silex Media Transporter E model

User's Manual



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1. Introduction

Thank you for using the video content conversion software "silex Media Transporter E model" that is developed for Silex Technology's multicast distribution system products.

1-1. Introduction

This document describes how to use silex Media Transporter E model.

The following explanation uses the screens of Windows 10. If you are using another operating system version, the screen configuration and menu selection items may differ.

Disclaimers

- The unauthorized transfer or copying of the content of this manual, in whole or in part, without prior written consent is expressly prohibited by law.
- The content of this manual is subject to change without notice.
- This manual was prepared to accurately match the content of each OS, but the actual information shown on the computer monitor may differ from the content of this manual due to future OS version upgrades, modifications, and other changes.
- Although every effort was made to prepare this manual with the utmost accuracy, Silex Technology will not be held liable for any damages as a result of errors, setting examples, or other content.

Trademarks

- Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Other company names and product names contained in this manual are trademarks or registered trademarks of their respective companies.

1-2. Technical Terms in This Document

This section describes the technical terms used in this document.

Term	Description
Lavor	This is the area to show the content data on the screen of the display connected to the Silex
Layer	device. Only the single layer products support it.
Content data	Indicates the video and still image files to play with the Silex device.
Content	Defines the playlist of the content data to play in the layer.
Playlist	Defines the content data and the order for playback.
	This is the unit of data that is transferred to the Silex device and that contains the data
Package	structure including the content data and schedule definition data created by silex Media
	Transporter E model. Multiple packages can be created.
Schedule	Defines the broadcast date and time for playing the contents.
	This is a smallest unit of the management data for the schedule that can be handled by
Timeline	silex Media Transporter E model. Specify a time to the timeline and register the video data
	to play at that time.
Timetable	Defines the content playback schedule for a day.
Project	This is the combined data of all contents to manage with silex Media Transporter E model.
riojeci	Multiple files are saved per project folder.

1-3. Functional Overview

This section provides an overview of the functions of silex Media Transporter E model.

silex Media Transporter E model is the software that creates the contents and schedules to use for the Silex device. The following operations are available.

Conversion of content data

silex Media Transporter E model converts various content data to data formats that can be played by Silex devices. The following table shows the formats of content data that can be specified as conversion source files.

Content data type	Data format	
	Microsoft AVI format (.avi)	
Video	Windows Media Video format (.wmv)	
Video	MPEG-4 format (.m4v, .mp4, .mov) (*1)	
	PowerPoint slide format (.ppt, .pptx) (*2)	
	Microsoft Bitmap format (.bmp)	
Picture	Portable Network Graphic format (.png)	
Picture	Joint Photographic Experts Group format (.jpg, .jpe, .jpeg)	
	HTML format (.html, .htm) (*3)	

*1: .mov files must be encoded in the MPEG-4 format.

*2: Only available for the environments where Microsoft PowerPoint 2010 or newer is installed.

*3: When using a Web page, you can specify the page by its files as well as its URL.

- For details on how to convert content data, see 4-3. Creating Contents.



- For silex Media Transporter E model and firmware of the Silex devices, be sure to use the latest version that you can download from our website (<u>https://www.silextechnology.com/</u>).
- If the firmware version of the Silex device is not the latest one, the created data may not operate correctly.
- If the Web page uses a script or plug-in, it may not be captured correctly.

Content playback scheduling

The playback time for the contents can be registered or managed in 5 minute increments. The playback schedule is managed by a unit of "Package" that consists of multiple playback patterns including the regular playback schedules and the irregular playback schedules (in which the date or the day of the week is specified).

- For details on the content playback scheduling, see 4-4. Creating Package.

Data distribution to Silex devices

When the Silex device and the PC (on which silex Media Transporter E model is operating) are connected to the same network, the package data can be transferred via the network. (*1)

Also, a USB thumb drive can be used to read the package data from the PC, and play and transfer the data by inserting it into the Silex device. (*2)

(*1) A storage media needs to be connected to the Silex device. For details, see the operating manual of that device. (*2) For the detailed operation of the Silex device after a USB thumb drive is inserted, see the operating manual of that device.

- For details on data distribution to the Silex device, see 4-5. Transferring Package to Silex Device.

- silex Media Transporter E model supports MV-500R/MV-500T only.
- To convert and distribute content data using silex Media Transporter E model, you need in principle to
 obtain the permission of the copyright holders. Unauthorized distribution of other people's copyrighted
 material (content) is prohibited by law.
- silex Media Transporter E model synchronizes the clock of Silex devices with the time set on the PC. Set the correct time on the PC running silex Media Transporter E model.

ΤΙΡ

2. Software Installation

This chapter describes the operating environment for silex Media Transporter E model and the installation procedure.

2-1. Operating Environment

Operating environment for silex Media Transporter E model

ltem	Description
	Microsoft Windows 7 SP1 (32/64bit)
05	Microsoft Windows 8 (32/64bit)
03	Microsoft Windows 8.1 (32/64bit)
	Microsoft Windows 10 (32/64bit)
Languages	English
	Japanese
	Microsoft .NET Framework 4.5.2 or higher, and the compatible language pack
Necessary components	Microsoft Visual C++ 2013 Runtime (x86 package)
Silex devices	MV-500R (receiver), MV-500T (transmitter)
Max. no. of devices	3000



- Windows 8.1 runs silex Media Transporter E model as a classic desktop application.
- Windows RT is not supported.
- For the Microsoft .NET Framework language pack, install the same version as the Microsoft .NET Framework.
- For Visual C++ 2013 Runtime, use x86 package. Even if x64 package has been installed to 64bit OS, it needs to be installed separately.
- For MV-500T, only the time synchronization function can be used.
- To use the PowerPoint file conversion function, Microsoft PowerPoint 2010 (32bit) is required.

Recommended hardware configuration:

- Multi-core CPU with 2GHz or higher clock speed
- RAM: 2GB or higher
- Screen resolution: 1280x768 or higher
- The font size setting of the display should be 100%.
- Free disk space: 10GB or more (*)



• For a drive that contains the project files created with silex Media Transporter E model, 10GB or more of free disk space is required to save the content files.

2-2. Installing silex Media Transporter E model

Start the installer to install silex Media Transporter E model.

1. On a computer where you want to install silex Media Transporter E model, double-click "silexMediaTransporterEmodel-x.x.x-en.exe" for silex Media Transporter E model.



silexMediaTranspo rterEmodel-x.x.x-e n.exe



- "x.x.x" of the file name indicates the software version.
- When the User Account Control is enabled, launching the installer opens the User Account Control dialog box (The appearance of the window differs depending on the OS). After the widow opens, click **Continue** or **Yes**.
- If the necessary components are not installed, download and install them from the Microsoft's Download Center. When the installation screen appears, follow the instructions on the screen.

📚 silex Media Transporter E model Setup	×
The following components will be installed on your machine:	
Visual C++ 2013 Runtime Libraries (x86)	
Do you wish to install these components?	
If you choose Cancel, setup will exit.	
Install <u>C</u> ancel	

- If the download fails, try to use another network connection or create a media for installation so that you can install without a network connection.
- If you are prompted to restart the PC for the installation of necessary components, follow the instructions on the screen. After the restart, double-click "silexMediaTransporterEmodel-x.x.x-en.exe" to install silex Media Transporter E model. (Even if an error occurs after the restart, continue the installation.)



• Use x86 package file even for 64bit OS when you install Visual C++ 2013 Runtime from a file without the Internet connection.

2. The welcome window appears. Click **Next**.



3. The software license agreement window appears.

Confirm the agreement.

If you accept the terms, check I Agree, then click Next.

If you do not agree, check I Do not Agree, then click Cancel.

艨 silex Media Transporter E model			_		×
License Agreement					
Please take a moment to read the licens Agree", then "Next". Otherwise click "Ca	e agreement now. If ancel''.	you accept the	terms b	elow, clic	k ''I
silex Media Software	Transport License A	er E mo greemer	del it		^
PLEASE READ THIS A USING THE SOFTWAR	GREEMENT E.	CAREFUI	TA I	BEFOI	Æ
This silex Media Transport	ter E model So	ftware Licer	nse A	greeme	ent 🗸
● I <u>D</u> o Not Agree	◯ I <u>A</u> gree				
	Cancel	< <u>B</u> ack		Next	>

4. The installation folder selection window appears. Click **Next**.

👹 silex Media Transporter E model			_		×
Select Installation Folde	r				
The installer will install silex Media Transp	orter E model to the fo	llowing folder			
To install in this folder, click "Next". To in:	stall to a different folde	er, enter it bel	ow or cl	lick ''Brov	vse".
<u>F</u> older: C∖Program Files (x86)∖silex techno	llogy∖silex Media Tr	ansporte	<u>[</u>	B <u>r</u> owse Lisk Cost.	
Install silex Media Transporter E mo computer:	del for yourself, or	for anyone 🛛	iho use	s this	
Everyone					
⊖ Just <u>m</u> e					
	Cancel	< <u>B</u> ack		<u>N</u> ex	t>

Name	Description
[Browse] button	Specify the destination folder for installation.
[Disk Cost] button	Show the available drive and disk space.
Everyone	If checked, the software can be used by all users on the PC.
Just me	If checked, the software can only be used by the current user on the PC.

