

# Transfer Utility LE

## Software Guide



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Import to the computer



Export music files



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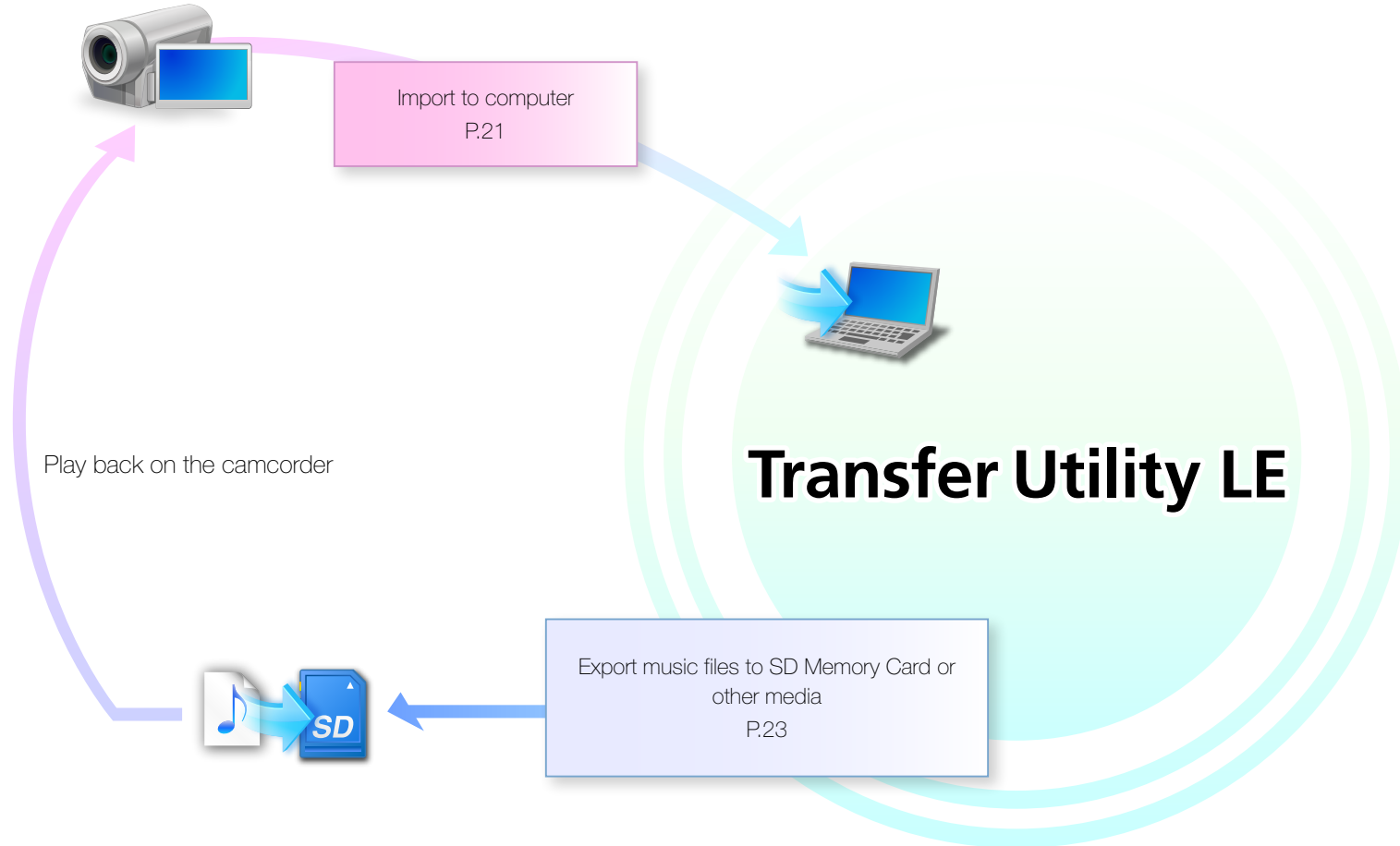
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# What you can do with Transfer Utility LE








With Transfer Utility LE, you can import videos recorded by the camcorder to the computer, and export music files to a SD Memory Card and play them back on the camcorder.




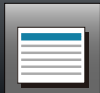
### ■ How to use this guide

- This guide does not mention basic operations of Windows Operating System/ Mac. Menu selection and window operations are based on general operation procedures of Windows Operating System/Mac.
- In this Guide, Windows and Mac computers are referred to as "computer" unless otherwise stated.
- In this Guide, SD Memory Card, SDHC Memory Card, and SDXC Memory Card are referred to as "SD Memory Card" unless otherwise stated.
- It is prohibited to reproduce the content of this guide, fully or partially, without notice.
- The content of this guide may be modified without notice.
- Please contact our User Support Center if you have any questions.
- Illustrations in this guide show screen captures of the software under development. They may be different from the actual software.
- Symbols used in this guide stand for the following meaning.

Symbol	Meaning
	Clicking this symbol returns to the top page.
	Clicking this symbol returns to the content page.
	This symbol indicates an important notice regarding the operation.
	This symbol indicates a useful hint for the operation.
	This symbol indicates a reference page relating to the topics.

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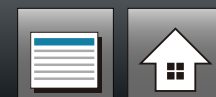
# Precautions

## ■ Notes for operation

- If recorded and/or edited content includes copyrighted works created by third parties, you are not allowed to use them without notice to the copyright owner except for personal use.
- Use an AC adapter to power a notebook computer.
- Use the compact power adapter to power the camcorder.
- Connect the camcorder and the computer directly with a USB cable. Operation using USB hubs is not guaranteed.
- Do not switch user accounts or put the computer to Sleep, Hibernate or Standby mode when the camcorder is connected and/or Transfer Utility LE is running. Disable the Power Options in advance if the computer is configured to automatically enter a power saving mode after a certain period of time.

