" dialog box will close.

• Select RAM expansion playback mode

You can select different ways to play back audio files. One way is to play them back directly from the PC storage on the hard disk or the like. Another way is to play back files after loading them into RAM (unit memory) in advance.

1. Select "Device (D)" from "Configure (C)" menu.
2. Click to select either of the playback modes, "Normal" or "Expand to RAM", in the "Audio Data Handling" after the "Configure" dialog box appears.



[Normal]:

Performs playback by reading an audio file similarly to normal audio file access.

[Expand to RAM]:

Performs playback after loading a selected file to be played back into RAM (unit memory) in advance. Because the file is not read from the storage during playback, the load on the CPU can be kept low; playback will be stable and maintain better audio quality.

When "Expand to RAM" is selected, it may take some time for file playback to begin, especially if the selected file is large or the processing speed of your PC is not so fast. Listeners who prefer not to wait for playback should select the "Normal" mode.

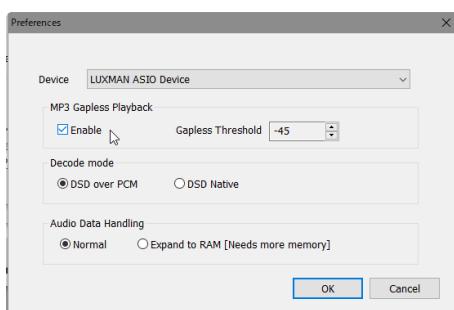
3. Click the "OK" button to confirm the configuration; the "Configure" dialog box will close.

Operations <for Windows>

• Select MP3 gapless playback mode

Regarding MP3 formatted music, when classical music, or live recordings without gaps between tracks or continuous mixed audio files are played back, playback may be interrupted momentarily as the tracks change over during playback. In normal mode, the playback of consecutive files with a shared sound volume level or lower may be interrupted.

1. Select "Device (D)" from the "Configure (C)" menu.
2. To configure MP3 gapless playback, use the up or down button to adjust the sound volume level of the "Gapless Threshold" in "MP3 Gapless Playback" and click to select "Enable" after the "Configure" dialog box is displayed.



[Enable]:

Activates MP3 gapless playback.

[Gapless Threshold]:

Specifies the sound volume level where playback skipping will occur (at that volume level or less).

The MP3 gapless playback mode functions only when MP3 formatted audio files are played back.

3. Click the "OK" button to confirm the settings, and the "Configure" dialog box will close.

Operations <for Mac>

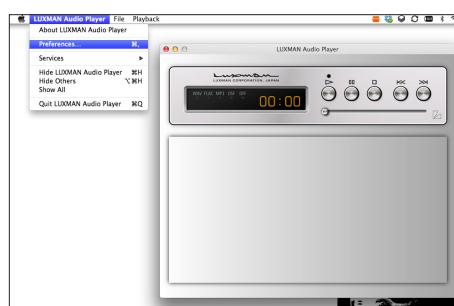
□ Software startup

The software is opened by double-clicking the "LUXMAN Audio Player" icon. The player interface will then be displayed.

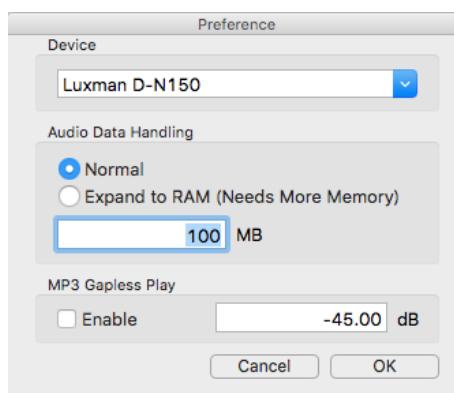
□ Device setting

When this software starts up for the first time after connecting to a compatible USB equipped D/A converter or CD/SACD player, the device settings should be performed as follows:

1. Select "Preferences..." from "LUXMAN Audio Player" in the menu bar.



2. Click the vertical arrow on the right of the "Device" menu to select the connected model when the "Preference" dialog box is displayed.



Example: If the connected product is the D-N150, select "Luxman D-N150" as the playback device.

The basic settings have been completed; the software is prepared for music playback.

For the input selection of the connected USB equipped D/A converter or CD/SACD player, select the "USB" position. Selecting the "USB" option on the connected, USB equipped D/A converter or CD/SACD player will complete the connection procedure.

The "Preferences..." menu cannot be selected during music playback. To select it, first stop playback and then select the menu.

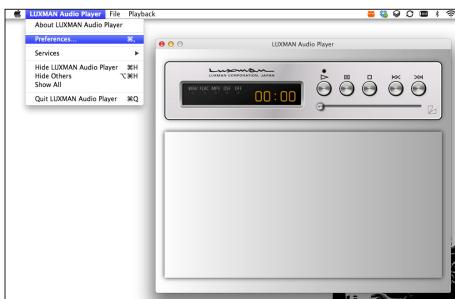
Operations <for Mac>

Setting for high quality audio playback

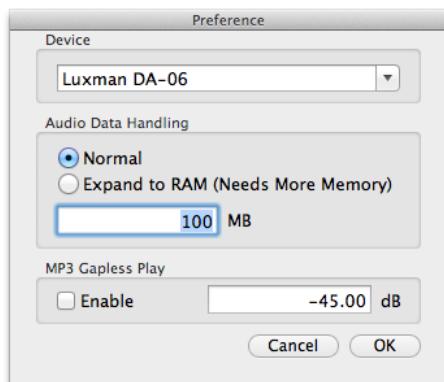
• Select RAM expansion playback mode

You can select different ways to play back audio files. One way is to play them back from your Mac storage such as the hard disk. Another way is to play files back after loading them into RAM (unit memory) in advance.