• The default installation folder is "C:\Program Files\silex technology\silex Media Transporter E model".



5. The installation confirmation window appears. Click **Next**.



6. The installation begins.



7. The installation completion window appears. Click **Close**.



2-3. Starting/Finishing silex Media Transporter E model

How to start silex Media Transporter E model

1. From the start menu, click **silex Tools** - **silex Media Transporter E model**.





• For Windows 7

Click Start -(All) Programs - silex Tools - silex Media Transporter E model.

For Windows 8

Right-click on the start screen, click **All apps** from the app bar and select **silex Tools** -**silex Media Transporter E model**.

- For Windows 8.1
 Click the arrow button at the bottom left of the start screen and select silex Tools silex Media Transporter
 E model.
- When the Windows Security Alert screen appears, click Allow access.



2. silex Media Transporter E model starts and the projection creation screen appears.



How to finish silex Media Transporter E model

Click the [x] (close) button at the top right of the screen to exit silex Media Transporter E model.



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3. Screens and Menu Options

This chapter describes the screens and menu options of silex Media Transporter E model.

3-1. Projection Creation Screen

This is the screen to create a new project file and re-edit an existing file.



Pane	Name	Details
A	[New] button	Create a new project file.
В	[Open] button	Open the existing project file.
С	Recently-used projects	 Shows the file path of the recently-used project (up to 5 paths are displayed). It is possible to select and open an existing project file from the list of recently-used projects. To delete an existing project file from the list of recently-used projects, right-click it and click Delete history from the displayed menu.

3-2. Content Selection Screen

This screen registers the content data and the playback order to the layer, and converts it to a data format that can be played on the Silex devices.

Main screen (when the library is displayed after clicking Show Library)

🐚 project_010.mtep - silex Media Transporter E mo	lei	- 🗆 X
silex Media Transpo	orter E model	k 🔏 🗸
Create Project Select Contents Sch Sei	adule Transfer ting Transfer	
ontent List New	A Hide Library	
01_contents_010	All Video Picture Picture Scroll Web Page PowerPoint	Add 💌
01_contents_020	Playback Time Decetor	Delete
01_contents_030	movie_02m4v 00.0956 C\User\silex\Documents\Contents(movie)\movi.	
01_contentd_040	B	
A	Layer1	Add 🔻
	Sequence File Name Playback Time Status ☐ 001 movie_01m4v 00:0956 Conversion completed	Delate
	002 movie_02m4v 00:0856 Conversion completed	Move Un
		Move Down
		Property
	(C)	Preview a <u>F</u> ile
Preview Rename Delete		Saye

Main screen (when the library is hidden)



Pane	Name
A	Content List
В	Library
C	Playlist
D	Status information

3-3. Schedule Setting Screen



This is the screen to edit the content data to play on the specified date and time.

Pane	Name
A	Package List
В	List of Broadcast Date Models
С	Calendar
D	Schedule Setting

By clicking the **Export** button, the content data can be saved to the PC or the storage media connected to the PC.

3-4. Transfer Screen



This screen distributes the created content data to the Silex device in units of package.

Pane	Name
A	Device list

It is possible to specify a time for data distribution to the Silex device.

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4. Creating Contents

This chapter describes the procedure for creating a new project using Silex Media Transporter E model, and for playing the created content data on the displays connected to the Silex devices.

4-1. Operation Flow

The following describes the operation flow from creating a project file to playing the content data on the display connected to the Silex device.

See each section below for the detailed explanation of each operation.

1. Create a new project file using the project creation screen. (For the detailed explanation, see **4-2. Creating Project**.)



2. Create the content using the content selection screen.(For the detailed explanation, see 4-3. Creating Contents.)



3. Create a package (minute schedule) using the schedule setting screen. (For the detailed explanation, see **4-4. Creating Package**.)



4. Transfer the package to the Silex device using the transfer screen.(For the detailed explanation, see 4-5. Transferring Package to Silex Device.)

4-2. Creating Project

This following describes how to create a new project and open an existing project.

Creating a new project

1. Start silex Media Transporter E model.



Ly~

TIP

For how to start silex Media Transporter E model, refer to 2-3. Starting/Finishing silex Media Transporter E model.

2. The project creation screen appears. Click **New**.

🍓 silex Media Transporter E model	-	. ×
silex Media Transporter E model	Q. Setting_	2
Create Project Solect Contents Solection Transfer		
How The current adds will be discarded and andrer edit will begin for a new project. Box.		
Open The edit of the created project will begin.		

 When the file conversion is in progress, the confirmation message for conversion cancel appears. To cancel the conversion, click **OK**. To continue the conversion, click **Cancel**. **3.** The screen for creating a new project is displayed.

Specify where to save the project and the project name, and click **OK**.

reate a	new project			
<u>W</u> here to C:\Users	save the project s\silex\Documents	Browse		
Project N new proj	lame ject			
		OK Cancel		
10	Specify a drive with enough (disk space.		
\sim	The following characters can	not be used for the pro	ject name.	
tə !D	• The following characters can	not be used for the pro		



- Click Browse to change where to save the project.
- **4.** The content selection screen for the specified project appears.

🍓 new project.mtep - silex Media Transporter E model	-	• ×
silex Media Transporter E model	🔯 Setting_	Relp
Create Project Select Contents Transfer		
Content List New. Show Library		
Preview_ Rename Dglate		Sage

 The created project file is saved to a location specified at Where to save the project. The folder name and the file name will be the same as Project Name. The file extension is ".mtep".



Note

Opening an existing project

1. Start silex Media Transporter E model.



Note

• For how to start silex Media Transporter E model, refer to 2-3. Starting/Finishing silex Media Transporter E model.

2. The project creation screen appears. Click **Open**.

🗃 new project meter - silee Media Transporter E model silex Media Transporter E model	_ Žetting_	□ ×
Create Project Select Contents Transfer Image: Im	Setting_	169
Recently used projects C4 denotification Documented Project, 550 mes, project, 550 metes C4 denotificationsmented Project, 550 mes, project, 150 metes C4 denotification Documented Project, 2020 mes project, 150 mete C4 denotification Documented Project, 2020 mes project, 150 mete C4 denotification Documented Project, 2020 mes project, 150 mete C4 denotification Documented Project, 2020 mes project, 150 mete		
• It is also possible to open a project by	selecti	ng it f

It is also possible to open a project by selecting it from the list of recently-used projects. If you open the project this way, go on to the step 4.
When the file conversion is in progress, the confirmation message for conversion cancel appears.

To cancel the conversion, click **OK**.

- To continue the conversion, click **Cancel**.
- The dialog to select a folder for the project is displayed. Select the folder created at Creating a New Project, select the project (file with an extension ".mtep") and click Open.

🔞 Open			×		
← → ~ ↑ 📕 > ™	← → × ↑ 📴 > This PC > Documents > project_010 v 🖏 🔎 Search project_010				
Organize 👻 New fold	er		E 🔹 🔟 🔞		
* Quick access OneDrive - Personal This PC Network	Nime ^	Date modified 2021/12/13/19:06	Type Sze silec Media Tanış 1 k8		
File <u>p</u>	ame:	~	silex Media Transporter E mode V Qpen Cancel		

4. The content selection screen for the selected project appears.

🔞 project_010.mtep - silex Media Transporter E mode	I	- 🗆 X
silex Media Transpo	rter E model	🐲 🛃 - Setting_ Help
Create Project Select Contents Sett	fule Transfer ng	
Gontent List New	Show Ligrary Layer1	
(1)_contents_314	Segamo T/k Nors ■ 1 + Nors	Add
Preview. Rename Dglete		Saye
Resolution1920x1080 Horizontal [1920x1080 Keep aspe	t ratio Video/Picture Scroll/PowerPoint/Picture/Web Page]	

4-3. Creating Contents

The following describes how to use the content selection screen to register content data to a layer and convert it to a data format that can be played on the Silex device.

Convertible content data format

silex Media Transporter E model can convert the following data formats.