## ■ Operating limitations

- Unicode is not supported in Transfer Utility LE. (Windows only)
- Even if video recordings are in a supported format, you may not be able to use them depending on the recording method.
- You cannot use Transfer Utility LE when connecting two or more camcorders to the computer.
- You cannot select the following locations as the destination to import files from the camcorder: system folders, Windows-only folders, folders without access right, optical drives, network drives, removable drives (floppy disk, SD Memory Card, and CF card), and the root directory such as C:\.
- The save destination in the Preferences must be within 150 bytes including the directory path. (Windows only)
- Refer to the following Web site for the latest information about operating limitations:  
<http://www.pixela.co.jp/oem/canon/e/>



# System requirements

Requirement	Windows		Mac
OS version (English)	Windows 7 Home Premium Windows 7 Professional Windows 7 Ultimate Windows 7 Enterprise  * Compatible with 32-bit and 64-bit. * XP mode is not supported. * SP1 must be installed. * When using a camcorder supporting PTP connection, Windows Media Feature Pack is required for Windows European and Korean version. (Download from Microsoft support Web site and complete installation)	Windows 8 / Windows 8.1 Windows 8 Pro / Windows 8.1 Pro Windows 8 Enterprise / Windows 8.1 Enterprise  * Compatible with 32-bit and 64-bit. * Available on Desktop mode only.	OS X v10.8 OS X v10.9 OS X v10.10
CPU	Intel Core or higher		Intel CPU
Memory	1 GB or more (32-bit) / 2 GB or more (64-bit)		2 GB or more
Free space in the hard disk to install software	20 MB or more		
Display	1024x768 pixels or higher		
Others	<ul style="list-style-type: none"> <li>● Standard USB 2.0 port</li> <li>● A card reader/writer that supports SD/SDHC/SDXC Memory Cards</li> <li>● Adobe Reader (to open the Software Guide -this document- on Windows)</li> </ul>		

\* One of the OS listed above must be pre-installed.

\* Operations on built-to-order computers are not supported.

\* To install and use this software, you must be authorized as an Administrator.

## Usable videos

### ■ Supported files

Transfer Utility LE can handle the following videos:

- Video files recorded with the CANON camcorders which are supported by Transfer Utility LE
- Music files (satisfies the conditions on P.24 )

### ■ Supported format

Article	Read	Export
Standard	AVCHD	WAV
File format	H.264 / AVCHD (.mts, .m2ts) WAVE (.wav, .wave) * For music files, use a file longer than 0.5 second and the quantization bit rate is 16bit.	Music file export: WAVE (.wav, .wave) files in linear PCM * To export a music file, the file must meet the conditions on P.24 .

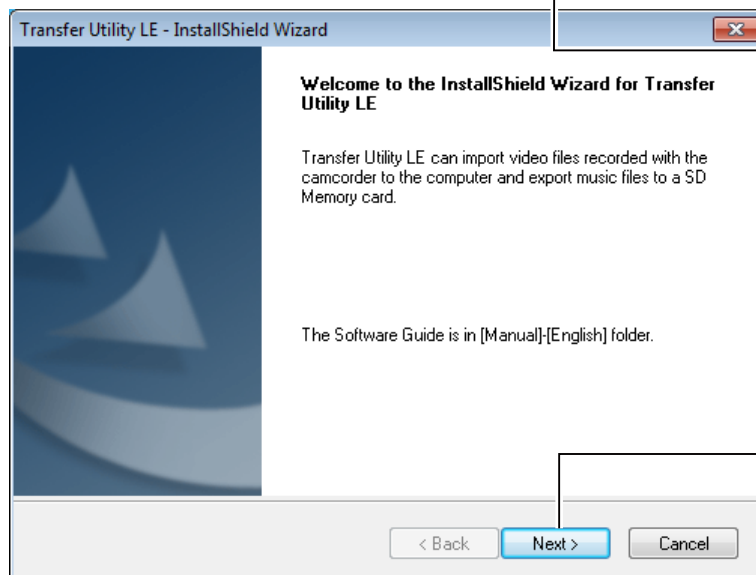
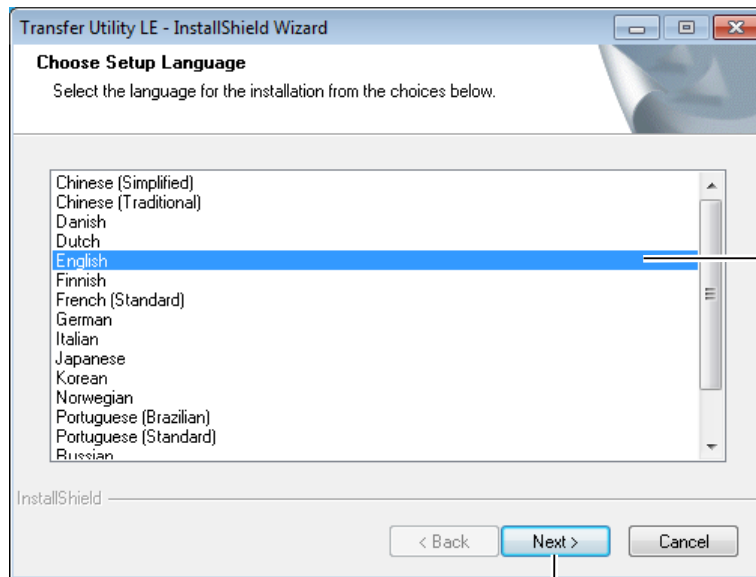




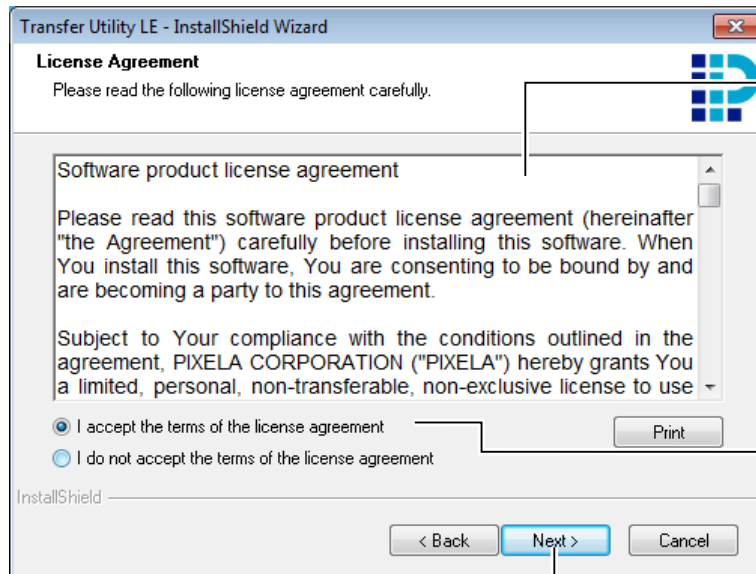
# Installation

Install Transfer Utility LE to your computer.