1. Select "Preferences..." from "LUXMAN Audio Player" in the menu bar.



2. Click to select either of the playback modes, "Normal" or "Expand to RAM", in "Audio Data Handling" after the "Preference" dialog box appears.



[Normal]:

Performs playback by reading an audio file similarly to normal audio file access.

[Expand to RAM]:

Performs playback after loading a selected file to be played back into RAM (unit memory) in advance. Because the file is not read from the Mac's storage media during playback, the load on the Mac's CPU can be kept low; playback will be stable and maintain better audio quality.

3. When "Expand to RAM" is selected, the maximum capacity of the memory to be used in RAM expansion mode for playback can be specified. Adjust the capacity setting to a value greater than the maximum file size of the audio files that you regularly play back.

When "Expand to RAM" is selected, it may take some time for file playback to begin, especially if the selected file is large or the processing of your Mac is not so fast. Listeners who prefer not to wait for playback should select the "Normal" mode.

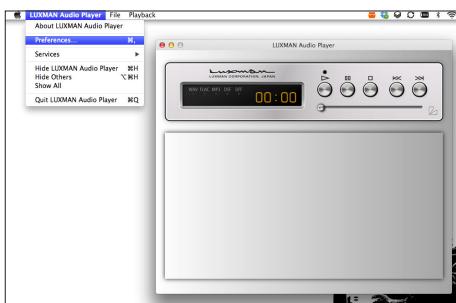
4. Click the "OK" button to confirm the configuration; the "Preference" dialog box will close.

Operations <for Mac>

• Select MP3 gapless playback mode

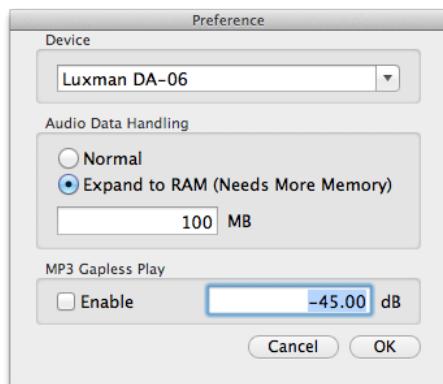
As to the MP3 format, when classic music or live recording without any gap between tracks and non-stop remix files are played back, sound may be interrupted for a moment at the track change during continuous playback of audio files. In this mode, playback with the specified sound volume level or lower can be skipped.

1. Select "Preferences..." from "LUXMAN Audio Player" in the menu bar.



3. Click the "OK" button to confirm the settings; the "Preference" dialog box will close.
4. Selecting the "USB" option on the connected, USB equipped D/A converter or CD/SACD player will complete the connection procedure.

2. To select MP3 gapless playback, use the keyboard to directly enter the sound volume level that will be the threshold for skipping during "MP3 Gapless Play" and then click "Enable" after "Preference" dialog box is displayed.



[Enable]:

Activates MP3 gapless playback.

["A number"] dB:

Specifies the sound volume level where playback skipping will occur (at the specified sound volume level or less).

MP3 gapless playback mode functions only when MP3 formatted audio files are selected for playback.

Operations <for Mac>

Setting for high quality audio playback

• Changing driver transmission mode

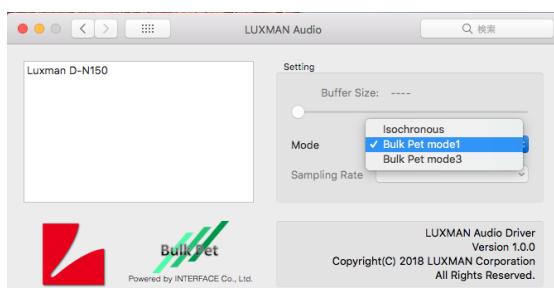
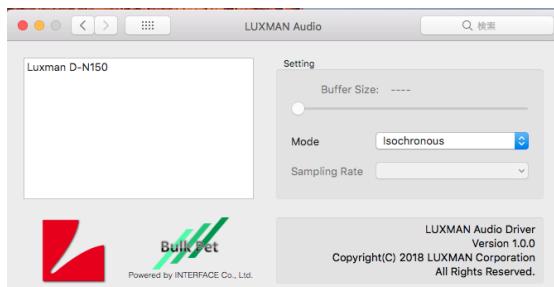
When using the D-N150 or D-03X, the transmission mode can be changed from Isochronous to Bulk Pet. Also, two types of transmission patterns are available for the D-N150 and four types of transmission patterns are available for the D-03X.

1. Click "LUXMAN Audio" from "System Preferences".



2. "LUXMAN Audio Player" will be displayed.

Select a transmission mode.



The buffer size cannot be changed with Mac.