Content data type	Data format
Video	Microsoft AVI format (.avi) Windows Media Video format (.wmv) MPEG-4 format (.m4v, .mp4, .mov) (*1) PowerPoint slide format (.ppt, .pptx) (*2)
Picture	Microsoft Bitmap format (.bmp) Portable Network Graphic format (.png) Joint Photographic Experts Group format (.jpg, .jpe, .jpeg) HTML format (.html, .htm) (*3)

*1: .mov files must be encoded in the MPEG-4 format.

- *2: Only available for the environments where Microsoft PowerPoint 2010 or newer is installed.
- *3: When using a Web page, you can specify the page by its files as well as its URL.



- Files with DRM (Digital Restriction Management) or copyright protection are not supported.
- Convertible video and audio files are those that are playable on Media Player and that are not protected by DRM.
- The video frame rate range is 1 fps to 30 fps.
- The following formats are available for both audio files and sound contained in video files.

Format	Single-layer / Multi-layer products
Sampling rate	32kHz, 44.1kHz, 48kHz
Sampling bit rate	16 bits
The number of channels	1 (monaural)
The number of channels	2 (stereo)

If you try to convert a file not satisfying the requirements mentioned above, an error message appears. For details on error messages, see **6. Status Message List**.

Creating a new content

- **1.** Click the **Select Contents** tab.
- 2. The content selection screen appears. Click New.





• The content can also be created by right-clicking on the content list and selecting New.



3. The content creation dialog is displayed. Select Resolution, Direction, and the resize

method (Keep aspect ratio or Full screen), and click OK.

Create a new content	
Resolution: Full-HD(1920x1080)	Direction: Horizontal
	OK Cancel

• For a vertical content display, select **Vertical** for the screen direction.

- Select Vertical - turn right for a right-rotate screen.

Note - Select **Vertical - turn left** for a left-rotate screen.

Name	Details	Setting	Default
Layout setting	Specify the layer.	Only a single layer is supported.	Single-layer
Resolution	Set the output resolution for the	• Full-HD(1920x1080)	Full-HD(1920x1080)
	contents.	• 720p(1280x720)	
Direction	Set the orientation for the	• Horizontal	Horizontal
	content output.	 Vertical - turn right 	
		• Vertical - turn left	
Resize method	Set the resize method for the	 Keep aspect ratio 	Keep aspect ratio
	output.	• Full screen	

4. A new content is added to the content list. Enter the name and press ENTER.

🐞 project_010.mtep - silex Media Transporter E mode	:1		- 🗆 X
silex Media Transpo	🐲 📔 🗸 Setting_ Help		
Create Project Select Contents Sett	dule Transfer ing		
Content List New.	Show Ligrary Laver1		
	Searce File Name	Ployback, Time Statua	Add • Dokin Hove Ib Move Degn Program. Program. Process a Elis.
Preview Renage Dglete			Saye
Resolution1920:1080 Horizontal [1920:1080 Keep aspe	ct ratio Video/Picture Scroll/PowerPoint/Picture/	Veb Page]	

When changing the name of registered content:

Select the content to rename from the content list, and click **Rename**.

When deleting the registered content:

Select the content to delete from the content list and click **Delete**.



• Up to 500 contents can be created.

Note

Registering content data and converting it to a playable data format

Adding video files and still image files

1. Select the content to edit from the content list.



2. Follow one of the following methods to add the content file to the playlist.

Method 1

1) Click Add and select File ... from the context menu.


2) Select the content file to convert and click **Open**.

🔞 Open				×
	s PC > Documents > C	ontents(movie)	v ð P	Search Contents(movie)
Organize 👻 New folde	r			III 🕶 🔟 👔
1 Quint annua	Name	Date	Type	Size Length
Conce access	🖬 movie_01.m4v	2017/08/24 19:39	M4V File	154,781 KB 00:09:56
📥 OneDrive - Personal	🖬 movie_02.m4v	2017/08/24 19:39	M4V File	154,781 KB 00.09.56
This DC	🧧 movie_03.m4v	2017/08/24 19:39	M4V File	154,781 KB 00:09:56
- mo •v	🔟 movie_04 .m4v	2017/08/24 19:39	M4V File	154,781 K8 00.09.56
🥏 Network	🖬 movie_05.m4v	2017/08/24 19:39	M4V File	154,781 KB 00.09.56
	<			,
File pa	me: movie 01 mby			Compatible Files (* avir*varr. 🗸
THE D				Open Cancel

Method 2

From the folder where the content file is saved, drag and drop the content file to the playlist.

Method 3

When the content file is registered, it will also be registered to the library.

Click **Show Library** to show the library.

🚯 project_010.mtep - silex Media Transporter E mod	el	- 0	×
silex Media Transpo	orter E model	k 🔽 ne. Help	-
Create Project Select Contents Sche	dule Transfer bng T		
Content List New.	Hide Library All Video Picture Scroll Web Page PowerPoint		
01_contents_010	File Name Playback Time Location	Add Dejete	٣
01_contents_030	C Uber/de/Doomet/Context_		
	Add to Playlist		
	Sogance File Name Ployback Time Status	Add Delete Move Lijo Move Dogn Property Preview a Eile	▼
Preview. Rename Dglete		Saye	
Resolution1920x1080 Horizontal [1920x1080 Keep aspr	ct ratio Video/Picture Scroll/PowerPoint/Picture/Web Page] File co	inversion is comple	rted.

The content file can be registered to the playlist by the following methods.

- Select the content file from the library and click **Add to Playlist**.
- From the library, drag and drop the content file to the layer.

3. The selected content file is displayed in the playlist.

🐌 project_010.mtep - silex Media Transporter E mo	del	- 🗆 X
silex Media Transpo	orter E model	🔹 🔏 🗸
Create Project Select Contents Sch	edule Transfer tting T	
Qontent List <u>N</u> ew	Show Ligrary	
A STOCKAGE STOC	Solamce File Name Ployback Time Datus 101. mode.01.mkv 000356 Nat converted	Add v Dologi Non Dan Mon Dan Preven a Elic.
Preview Rename Dglete		Saye

[Preview a File] button

Select the content file that you have added, and click **Preview a File** to show the preview.

• Video file

Plays the video file using Windows Media Player.

• Still image file

Displays the still image file in PictureBox.

[Property] button

Select the content file that you have added, and click **Property** to show the properties.

[Move Up] button / [Move Down] button

Select the content file that you have added, and click **Move Up** or **Move Down** to change the order of the selected content files.

[Delete] button

Select the content file that you have added, and click **Delete** to delete it.

4. Repeat the steps **2-3** to register the content file.

When the registration is completed, click **Save**. The data conversion will begin and the registered content file will be converted to a format that can be played by the Silex device.

🔞 project_010.mtep - silex Media Transporter E mod	el	- 🗆 🗙
silex Media Transpo	orter E model	🔯 🛃 - Setting. Help
Create Project Select Contents Set	dule Transfer ing Transfer	
Content List New	Show Library Layer1	
	Scentrer Få Nane Pisjobet Tere Skats ■101 novel, 13.hefv 000555 Not converted ■02 novel, 12.hefv 000555 Not converted ■031 novel, 13.hefv 000555 Not converted 000555 Not converted	Add ▼ Design Move By Move Dagn Program. Providence Elle.
Preview_ Renage Dglete		Saye
Resolution1920:1000 Horizontal [1920:1080 Keep aspe	ct ratio Video/Picture Scroll/PowerPoint/Picture/Web Page]	



- Up to 1000 content files can be registered.
- The progress of data conversion is displayed at the bottom right of silex Media Transporter E model.
- If **Enable background conversion** is not checked on the conversion setting, conversion will run when the transfer is started. For details on the conversion setting, refer to **5-2. Setting Change**.

Adding still image files for scrolling

1. Select the content to edit from the content list.

🛐 project: 010 mten - silex Media Transporter E rood	*	- n ×
projection and provide a manipulation of the		<u>م</u> ا
silex Media Transpo	rter E model	Setting Helm
Create Project Select Contents Sche	dule Transfer ing	
Gontent List New_	Show Ligrary	
01_contents_010	Layer1	
01_contents_020	Sequence File Name Playback Time Status	Delete
01_contents_030		Move <u>U</u> p
		Move Dogn
		Property
		Preview a <u>F</u> ile
Preview_ Rename Dglete		Sage
esolution1920:1090 Horizontal (1920:1090 Keep asp	ct ratio Video/Picture Scroll/PowerPoint/Picture/Web Page]	

2. Follow one of the following methods to add the still image file to the playlist.

Method 1

1) Click Add and select Picture Scroll ... from the context menu.



2) The picture scroll setting screen appears. Select the scroll speed and background color, and click **OK**.