## Windows



- 1 Right-click the downloaded zip file, then select [Extract All...].
- 2 Execute the extraction after specifying the location in the window displayed.
- 3 Double-click [setup.exe] in the extracted folder.
- 4 Click [Yes] in the "User Account Control" window.  
➔ The installation screen will be displayed.
- 5 Select your language.
- 6 Click [Next].
- 7 Click [Next].

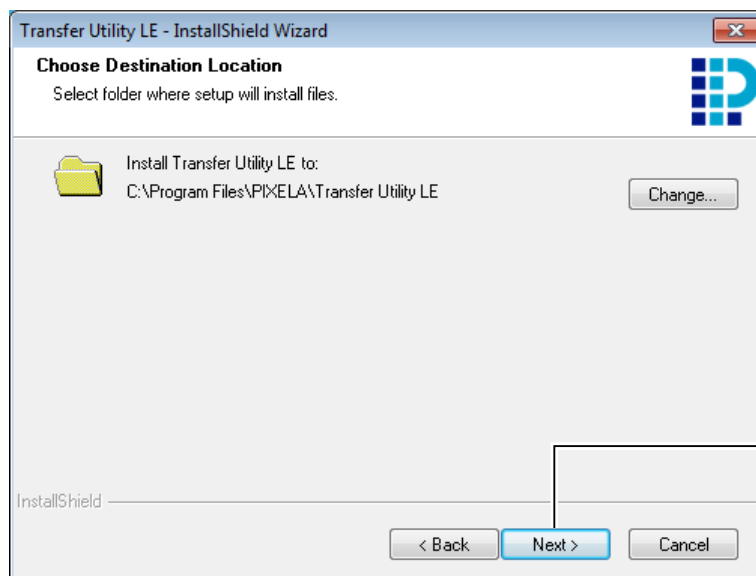


**8** Confirm the License Agreement.

**9** Click [I accept the terms of the license agreement] if you agree.

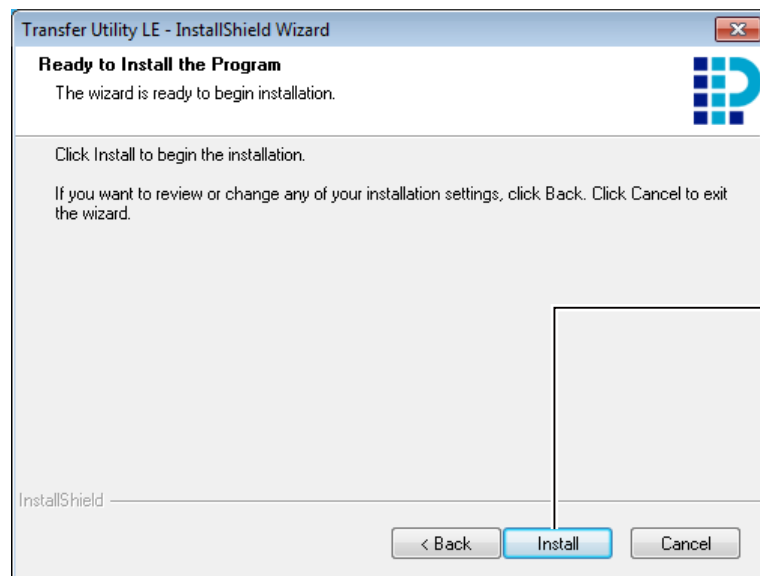
\* You may not be able to use this software unless you accept the agreement.

**10** Click [Next].

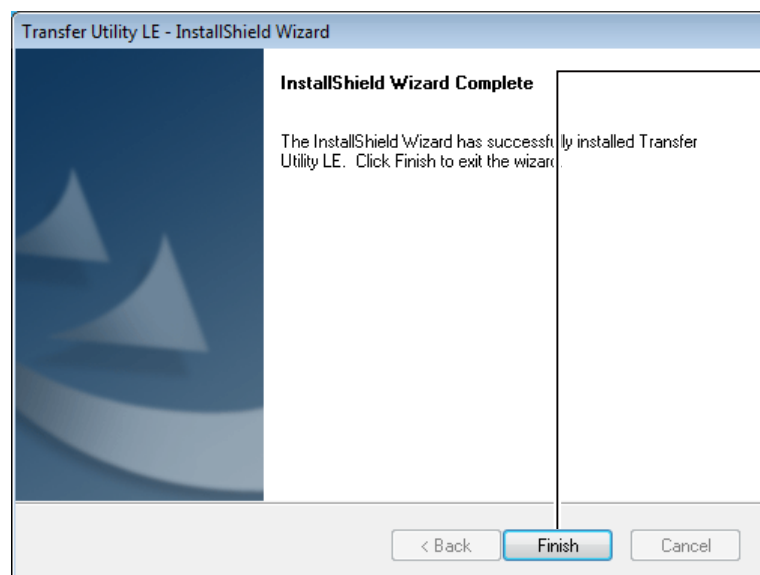


**11** Click [Next].

If you want to change the destination, click [Change... ] and specify the destination.



**12** Click [Install].



**13** Click [Finish].

➔ The installation of Transfer Utility LE is completed. The Software Guide (this document) is also installed and following shortcuts are placed on the Desktop.



Transfer Utility LE (software)



Transfer Utility LE Software Guide

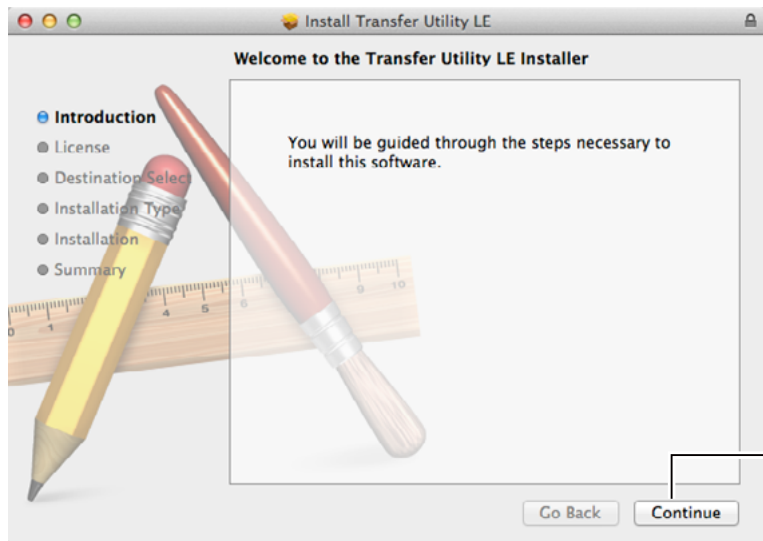


Transfer Utility LE Homepage



PIXELA Product Registration

## Mac

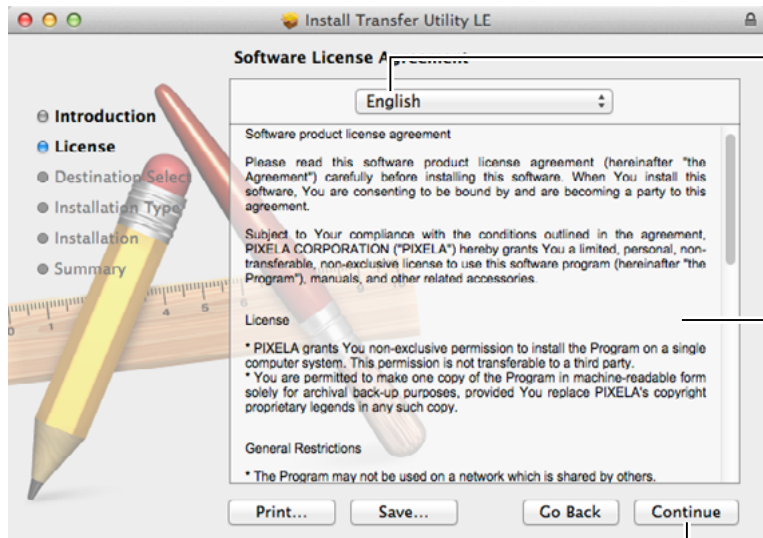


**1** Double-click the downloaded dmg file.

**2** Double-click  [Transfer Utility LE.pkg].

➔ The installation screen will be displayed.

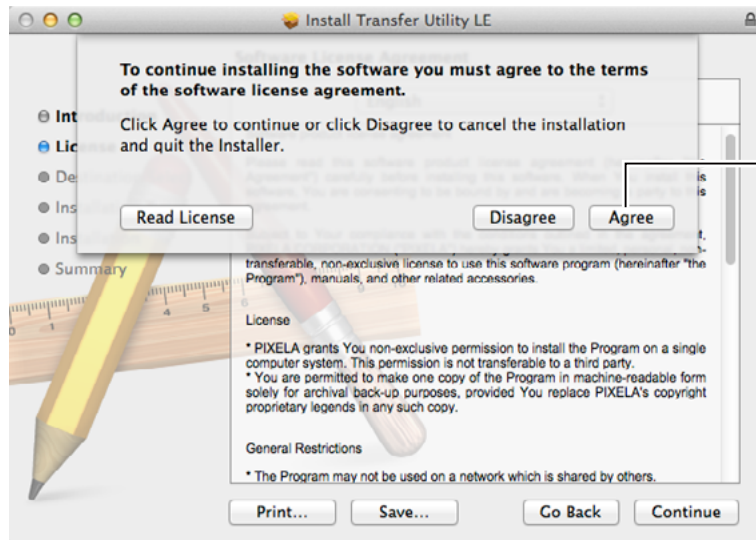
**3** Click [Continue].



**4** Select the language.

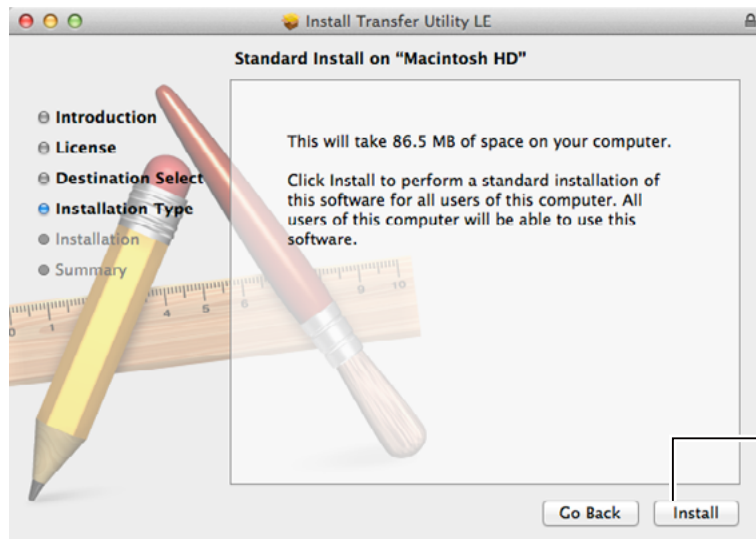
**5** Confirm the License Agreement.

**6** Click [Continue].



**7** Click [Agree].

\* You may not be able to use this software unless you accept the agreement.