Picture scroll setting
Specify the scroll speed and background color.
Scroll speed : Normal Background color : #000000
OK Cancel

Name	Details	Default
Scroll speed	Specify the scroll speed by selecting from Fast , Normal and Slow .	Normal
Background color	Select a background color from the color palette.	Black (# 000000)

3) Select the still image file to add and click **Open**.

🚯 Open					×
← → ~ ↑ 🔒 → Th	is PC > Documents > Pictu	ire Scroll	ڻ ~	🔎 Search Picture	Scroll
Organize 👻 New fold	er			8==	- 🔳 🔞
📌 Quick access	Name	Date 2019/12/18 14:50	Type BMP File	Size 2,701 KB	Tags
 OneDrive - Personal This PC 	 Picture Scroll_02.bmp Picture Scroll_03.bmp 	2019/12/18 14:50 2019/12/18 14:50	BMP File BMP File	2,701 KB 2,701 KB	
🥏 Network					
File <u>n</u>	ame:		~	Picture Files(*.bmp;	*.png;*.jpec ~
				<u>O</u> pen	Cancel



• The still image file can also be specified by dragging and dropping it onto the playlist.

Method 2

When the still image file is registered to the content, it will also be registered to the library. Click **Show Library** to show the library.



The still image file can be registered to the playlist by the following methods.

- Select the still image file from the library and click Add to Playlist.
- From the library, drag and drop the still image file to the layer.
- **3.** The selected still image file is displayed in the playlist.

🔞 project_010.mtep - silex Media Transporter E moo	el	- 🗆 X
silex Media Transpo	rter E model	🐲 🛃 - Setting_ Help
Create Project Select Contents School	dule Transfer ing Transfer	
Content List New.	Show Ligrary	
01_contents_010	Layer1	
01_contents_020	Sequence File Name Playback Time Status 01 001 Picture Scroll_01bmp Not converted	Delete
.01_contents_030		Move <u>U</u> p
		Move Dogn
		Property
		Preview a <u>E</u> ile
Preview_ Rename Dglete		Saye

[Preview a File] button

Select the still image file that you have added, and click **Preview a File** to show the preview.

• Still image file for scrolling Displays the still image file in PictureBox. The image is shown but not scrolled.

[Property] button

Select the still image file that you have added, and click **Property** to show the properties.

[Move Up] button / [Move Down] button

Select the still image file that you have added, and click **Move Up** or **Move Down** to change the playback order of the selected still image files.

[Delete] button

Select the still image file that you have added, and click **Delete** to delete it.

4. Repeat the steps 2-3 to register the still image file.

When the registration is completed, click **Save**. The data conversion will begin and the registered still image file will be converted to a format that can be played by the Silex device.

🐞 project_010.mtep - silex Media Transporter E mode	1	- 🗆 🗙
silex Media Transpo	rter E model	🐲 🛃 - Setting_ Help
Create Project Select Contents Sett	dule Transfer	
Content List	Show Ligrary	
01_contents_010	Layer 1	
01_contents_020	Sequence File Name Playback: Time Status 0101 Picture Scroll_01bmp Not converted Not converted 002 Picture Scroll_02bmp Not converted	Add Delete
+.01_contents_030		Move <u>U</u> p
		Move Dogn
		Property
Preview_ Rename Delete		Saye
Resolution1920x1080 Horizontal [1920x1080 Keep aspe	ct ratio Video/Picture Scroll/PowerPoint/Picture/Web Page]	



- Up to 1000 still image files can be registered.
- The progress of data conversion is displayed at the bottom right of silex Media Transporter E model.
- If **Enable background conversion** is not checked at the conversion setting, conversion will run when the transfer is started. For details on the conversion setting, refer to **5-2. Setting Change**.

Adding Web pages

The following explains how to add a Web page as a still image file.

1. Select the content to edit from the content list.

🚯 project_010.mtep - silex Media Transporter E mo	lel .		- 🗆 🗙
silex Media Transpo	orter E model		🔅 📔 . Setting. Help
Create Project Select Contents Sch	dule Transfer: ting		
Gontent List New.	E Show Ligrary		
01_contents_010	Layer1		
01_contents_020	Sequence File Name	Pleyback Time Status	Delete
01 contents 030			Move <u>U</u> p
			Move Dogn
01_contentd_040			Property_
			Preview a <u>F</u> ile
Preview_ Rename Delete			Save
esolution1920x1080 Horizontal [1920x1080 Keep asp	ect ratio Video/Picture Scroll/PowerPoint/Picture/	Web Page]	File conversion is completed.

2. Follow one of the following methods to add the Web page to the playlist.

Method 1

1) Click Add and select Web Page ... from the context menu.



2) The Web page addition screen appears. Enter the URL and click **OK**.

Add Web	Page	Х
Enter a v You may	veb page URL start with "http://" or "https://". also use HTML file on your computer or shared folder.	
<u>U</u> RL:	https://www.silextechnology.com/	
	Browse HTML file	
	OK Cancel	

- Enter the URL of the Web page that starts with " **http:** // " or " **https:** // ".
- It is also possible to specify the HTML files saved on your PC or shared folder. **Note**

Method 2

When the Web page is registered to the content, it will also be registered to the library. Click **Show Library** to show the library.

🔒 project_010.mtep - silex Media Transporter E moo	el	- • ×
silex Media Transpo	orter E model	Setting_ Help
Create Project Select Contents Sche	dule Transfer ting Transfer	
ontent List <u>N</u> ew	Hide Lityrary	
01_contents_010	All Video Picture Picture Scroll Web Page PowerPoint	
01_contents_020	Pite Name Playback. Time Location movie_01.m4v 00:1956 C:\User\sets\sets\Documents\Contents_movie\mov 00:1956 C:\User\sets\sets\Documents\Contents_movie\mov 00:1956 C:\User\sets\sets\Documents\Contents_movie\mov	Dejete
01_contents_030	morke joanney morke joanney 00/958 C'Ubers/dec/documents/Contents_morkerinoy Picture Scroll,01bmp C'Ubers/dec/documents/Picture Scroll,Picture	
01_contentd_040	Picture Scroll_II2bmp C:\Users\alex\Documents\Picture Scroll\Pictur - Bilex Technology https://www.silectechnology.com/	
	Add to <u>Playiat</u>	
	Sequence File Name Playback Time Status O 101 Silex Technology 01:00:10 Conversion completed	Add V
		Move <u>Up</u>
		Move Do <u>w</u> n
		Property
		Preview a Eile
Preview_ Rename Dglete		Saye

The Web page can be registered to the playlist by the following methods.

- Select the URL of the Web page from the library and click Add to Playlist.
- From the library, drag and drop the URL of the Web page to the layer.

3. The selected URL of the Web page is displayed in the playlist.

noise the sile of the second s	artar E model	- • ×
silex media transp	orter E model	Setting_ Help
Create Project Select Contents Sc	edule Transfer tting	
©ontent List New	📼 Show Ligrary	
01_contents_010	Layer1	
01_contents_020	Sequence File Name Playback Time Status 101 https://www.silextechnology.c 00:00:10 Not converted	Delete
01_contents_030		Move <u>U</u> p
*.01_contentd_040		Move Dogn
		Property_
		preview a File"
Preview Bename Delete		Save
arolytics 1820-1020 Maximutal (1920-1020 Keen a	J nect ratio Video/Picture Scroll/PowerPoint/Picture/Web Page]	File conversion is completed.

[Preview a File] button

Select the URL of the Web page that you have added, and click **Preview a File** to show the preview.

• Web page

Displays the Web page in PictureBox.

[Property] button

Select the URL of the Web page that you have added, and click **Properties** to show the properties.

[Move Up] button / [Move Down] button

Select the URL of the Web page that you have added, and click **Move Up** or **Move Down** to change the order of the Web pages.

[Delete] button

Select the URL of the Web page that you have added, and click **Delete** to delete it.

4. Repeat the steps **2-3** to register the URL of the Web page. When the registration is completed, click **Save**.

📵 project_010.mtep - silex Media Transporter E mod	el		- 🗆 X
silex Media Transpo	orter E model		🔯 <table-cell> 🖓</table-cell>
Create Project Select Contents Sche	dule Transfer ing		
Content List New.	Show Library Layer1		
0 _crotesta_310 0 _crotesta_320 0 _crotesta_320 0 _crotesta_320 • 0 _crotesta	Goenco File Nane Data Hipp://www.sleitechology.c.	Playback Time Status 060010 Not converted	Add V Dokip Hows Lib Novo Dogn Pogarty Precisiva Elle.
PreviewRenameDglete			Saye



- Up to 1000 Web pages (URLs) can be registered.
- When **Save** is clicked, the data conversion begins and the registered Web page is converted to a format that can be played by the Silex device. The progress of data conversion is displayed at the bottom right of silex Media Transporter E model.

4-4. Creating Package

This section describes how to register the content to a package using the schedule setting screen.

Creating a new package

- 1. Click the Schedule Setting tab.
- 2. The schedule setting screen appears. Click New.





• The package can also be created by right-clicking on the package list and selecting New.

Note

3. A new package is added to the package list. Rename it and press ENTER.



When changing a name of the registered package

Select the package you want to rename from the package list, click **Rename** to rename.

When deleting the registered package

Select the package to delete from the package list and click **Delete**.



• Up to 100 packages can be created.

Note

Registering a content to calendar

1. Select the package to edit from the package list.



- 2. Configure the following settings at the schedule setting area and click Add.
 - (1) Specify the broadcast date (year/month/date).
 - (2) Select the content to register from **Content Name**.
 - (3) Specify **Start Time** (hour/minute) and **End Time** (hour/minute).



3. The added content is registered to the specified date and time, and is displayed in the timeline list. Repeat the step 2 to register the contents. When the package is completed, click **Save**.



When deleting the registered content

Select the registered content and click **Delete** to delete.

When deleting the entire schedule of the day

Select the broadcast date and click **Delete timetable of the day** to delete all contents of the day.



• Up to 288 timelines can be created.



Registering content for each day of the week using the broadcast date model

Make a model of broadcast date and register it for each day of the week.

How to register a broadcast date model:

1. Select the package to edit from the package list.

🐞 project_010.mtep - silex Media Transpor	rter E model						-	- 0	×
silex Media Tran	🔅 Setting_	2 Help	•						
Create Project Select Contents	Schedule Setting	Transfer							
Eadaer Lat Ne Ne Polae Anter A De Polae 22 No Polae 22 No Egot. Renage () Ligt of Bradcat Dae Model:	ext leaved - 9800 1000 110000 110000 11000000	15 x 01_contents_010 01_contents_020 01_contents_030 01_contents_040	16 木	17 金	18 ±	19 🖯	20 A	21 /	× ×
	2021 ~	12 🗸	15 v			Delete timetable	of the day	Repeat Setting	
	Conte Start End 1	nt Name Time Time	01_contents 08 ~ : 00 09 ~ : 00	010 Pepeat I * The conte	Playback_ nt is played until	the end or is stopp Add Delet	ed when the end	time is reached del Save	~
Ghange Name L	nelete						File comm	rion is complet	ad la

2. In the schedule setting area, select the broadcast date you want to make a model with and click **Make Model**.

🐞 project_010.mtep - silex Media Transporter E mod	lel						-	- 0	×
silex Media Transporter E model								2 Help	÷
Create Project Select Contents Sche	dule ting	Transfer							
Dakase lat Feg & Hor Packase, 1 Fe Packase, 1 Fe Packase, 1 Fe Packase, 2 Packase, 2 Packase, 2 Februer, Renage Quiete Urt of Boadcast Dute Models	08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 16:00 18:00	15 x 01_contents_010 01_contents_020 01_contents_030 01_contentd_040	16 木	17 金	18±	19 🗄	20 A	21 火	<
	2021 ~	12 -	15 ~			Delete timetable	of the day	Repeat Setting	_
Ghange Name Dejete	● Ercad Conter Start End T	cast Date Model Na nt <u>N</u> ame Time Time	01_contents, 08 \log : 00 09 \log : 00	010 Repeat * The cont	Playback_ ent is played until	the end or is stopp }dd Delet	ed when the end t	ime is reached lef Saye	>

3. A new broadcast date model is added to the list. Enter a name and press ENTER.

🔞 project_010.mtep - silex Media Transporter E mo	del						-	- 0	×
silex Media Transp	ortei	r E mod	el				🐲 Setting_	2 Help	•
Create Project Select Contents Set	edule tting	Transfer							
Package List: Neg Mew Package Required. Package 01 Required. Package 02 Required.	13:00	15 水	16木	17 金	18 ±	19 🖯	20月	21火	^
a resulter, l2 resulter,	14:00 15:00 18:00 17:00 18:00	01_contentd_040							
Egort. Renage Delete	1940 2040 2140 2240 2340	¢							~
	2021 V Broa Cont	2021 v 15 v Delete timetable of the di O graduast Date Model Name New Broadcast Date Model 0 (content, 50) @ Content Same 0 (content, 50) Desate Tarboard						Repeat Setting	
Ghange Name Dejete	End	Time	09 🗸 : 00	* The conte	nt is played until	the end or is stopp add Dele	ped when the end te Make Mgr File conver	time is reached del Saye rsion is complet	ted.

When changing the name of the registered broadcast date model

Select the broadcast date model you want to rename from the list, and click **Change Name**.

When deleting the registered broadcast date model

Select the broadcast date model to delete from the list and click **Delete**.



• Up to 366 broadcast date models can be created.

Note

How to register contents using a broadcast date model:

1. Select the package to edit from the package list.

🐞 project_010.mtep - silex Me	dia Transporter E moo	lel						-	- 0	×
silex Media	Transpo	orter	E mod	el				🔅 Setting_	2 Help	•
Create Project Select C	ontents Sche Set	dule ting	Transfer							
Package List	Ne <u>n</u>		15 水	16 木	17 金	18 ±	19 🖯	20月	21火	
New Package B Package_01	Required	08.00								_
Package_02	Required	40.40								
Sackage_03	Required	04.00								
		10.00								
		11:00								
		12:00								
		13.00								
		14:00								
Export. Renag	<u>ne D</u> elete	15:00								
List of Broadcast Date Models:		16:00								
Broadcast Date Model_01		12.00								
		17.00								
		18:00								\sim
			<							>
		2021 ~	12 🗸	15 🗸			Delete timetable	of the day	Repeat Setting	
		O Broadc	ast Date Model M	lame Broadcast I	Date Model_01					
		Conten	t Name	01_contents	_010	No. 1 1				~
		Stagt 7	line	08 ~ : 00	Pepeat Nepeat * The conte	nt is played until	the end or is stopp	ed when the end	time is reached.	
Ghange I	Name Dejete	End Ti	me	09 🧹 : 00	- V	1	add Delei	je Make Mgs	del Sage	
								Cite and an	stan is an adda	

2. Click Repeat Setting in the scheduling area.



3. The daily/weekly schedule setting screen appears. Select the broadcast date model for each day of the week and click **OK**.

Daily/Weekly Schedule S	ettings	×
Sunday	(None)	~
Monday	(None)	~
Tuesday	(None)	~
Wednesday	(None)	~
Thursday	(None)	~
Friday	(None)	~
Saturday	(None)	\sim
Everyday	(None)	~
	ОК	Cancel
• Everyd	lay is always di	sabled.

4. The content of the selected broadcast date model is registered, and is displayed on the specified day of the week.

Once applied, the repeat setting will continue until the end of the year.

🔞 project_010.mtep - silex Media Transporter E moo	del							- 🗆 X
silex Media Transpo	orter l	Emod	el				🔅 Setting_	🔏 🗸
Create Project Select Contents Set	edule tting	Transfer						
Bockage Neg Ident Package Required Package_01 Required Ident Package_02 Required Ident Package_03 Required	08:00	15 水	16木	17 金	18 ±	19 🖯	20月	21 火
	10:00 11:00 12:00 13:00		01_contents_010			01_contents_010 01_contents_020		01_contents_010 01_contents_020 01_contents_020
Esport. Renage Delete List of Broadcast Date Models: Broadcast Date ModeL01	14:00 15:00 16:00 17:00		01_contentd_040			01_contentd_040		01_contentd_040
	2021 ~	12 ~	15 ~			Delete timetable	of the day	> V
Ghange Name Delote	Broadcas Content Stagt Tin End Tim	at Date Model I Nome ne	Biroadcast D 01_contents_ 08 ~ : 00 09 ~ : 00	ate Model_01 010 Pepeat I * The conte	Playback	il the end or is stoppe Add Delete	ed when the end e Make Mg	time is reached. del Sage

Saving the package in a USB thumb drive and inserting it to the Silex device

The package can be saved into a USB thumb drive. By inserting the USB thumb drive into the Silex device, the data content can be played or transferred.

1. Click the **Schedule Setting** tab, select the target package from the list, and click **Export** to save it into the USB thumb drive.