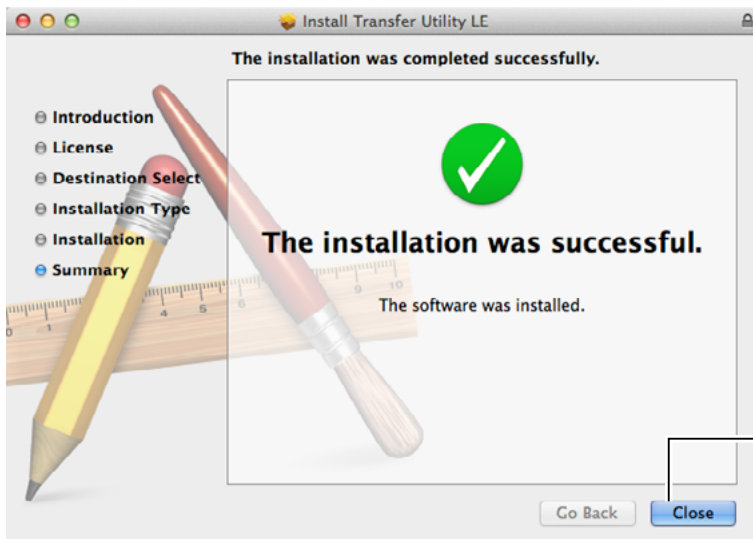


**8** Click [Install].



**9** Enter the password and click [Install Software].

➔ Installation will start.



**10** Click [Close].

➔ The installation of Transfer Utility LE is completed. The shortcut icon is placed in the Dock.

\* Though the screen will become blank in adding the icon to the Dock, it does not affect the installation.



# Connecting the camcorder/SD Memory Card

## Camcorder

For camcorder operation, refer to the instruction manual of the camcorder.

**1** Connect the camcorder to a wall outlet using the compact power adapter.

**2** Turn on the camcorder and set it to AVCHD movie playback mode.

\* You cannot import video files in MP4 movie/still image playback mode.

**3** Connect the camcorder and the computer with the USB cable supplied with the camcorder.

Connect directly to the computer. Operation using a USB hub is not guaranteed.

**4** Select [All (for PC only)] in the camcorder's LCD.

\* This step is not required with some camcorders.

➔ Start Transfer Utility LE. Refer to P.16 for how to start.



## SD Memory Card

**1** Connect a card reader/writer to the computer.

Use a card reader/writer which supports SD/SDHC/SDXC Memory Cards.

\* Refer to the instruction manual of the card reader/writer for how to connect.

**2** Insert SD Memory Card to the card reader/writer.



# Starting Transfer Utility LE

You can start Transfer Utility LE in the following ways.

\* You cannot use the functions of Transfer Utility LE when the camcorder or the device to import from is not connected. Refer to P.15 for how to connect the camcorder.

## Windows

### ■ Start from the shortcut icon.

Double-click the shortcut icon on the Desktop.



### ■ Start from the Start menu. (Windows 7)

Select the Start menu - [All Programs] - [PIXELA] - [Transfer Utility LE] - [Transfer Utility LE].

### ■ Search and start. (Windows 8 / Windows 8.1)

Search by "Transfer Utility LE" from [Search] charm in the Start screen, then double-click [Transfer Utility LE].

## Mac

### ■ Start from the shortcut icon in the Dock.

Click the icon in the Dock.



### ■ Start from the [Applications] folder.

Double-click [Transfer Utility LE] in the [Applications] folder.






# Disconnecting the camcorder

## Windows


**1** Click  in the task tray.

- \* If the icon is not found, click  to show the icon.
- \* Close all dialog boxes and setting screens before clicking the icon.

**2** Select [Eject CANON(X:)].

- \* The letter that appears as "(X:)" varies depending on the computer.
- \* If two or more "CANON(X:)" are displayed, perform the same operation to all "CANON(X:)"

**3** Disconnect the USB cable.

 **When using a camcorder which supports PTP connection**

The operation on the left is not needed. Disconnect the USB cable directly.

## Mac

**1** Disconnect the USB cable.

 **When disconnecting the camcorder...**

If the camcorder is disconnected from the computer while using Transfer Utility LE, video files in the camcorder may be damaged. Always follow the instructions when disconnecting the camcorder from the computer.



# Uninstallation

Transfer Utility LE from your computer. Exit Transfer Utility LE before uninstalling.

## Windows

You must be authorized as an Administrator to uninstall the software.

### ■ Windows 7

1. Click the Start menu.
2. Click [Control Panel].
3. Click [Uninstall a program].
4. Select [Transfer Utility LE] and click [Uninstall].
5. Click [Yes].
6. Click [OK].
7. Click [Finish].
8. Delete administrative files if necessary (see right).

### ■ Windows 8 / Windows 8.1

1. Click [Settings] charm in the Desktop screen.
2. Click [Control Panel].
3. Click [Uninstall a program].  
\* If not found, select [Large icons] or [Small icons] in the "View by" menu and click [Programs and Features].
4. Select [Transfer Utility LE] and click [Uninstall].
5. Click [Yes].
6. Click [OK].
7. Click [Finish].
8. Delete administrative files if necessary (see right).

### ! Deleting the files used in Transfer Utility LE

Also delete the administration files after the uninstallation procedures in the left column.

### ✎ What's administration files?

These files work for running software functions such as checking the difference of the files to be imported and creating the list to transfer music files.

Delete [Transfer Utility LE] folder in the following location:

C:\Users\{User account name}\My Documents

### 📖 How to open the destination P.29

If you want to delete imported video files and music files, delete them from their original file locations:



### 📖 Location of video files P.22

### 📖 Location of music files P.24



## Mac

You must be authorized as an Administrator to uninstall the software.

- 1 Delete  icon in the Dock.
- 2 Delete  [Transfer Utility LE] in the [Applications] folder.
- 3 Delete the files used in Transfer Utility LE.

Delete the files in the following locations:

Users/user name/Library/Preferences

- jp.co.pixela.Transfer-Utility-LE.plist

/private/var/db/receipts

- jp.co.pixela.Transfer-Utility-LE.bom

- jp.co.pixela.Transfer-Utility-LE.plist

\* "user name" varies depending on the log-on user.




### If [Library] and/or [private] folder is not found...

1. Select [Go to Folder...] in the Finder's [Go] menu.
2. Enter the following text and click [Go].

[Library] folder: ~/Library/Preferences

[private] folder: /private/var/db/receipts

If you want to delete imported video files and music files, delete them from their original file locations:

-  How to open the destination P.30
-  Location of video files P.22
-  Location of music files P.24

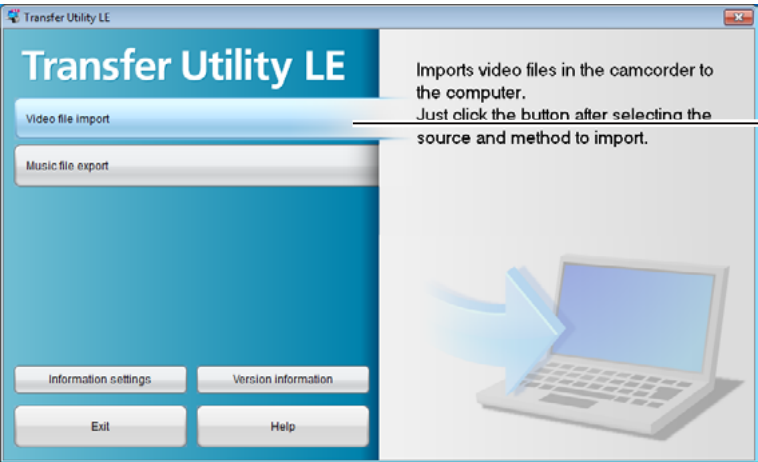
- 4 Restart Mac.



## Try Transfer Utility LE

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Import video files in the camcorder to the computer.



**1** Connect the camcorder or the device to import from with the computer.

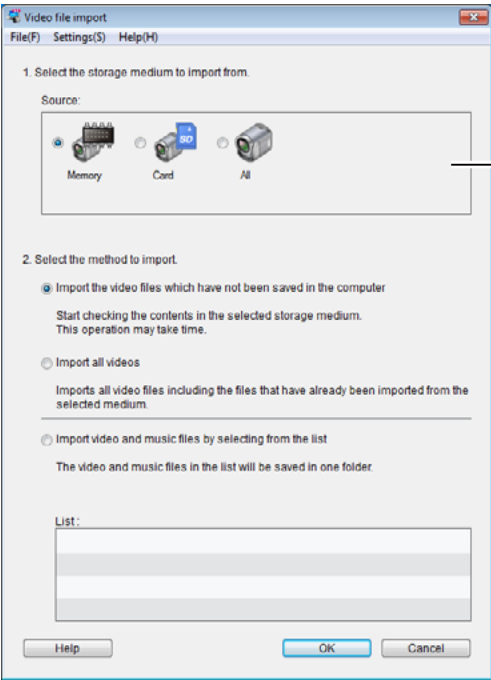
Refer to P.15 for how to connect.

**2** Start Transfer Utility LE.

Refer to P.16 for how to start.





➡ The start screen (left screen) will be displayed.

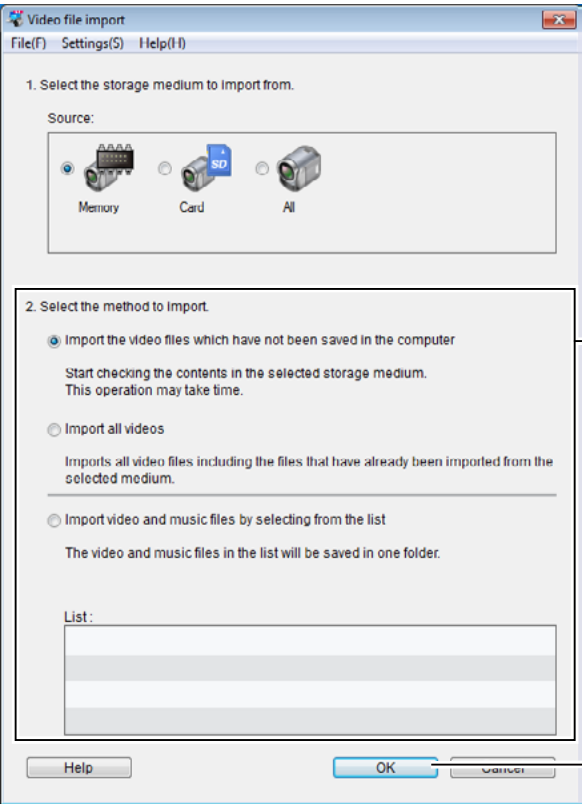
**3** Click [Video file import].



**4** Select the memory that contains the video files you want to import.

\* The icons will vary depending on the device connected.

Icon	Content
	The built-in memory of the camcorder.
	The SD Memory Card inserted in the camcorder.
	Both the built-in memory and SD Memory Card in the camcorder.
	A card reader/writer or other devices.



5 Select the method to import.

Method	Function
Import the video files which have not been saved in the computer	Imports the files which have not been imported to the computer yet.
Import all videos	Imports all files in the selected memory.
Import video and music files by selecting from the list	Imports video files included in the in the list that you created in the camcorder and music files. The groups with checkmark will be imported.

6 Click [OK].

➡ Importing will start.

\* Importing may take time if the number of files is large.

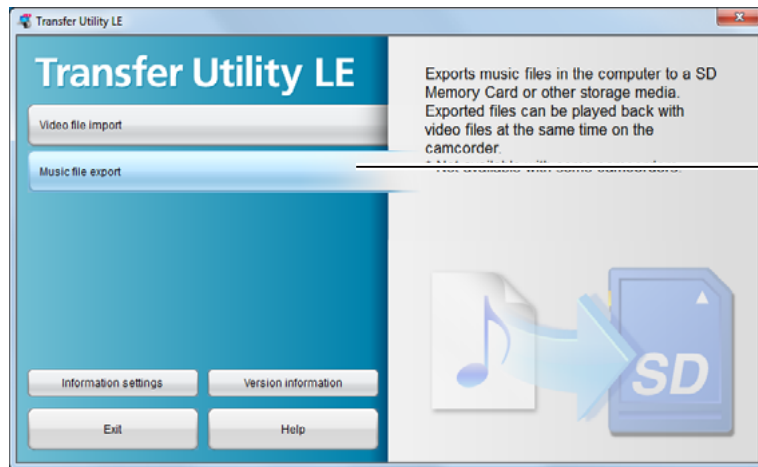
Imported video files will be saved in the following location (by default):

Windows
C:\Users\ (User account name) \My Videos\Transfer Utility LE * Files are saved in "My Documents" if "My Videos" does not exists.
Mac
Users/user name/Movies/Transfer Utility LE/ * Files are saved in "Documents" if "Movies" does not exists. * "user name" varies depending on the log-on user.