🔞 project_010.mtep - silex Media Transporter E mo	del						-		×
silex Media Transpo	orter E	Emode	el				🐲 Setting_	Re lp	÷
Create Project Select Contents Sch	edule tting	Transfer							
Datase luit Neg Men Polate Repaird. Packare,31 Rendy Packare,31 Rendy Packare,31 Rendy Packare,31 Rendy Egypt. Renage Delete Unit Brookart Date Model: ● Brookart Date Model:	8390 8390 10.00 11.00 12.00 13.00 14.00 16.00 17.00	15 %	16 *	17 金 01_contents_010 01_contents_020 01_contents_030 01_contentd_040	18 ±	19 🗄	20 月 01_contents_010 01_contents_020 01_contents_030 01_contents_030	21火	×
1210 12 15 Delete timetable of the day. Repeat Setting. O Brackstart Date Model Name Brackstart Date Model Name Brackstart Date Model Name Brackstart Date Model Name B Contract Jame Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01 Stagt Time Bil Journands J01									× . × ×

2. Select the folder (USB thumb drive) to which the package is saved and click OK.





• It is possible to specify any folders for saving destination.

3. The "**contents**" folder is created in the specified folder (USB thumb drive) and the data is saved on it.



4. Insert the USB thumb drive into the Silex device.



• For detailed specifications of the Silex device when the USB thumb drive is connected, refer to the operating manual of that device.

4-5. Transferring Package to Silex Device

The following describes how to distribute the created package to the Silex device using the transfer screen or the schedule setting screen.



• Before the distribution, all the contents of the package will be converted to a data format that can be played on the Silex device.

Adding a Silex device to the device list

The Silex device must be registered to the device list in advance.



How to add Silex devices using automatic search function:

If the Silex device and the PC (at which silex Media Transporter E model is running) are connected to the same network, the Silex device can be added using the automatic search function.

1. Click the Transfer tab.

2. The transfer screen appears.

🔞 project_010.mte	ep - silex Media Transpor	er E model					- 🗆 🗙
silex M	ledia Tran	sporter	E model	1			🐲 🔽 🗸
Create Project	Select Contents	Schedule Setting	Transfer				
Device List:	Display	All Devices				Change Fijter	
Name	MAC Address	IP Address	Model	Tag	Registered Packages	Distribution Status	Greate Device List
							Bemove
							Check Status
							Package Setting
							Edit Tag.
							Property_
							Expgrt.
							Turn Monitor ON
							Turn Monitor OFF
					Automatic Transfer	Selective <u>Transfer</u>	Gancel Transfer
No devices are regist	tered. Click *Create Devi	e List" to register the	device.				

3. Click Create Device List.



4. Select Automatic search and click Next.



5. The device search begins.

Add Playback Device	Х
Searching in networkPlease wait.	
2 devices found	
Back Next >>	Cancel

6. When the device search is completed, click **Finish**.

Add Playback Devi	ce			×
The following	: device(s) will be	added to a devic	e list.	
MAC Address	Model Name	Host Name	IP Address	
84:25:3F:01:1C:C9	MV-500R	192.168.47.100	192.168.47.100	
00:80:92:4A:7C:A4	MV-500T	192.168.47.101	192.168.47.101	
L				
		~~	<u>B</u> ack <u>F</u> ii	nish Cancel

7. The discovered device is added to the device list.



How to import the Silex device using a CSV file:

The Silex device can be added by importing the CSV file of it.

For details on how to create a CSV file, refer to **Creating a CSV file of the Silex devices** of **5-1. Other Functions**.

- 1. Click the Transfer tab.
- **2.** The transfer screen appears.



3. Click Create Device List.



4. Select Read from a CSV and click Next.



5. Click Browse, open the CSV file that contains the device list, and click Next.



6. The import result is displayed. Click Finish.



7. The imported device is displayed in the device list.

🚯 project_010.mte	ep - silex Media Transporte	er E model				-		×
silex M	ledia Tran	sporter	r E model			🐲 Settine	2 Help	•
Create Project	Select Contents	Schedule Setting	Transfer					
Device List	Display A	II Devices			Change Filter			
TX4A7CA4 RX811CC8	103092487CA4 84253F0E10C9			🛕 The package is _	Dhizown Unizown Unizown	Ch Pack E Turn	Bemove solg Status age Setting. dit Tag yoperty Expgrt Monitor OR	
				A 4 1 7 1	Coloration Transfer		177 1	

Buttons on the transfer screen

The following describes the function of each button on the right side of the device list.



[Remove] button

Select the Silex device from the list and click **Remove** to remove.

[Check Status] button

Select the Silex device from the list and click **Check Status** to check the status of the node and update the distribution status.

[Package Setting] button

Assign the package to the Silex device selected from the list.

[Edit Tag] button

Edit the tag and select the tag to assign for the Silex device selected from the list. For how to edit and create the tag, refer to **Narrowing down the Silex devices to display by adding a tag to them** of **5-1**. **Other Functions**.

[Property] button

Select the Silex device from the list and click **Property** to display the property screen.

[Export] button

Output the Silex device information to a CSV file.

For details on how to create a CSV file, refer to **Creating a CSV file of the Silex devices** of **5-1. Other Functions**.

[Turn Monitor ON] button

Turn on the monitor connected to the Silex device selected from the list.

[Turn Monitor OFF] button

Turns off the monitor connected to the Silex device selected from the list.

Transferring data to the Silex device

How to prepare for data transfer:

1. Select the Silex device to which the data is transferred, and click **Package Setting**.



2. Select the package to transfer and click OK.

Broadcast Schedule Se	tting
Please select the pac	kage.
Package	Status
New Package	Required to Edit
Package_01	Ready
Package_02	Required to Edit
Package_03	Required to Edit
	OK Cancel

3. When the package name is displayed under **Registered Packages** in the device list, the transfer is ready.



Automatic transfer:

The devices in need of data transfer are automatically identified, and the transfer is executed.

It is also possible to specify the time to transfer.

1. Click Automatic Transfer in the transfer screen.



2. Click OK to transfer now. To specify the transfer time, check Set the transfer time, set the start time and end time, and click OK.



Name	Details	Default
Set the transfer time	Check this to transfer at the specified time.	OFF
Start	Set the start time for automatic transfer.	00:00
End	Set the end time for automatic transfer.	23:59

• When **Set the transfer time** is not checked, automatic transfer will start immediately.

• When specifying the transfer time, keep at least 1 hour between the start time and end time.

• If the transfer time is specified and the end time for transfer is reached during the transfer, the subsequent transfer process will be cancelled. However, ongoing transfer will continue until it is completed.

3. When Transfer Completed is displayed for the distribution status, the transfer is complete.





TIP

• If a password is set to the Silex device, enter the password in the login screen. The entered password will be checked with all the target devices, and they will be removed from the list once the login is successfully completed.

L	ogin								
	To continue, you need to login. Target devices:								
	Name MAC Address Host Name								
	8	RX011CC9	84:25:3F:01:1C:C9	192.168.47.100					
	Login information								
	<u>P</u>	assword:			ogin				
		<u>Save passv</u>	vord						
	Skip unauthorized devices Cancel all								

Selective transfer:

The user can manually select the devices to which the data is transferred. Multiple units can be selected for transfer.

1. From the device list on the transfer screen, select the device to which the data is transferred, and click **Selective Transfer**.

Silex Media Transporter E model Create Project Selec Comer Schedul Setting Transfer Drive List Directive Add Transfer Drive Directive Add Transfer Dr	🔞 project_010.mte	ep - silex Media Transporte	er E model					-		×
Create Project Select Content Schedule Setting Transfer Bevice just Dieler / Ald proces Cleaner Fjørr Cleaner Fjørr Name MOC Address P.Address Nodel Tag Residend Flocage: Disbeduin Status DADOLI MOC Address P.Address Nodel Tag Residend Flocage: Disbeduin Status Oracle Device List DADOLI 08/02/02/02/02/02/02/02/02/02/02/02/02/02/	silex M	ledia Tran	sporter	E model				🔅 Setting	2 Help	-
Decise juit Devise Decise juit Devise juit Decise juit <thdecis juit<="" th=""> Decis juit <thde< td=""><td>Create Project</td><td>Select Contents</td><td>Schedule Setting</td><td>Transfer</td><td></td><td></td><td></td><td></td><td></td><td></td></thde<></thdecis>	Create Project	Select Contents	Schedule Setting	Transfer						
None MOC Addess PAddess Model Tar Propriet Posicient Distribution Distrest fore Distre Distribution<	Device List:	Display A	II Devices				Change Filter			
Coort- Ting Monker OFF	INAME TX4A7CA4 RX011009	080924A70A4	UP Haaress 192.168.47.101 192.168.47.100	Model MV-500T MV-500R	Tag	Packape United Packapes	Unknown No Contents	Che Packa Bi	Jevice Lis lemove ck_Status ge Setting dit Tag. operty.	
								Turn Turn	Apgr Monitor Of Monitor OF	F
Automatic Transfer Selective Transfer Cancel Transfer						Automatic Trendfer	Selection Transfer	Gard	el Transfe	r



• To select multiple devices, click them one by one while holding down the **Ctrl** key.