📖 Q&A about importing P.28

- 📖 How to open the destination (Windows) P.29
- 📖 How to open the destination (Mac) P.30
- 📖 Change the destination to save files P.28

You can export music files to the media such as a SD Memory Card and play back on the camcorder along with video files.



## 1 Connect the device to export to.

When exporting to a SD Memory Card by connecting card reader/writer...

- Make sure the card is not write-protected.

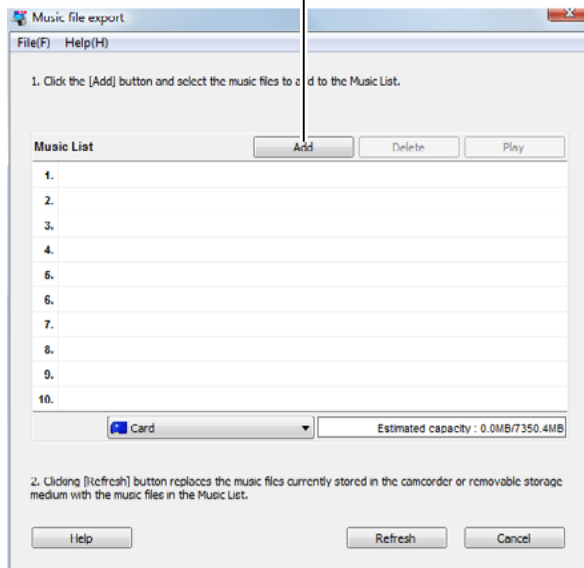
When exporting to built-in memory or SD Memory Card by connecting the camcorder...

- Always use the compact power adapter to power the camcorder. Make sure that the USB cable is correctly connected to the computer.
- Make sure the card is not write-protected.
  - \* You may not export files depending on the camcorder model.

## 2 Click [Music file export].



**3** Click [Add].

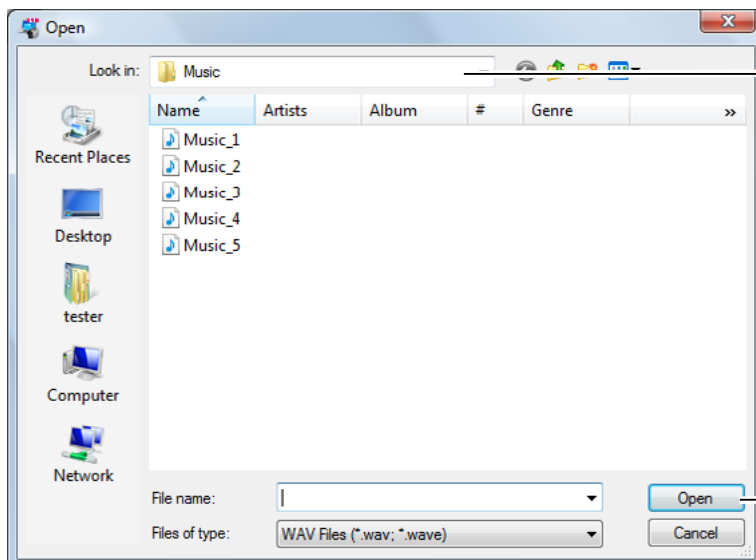


**4** Select music files.

- You can add up to 10 files.
- You can export files that meet the following conditions:

Article	Conditions
File format	WAVE (.wav, .wave) files in linear PCM
File size	Windows: Less than 1 GB Mac: Less than 100 MB
Channel	2ch
Quantization bit rate	16 bit
Sampling frequency	48 kHz or 44.1 kHz

**5** Click [Open].



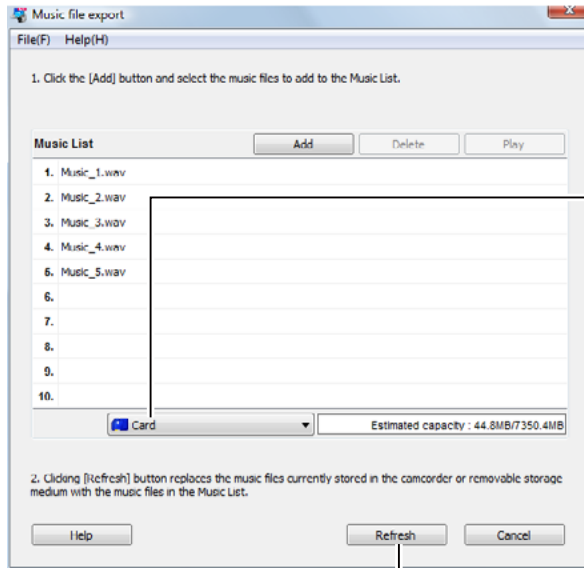
- ➔ Copies of the selected files are created in the following destination and added to the Music List.

Windows
C:\Users\User account name\My Music\Transfer Utility LE * Files are saved in "My Documents" if "My Music" does not exist.
Mac
Users/user name/Music/Transfer Utility LE/ * Files are saved in "Documents" if "Music" does not exist. * "user name" varies depending on the log-on user.

How to open the destination (Windows) P.29

How to open the destination (Mac) P.30





**6** Select the destination to export to.

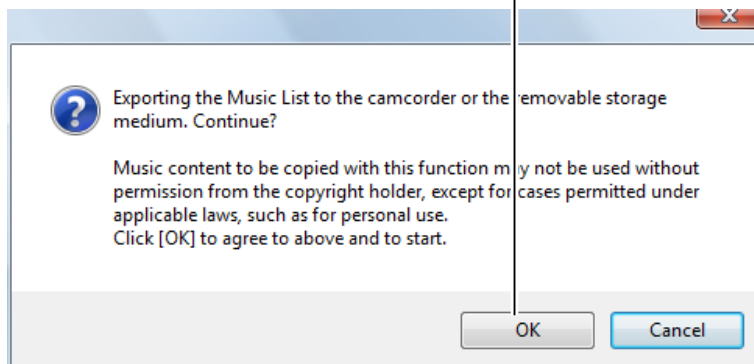
**!** When [Estimated capacity] bar turns red...