2. When the confirmation message appears, click OK.



3. When Transfer Completed is displayed for the distribution status, the transfer is complete.





• If a password is set to the Silex device, enter the password in the login screen. The entered password will be checked with all the target devices, and they will be removed from the list once the login is successfully completed.

Login								
To co Targe	ontinue, you n et devices:	eed to login.						
	Name	MAC Address	Host Name					
8	RX011CC9	84:25:3F:01:1C:C9	9 192.168.47.100					
Login information								
<u>P</u>	assword:			ogin				
Save password								
Skip unauthorized devices <u>C</u> ancel all								

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This chapter describes each function of silex Media Transporter E model.

5-1. Other Functions

Narrowing down the Silex devices to display by adding a tag to them

Filter the devices to display in the list by registering a tag to them.

How to add a tag to the Silex device:

1 Select the Silex device to register the tag from the list and click **Edit Tag**.



2. When the tag list appears, click New Tag.



3. A new tag is added to the tag list. Enter the name and press ENTER.

Edit Tag				×
Tag <u>L</u> ist				
<u>N</u> ew Tag	Rena <u>m</u> e	<u>R</u> emove Tag	OK	Cancel

When changing the name of the registered tag

Select the tag to rename from the list, click **Rename**.

When deleting the registered tag

Ľ Ľ

TIP

Select the tag to delete from the list and click **Remove Tag**.

A tag is a character string excluding some symbols (space, comma (,), single quote ('), double quote (")).
A tag is a string with 1-64 characters.

4. Check the tag to register and click OK.





5. Repeat the steps 1-4 to register the tag to all Silex devices.



How to narrow down the Silex devices to display:

Narrow down the devices to display in the list by specifying the conditions from the combo box.

1. Click **Change Filter** and specify the display conditions from the combo box.

Devices including any of the following tags	~
TAG1	
TAG2	

All Devices

Shows all device information.

Devices including any of the following tags

Displays the devices for which any one of the specified tags is set.

Devices including all of following tags

Shows the devices for which all the specified tags are set.

Not Tagged Devices

Displays the devices for which the tags are not set.

2. The list shows only the devices that meet the conditions.



Creating a CSV file of the Silex devices

Create a CSV file of the device list to specify when the Silex devices are imported by reading it.



 For details on how to add the Silex devices to the device list by importing the CSV file, refer to How to import the Silex device using a CSV file of 4-5. Transferring Package to Silex Device.

How to create a CSV file:

- 1. Click the Transfer tab.
- **2.** The transfer screen appears.



3. Click Export.



4. Specify the folder to save the file, and the file name, and click **Save**.

🝓 Save As				×
← → ~ ↑ 📙 x	This PC + Documents + Device List	ڻ ~	,O Search Device	List
Organize 👻 New	folder			81 · ()
 > Quick access > OneDrive - Perso > This PC > Prise Network 	Name	Date modified 2021/12/15 16:35	উም Microsoft Excel C	Size 1 KB
File <u>n</u> ame: d Save as <u>type</u> : C	evice_list_01.CSV SV File (*.csv)		Save	Cancel

5. The CSV file will be saved in the specified folder in the format below.

CSV file format

"MAC address", "host name or IP address", "device name", "tag name"

How to create a CSV file using Notepad or Microsoft Excel:

For the Silex devices to add, create a CSV file by editing the format below using Notepad or Microsoft Excel, which is the standard Windows application.

CSV file format

"MAC address", "host name or IP address", "device name", "tag name"

When using Microsoft Excel

	A	В	C	D	Е
1	# MAC Address	Host name or IP Address	Name of Device	Tags	
2	84253 F01 0203	172.25.72.123	RX01 0203	TAG2	
3	84253F010204	172.25.72.124	TX01 0204	TAG1	
4					
5					
6					
7					

When using Notepad





• Each item must be separated by comma (,).

5-2. Setting Change

The following describes the **Setting** screen.

Conversion setting

Set the conversion quality and the maximum number of conversion threads.

1. Click Setting.



2. Click **Convert** and configure each setting.



Name	Description	Default
Default picture playback time	Set the default time for displaying a still image and for switching a PowerPoint slide.	10
Video quality	Set the conversion quality for video, still image scrolling, and PowerPoint. Setting a higher number will make the image quality higher and the file size larger.	5
Picture quality	Set the conversion quality for still images. Setting a higher number will make the image quality higher and the file size larger.	8
Max number of threads to convert	Sets the maximum number of threads to use for conversion process.	(*1)
Enable background conversion	When the checkbox is on, the conversion starts when Save is clicked on the content screen. When the checkbox is off, the conversion starts immediately before the transfer.	on
Do not display a warning message when failed to display the content preview.	Set whether to show a warning dialog to display when the content preview output fails.	off
Default	Initializes the settings.	-

(*1) The default value changes depending on the number of CPU cores in the PC.



- Set the conversion quality for video and still image (1-10). Setting a higher number will make the image quality higher and the file size larger.
- Depending on the file used, a "File size over" error may occur during the conversion.
- If an error occurs, set a smaller value for conversion quality or reduce the resolution for the original image.
 The conversion quality of the video and still image will be applied for upcoming conversion. To change
- the quality of the files converted in the past, select the file on the content screen and select **Reconvert** from the right-click menu.
- **3.** Click **OK** when the setting is completed.

Transfer setting

Set the number of transfer retries and timeouts.

1. Click **Setting**.



2. Click Transfer and configure each setting.



Name	Description	Default
Communication timeout	Set the timeout period for when a response from the destination device is lost during data transfer.	60
Retry interval during an error	Set a retry interval for when the transfer fails.	60
Number of retries during an error	If the transfer fails, the retry is repeated as many times as specified. The retry will end when the transfer is successfully completed or when the retry is repeated as many times as specified.	10

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Name	Description	Default
Max number of simultaneous transfer	Set the number of devices to which the data can be transferred at a time.	4
Enable the bandwidth limit for transfer	Set the communication band limit (on/off).	off
Limit per connection	The use of bandwidth per session is limited to this value.	512
Check the device status when the project is opened.	Set whether to check the device status or not (on/off).	on
Suppress confirm message on selective transfer	Set whether to show a confirmation message during the selective transfer (on/off).	off
Default	Initializes the settings.	-

3. Click **OK** when the setting is completed.

6. Status Message List

This chapter describes conversion status messages, package status messages, and distribution status messages.

Before you contact the Customer Support Center, please write down the corresponding status message to enable support to be provided as smoothly as possible.

6-1. Content Selection Screen

List of conversion status messages

The following is a list of the messages displayed under "**Status**" in the **Playlist** of the **Select Contents** screen. The solution for each status is also described.

Layer 1				
Sequence 001 002 003	File Name movie_01.m4v movie_02.m4v movie_03.m4v	Playback Time 00.09:56 00:09:56 00:09:56	Status Conversion completed Conversion completed Conversion completed	Add ▼ Delete Move Up Move Down
				Property Preview a <u>F</u> ile

Message	Condition/Corrective Procedure (Error Only)
Not converted	The data is registered to the playlist but not converted yet. (* 1)
Conversion completed	The conversion process is completed successfully. (*1)
Convert the source file again as it has been updated.	The source file has been updated after the last conversion. Convert the source file again. (*1)
The conversion source is not found.	The conversion source is not found. It has been moved, renamed, or deleted. (*1)
Frame rate over	The frame rate of the video data exceeds 30 fps. Use a video with a frame rate of 30 fps or less.
Number of incompatible audio channels	The number of audio channels is not supported. Check the following table and use the number of channels supported by the silex device. Format Single-layer / Multi-layer products The number of channels 1 (monaural) 2 (stereo)
Audio sampling rate not supported	The audio sampling rate is not supported. Check the following table and use the sampling rate supported by the Silex device. Format Single-layer / Multi-layer products Sampling rate 32kHz, 44.1kHz, 48kHz
Audio sampling bits not supported	The number of audio sampling bit is not supported. Use the data with a sampling bit of 16bit.
DRM Protected Contents	A copyright protected file cannot be imported.
Failed to open a file.	The file might be deleted after it is registered. Check that the file exists. If you are using a network drive, check the network connection. Check the access permissions for the file or folder. If the file is in use by other software, close that software.
No disk space	The disk space is insufficient. Move the package folder to another drive or increase the amount of free space, and then try again.

Message	Condition/Corrective Procedure (Error Only)
Not support [Error code]	Use a video file with a supported codec or a file with a supported extension. If you have installed a third-party codec pack, change the settings and then try the conversion again.
Failed [Error code]	Write down the displayed error code and then contact Customer Support Center.
* Messages other than the above	Write down the displayed error code and message, and then contact Customer Support Center.

*1: Not displayed on the file error window.

6-2. Schedule Setting Screen

List of package status messages

The following is a list of the messages displayed in the **Package List** of the **Schedule Setting** screen. The solution for each status is also described.

				_		_
🔞 project_010.mtep - silex Media Transporter E model						
silex M	edia 1	Trai	nspo	D	rter	r
Create Project	Select Cor	itents	Sche Set	ed tir	ule 1g	
<u>P</u> ackage List:		1	le <u>w</u>			
🚳 New Package			Required			
🚳 Package_01			Required		08:00	
🍓 Package_02			Required			
os Package_03			Required		09:00	
					10:00	L
					11:00	Γ
					12:00	
					13:00	Γ
					14:00	
E <u>x</u> port	Rena <u>m</u> e		<u>D</u> elete		15:00	

Message	Condition/Corrective Procedure (Error Only)
Required to Edit	The package is incomplete (e.g. there is an empty layer in the content, or there is no schedule setting in the package). Please complete the package.
Waiting for Conversion	The registered content is not converted yet. Convert it before the transfer.
Ready	The package is created correctly and is ready for transfer.

6-3. Transfer Screen

List of the registered package status messages

The following is a list of the messages displayed under "**Registered Packages**" in the device list of the **Transfer** screen. The solution for each status is also described.

Create Project	Select Contents	Schedule Setting	Transfer		<u>،</u>
Device List:	Display A	II Devices			Change F <u>i</u> lter
Name	MAC Address	IP Address	Model	Tag	Registered Packages Distribution Status
TX4A7CA4	00:80:92:4A:7C:A4	192.168.47.101	MV-500T		🕦 Transfer Not Su 🕐 Unknown
RX011CC9	84:25:3F:01:1C:C9	192.168.47.100	MV-500R		🚹 The package is 💷 👩 Unknown

Message	Condition/Corrective Procedure (Error Only)
Package Name	The package is registered to the Silex device.
The package is not registered.	The package is not registered to the Silex device. Please set the package from the schedule setting screen.
Transfer Not Supported	This device does not support the content transfer.

List of distribution status messages

The following is a list of the messages displayed under "**Distribution Status**" in the device list of the **Transfer** screen. The solution for each status is also described.

Create Project	Select Contents	Setting	Transfer			
Device List:	Display A	II Devices				Change Filter
Name	MAC Address	IP Address	Model	Tag	Registered Packages	Distribution Status
TX4A7CA4	00:80:92:4A:7C:A4	192.168.47.101	MV-500T		 Transfer Not Su 	🕐 Unknown
RX011CC9	84:25:3F:01:1C:C9	192.168.47.100	MV-500R		🚹 The package is 💷	😮 Unknown

Message	Condition/Corrective Procedure (Error Only)
Unknown	The Silex device is registered, but the status is not confirmed yet.
Chknown	Click the status check button or perform a transfer to get the latest status.
Transfer Completed	The transfer of the registered content package is completed.
Synchronization is completed	Time synchronization is completed on the Silex device that does not support
	content transfer.
Transfer Required	The transfer is required because the package or content has been changed/
· · · · · · · · · · · · · · · · · · ·	updated.
The other package has been transferred.	A package has already been transferred.
	To replace it, register another package and transfer it.
No Contents	The package is not transferred.
Waiting	Time synchronization has not done on the device that does not support content
	transfer.
	Since the package includes incomplete data or the content conversion has
The package needs to be modified.	selection screep or schedule setting screep
Checking Device Status	Checking the status of the Siley device Please wait
	Checking the status of the Silex device. Flease wait.
	Preparing a file to transfer. Please wait.
Waiting for Conversion	Waiting for the content conversion process to finish. Please wait.
Synchronization in process	Time synchronization is in progress on the Silex device that does not support
	content transfer.
The monitor is under control.	The monitor is controlled for the Silex device that support CEC control.
	The transfer is ready but still in a waiting process as the number of simultaneous
Queued for Transfer	transmission sessions is exceeded or the transfer time is not reached.
	The transfer will start automatically when the ongoing transfer is completed or when the transfer time is reached
	When the datisfer time is reacticu.
Queued for Synchronization	sessions is exceeded or the transfer time is not reached for the Silex device that
	does not support content transfer.
	••

Message	Condition/Corrective Procedure (Error Only)
Waiting for Retry (Communication Error)	A communication error has occurred while checking the device status or processing the file transfer. The retry will start in the specified time. Please wait.
XXX %	Transfer is in progress. The progress is displayed (0-100%). Please wait for a while until the transfer is completed.
Wrong Password	The password does not match. Please enter the correct password and try to transfer again.
Transfer Cancelled	The transfer is canceled by the user.
Firmware Update Required	The firmware version is old and needs to be updated.
The monitor is not connected	A monitor control runs on the Silex device though a monitor is not connected to it.
No storage devices are found	A storage media is not inserted. Turn off the Silex device and insert the storage media. (*)
Storage Device IO Error	The storage media is abnormal. Turn off the Silex device, and then try removing and inserting the storage media. If it does not improve, format the storage media or replace it with another one. (*)
Not Enough Space	The package cannot be transferred because a disk space is not enough on the storage media. Delete unnecessary data on the package or use a storage media with an enough space. (*)
Communication Error	A communication error has occurred with the Silex device. Check the network connection and the device power status. The retry has performed for the specified number of times but it has not recovered.
Communication Error (USB storage in use)	(Micro SD model only) The operation is cancelled because the USB thumb drive is inserted and is in use.
Unsupported Device	IP address or host name of the unsupported device is manually specified. The single-layer/multi-layer setting does not match the project setting.

(*) A storage media varies depending on the Silex device.

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7. Uninstallation

This page describes how to uninstall (remove) silex Media Transporter E model from your PC. silex Media Transporter E model can be uninstalled using the Windows menu or the installer.

7-1. Uninstalling silex Media Transporter E model

The procedure for uninstalling silex Media Transporter E model is as follows.



• Perform the operation as a user with administrator privileges.

Uninstall using Control Panel

- 1. Go to Control Panel and click Uninstall a program.
- 2. Select silex Media Transporter E model from the list and then click Uninstall.



3. A confirmation message appears. Click **Yes**. The uninstallation starts.





4. The uninstallation begins.



5. The uninstallation is complete when **silex Media Transporter E model** disappears from the list.



The uninstallation of silex Media Transporter E model is now finished.

Uninstall using the installer of silex Media Transporter E model

Start the installer of silex Media Transporter E model to use for uninstallation.

1. Double-click the installer of silex Media Transporter E model (**silexMediaTransporterEmodel-x.x.x-en.exe**) on the PC.



silexMediaTranspo rterEmodel-x.x.x-e n.exe

2. The welcome screen appears.

Select Remove silex Media Transporter E model and click Finish.

🛃 silex Media Transporter E model		_		×
Welcome to the silex Me Setup Wizard	edia Transpo	orter E mode	1	
Select whether you want to repair or rem	ove silex Media Tra	nsporter E model.		
◯ <u>R</u> epair silex Media Transporter E n	nodel			
Remove silex Media Transporter E	model			
	Cancel	< <u>B</u> ack	E	inish

3. The uninstallation begins.



4. When the completion screen appears, click **Close**.



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A. Troubleshooting

This chapter provides the solutions for possible troubles you may experience when you are using silex Media Transporter E model.

A-1. Troubleshooting

The following describes the problems which may occur when installing or using silex Media Transporter E model. The solution for each problem is also described.

Audio is not played correctly (audio is choppy) after it is transferred to the Silex device.

The firmware of the Silex device may not be the latest version.				
Solution	Update the firmware to the latest version.			
	You can download the latest version from our website (<u>https://www.silextechnology.com/</u>).			

Video or still image cannot be converted on the content selection screen ("File size over" error occurs).

The size of th	he size of the converted file is too large.					
Solution	At the conversion setting, decrease the conversion quality for Video quality and Picture quality, or set a					
	lower resolution for the original file.					

A-2. Customer Support Center

Customer support is available for any problems that you may encounter.

If you cannot find the relevant problem in this manual or on our website, or if the corrective procedure does not resolve the problem, please contact Silex Technology Customer Support.

	Contact Information
USA	support@silexamerica.com
Europe	support@silexeurope.com



Visit the Silex Technology's website (https://www.silextechnology.com/) for the latest FAQ and product information.

Note

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