The value in the capacity bar turns red when the total size of the files to export exceeds the capacity of the selected destination. Reduce the total file size in the Music List. Select the files and click [Delete].

**7** Click [Refresh].

➔ A confirmation message will appear.

**8** Read the message and click [OK].



➔ Any music files in the destination will be replaced by the music files in the Music List.

- \* While exporting files, do not disconnect the device to which you are exporting. If the device is disconnected, files may not be exported completely and can become corrupted (unplayable).
- \* Even if you write-protect the music files exported to the camcorder or SD Memory Card, these files will be overwritten or deleted when the music files are newly exported by Transfer Utility LE.

#### Deleting the music file in the destination

Click [Refresh] while there are no music files in the Music List. The music files in the destination will be erased.



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## ■ Installation/starting

### ? I can't install Transfer Utility LE.

Transfer Utility LE can be installed to the computer that meets the system requirements on P.7 .

### ? A message regarding the compatibility of the program appears. (Windows)

This message appears if you use Windows 7 and cancel the installation in the halfway. Click [Cancel] when this message is displayed.

### ? Installation of Transfer Utility LE is impossible after selecting "Reinstall using recommended settings" in the Program Compatibility Assistant window. (Windows)

Installation cannot be executed because of an OS compatibility problem. Perform the following procedure:

1. Right-click [setup.exe] on the installation disc.
2. Select [Properties].
3. Click the [Compatibility] tab.
4. Uncheck "Run this program in compatibility mode for:".

\* If this option is inactive, click [Change settings for all users] and uncheck "Run this program in compatibility mode for:" in advance.

5. Install Transfer Utility LE again.

### ? I can't start Transfer Utility LE.

You must be authorized as an Administrator to use Transfer Utility LE.

### ? Transfer Utility LE does not work properly.

Exit Transfer Utility LE and restart the computer.

### ? My camcorder is not recognized by the computer.

Check the following:

- Have you turned on the camcorder?
- Is the camcorder powered using the compact power adapter?
- Is the USB cable connected to the computer properly?
- Is the camcorder switched to AVCHD movie playback mode?

Operate following procedures if the camcorder is still not recognized.

- Connect to another USB port of the computer.
- Disconnect the USB cable, then restart the computer and reconnect the camcorder with the computer following the correct procedure.
- Disconnect any USB devices other than the camcorder, keyboard, and mouse.
- If the camcorder is connected via a USB hub, connect the camcorder directly to the computer.
- If software is running in the background, exit them and connect the camcorder again.



## ■ Importing

### ? I want to change the destination to save the imported files.

You can change the destination by the following procedures:

1. Click [Video file import] in the starting screen.
2. Windows: Click [Preferences...] in the [Settings] menu.  
Mac: Click [Preferences...] in the [Transfer Utility LE] menu.
3. Click [Browse...] and specify the destination.

### ? Importing stops halfway.

Try another USB port of the computer. For desktop computers, try the USB port on the back.

### ? It takes a long time to import video from the camcorder to the computer.

- It takes a long time when importing many files in one batch or importing a large video file. When importing, close all software other than Transfer Utility LE.
- Processing speed may vary depending on your computer's configuration (for example, CPU performance and RAM), or on the content of the video.
- If software is running in the background, exit them before importing.
- Try another USB port of the computer. For desktop computers, try the USB port on the back.



## ■ Others

### ? I can't exit Transfer Utility LE.

Close all dialog boxes and setting screens before exiting.

### ? File extensions are not displayed. (Windows)

Follow the steps below to show file extensions.

[Windows 7]

1. Open any folder.
2. Click [Organize] - [Folder and search options] - [View] tab.
3. Uncheck [Hide extension for known file types].

[ Windows 8 / Windows 8.1 ]

1. Open any folder on Desktop.
2. Put a checkmark on [File name extensions] in the [View] menu.

### ? How to open the destination that begins with "C:\" ? (Windows)

"C:\" stands for the C drive in the computer. Open the window of the C drive and click the folders in it.

For example, if you open the following destination on Windows 7, follow the procedures below:

C:\Users\[User account name]\My Videos\Transfer Utility LE

#### 1. Click [Start] menu.

\* The [Start] menu is the button on the lower left of the screen, which is used when shutting down the computer.

\* When operating on Windows 8 / Windows 8.1, hold down the Windows logo key and press [E] key on the keyboard, then start from step 3.

#### 2. Click [Computer].

#### 3. Double-click [Local Disk (C:)].

#### 4. Double-click [Users] folder.

#### 5. Double-click the folder of your user account.

\* In general, the user account is the name displayed on the top of the window that appears when clicking the [Start] menu.

\* If the video files were imported by a different user, select the user account folder that imported the files.

#### 6. Double-click [My Videos] folder.

#### 7. Double-click [Transfer Utility LE] folder.



## ? Where is "Users" folder? (Mac)

"Users" folder is in Mac's hard disk drive.

For example, if you open the following destination, follow the procedures below:

Users/user name/Documents/Transfer Utility LE/

\* "user name" varies depending on the log-on user.

1. Click the [Go] menu in the Finder.
2. Click [Home]  
\* The folder of log-on user will be displayed.
3. Double-click [Documents] folder.
4. Double-click [Transfer Utility LE] folder.



Contact the following numbers for inquiries and questions about Transfer Utility LE.

## PIXELA CORPORATION User Support Center

### ■ USA and Canada

+1-800-458-4029 (toll-free)

Language: English

### ■ Europe (UK, Germany, France, and Spain)

+800-1532-4865 (toll-free)

Language: English, French

### ■ Other Countries in Europe

+44-1489-564-764

Language: English, French

### ■ Asia (Philippines)

+63-2-438-0090

Language: English

### ■ China

Refer to the following Web site:

***<http://www.pixela.co.jp/oem/canon/e/contact.html>***

## Web site

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