LiveViewer Pro
Presentation Application
User’s Manual

For iOS
Ver. 2.1

Maxell, Ltd.

Note
· Before using this application, please update the network firmware of the projector to version 1.02.
· The contents of this manual are subject to change without notice, including product specifications. In addition, the manufacturer assumes no responsibility for any errors that may appear in this manual.
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1. Introduction

LiveViewer Pro for iOS is an application for projecting contents such as documents, photos, videos, music etc. on an iOS device to the projector.

<Corresponding Projector>
- CP-WU5506M
- CP-WX5506M
- HCP-FU50HM
- HCP-FW50HM

<Corresponding OS>
- iOS 10 or later

The following operating environment is recommended.

<Network>
- WLAN: 11ac, 11n(5GHz)

<Compatible devices>
- iPhone 6 or later

※This application does not guarantee the operation in all computers, OS, and network environments.
1.1 LiveViewer Pro mode transition

iPhone

(a) LiveViewer Pro icon

(b) Profile list

(c) Discovery List

(d) Content tab

(e) Settings tab

(f) Projector control

(g) Projection Options

(h) QR code
In LiveViewer Pro for iOS, you can quickly access the desired operation by tapping the tab of "projector", "contents" and "setting".

(a) LiveViewer Pro icon
   Tap the icon to open the application.
   When the application opens, the Discovery List or Profile List is displayed.

(b) Profile list
   List the connection settings with the registered projector.

(c) Discovery List
   Search and list up connectable projectors on the network.
   However, projectors registered in the profile list are not shown.
(d) Content tab
You can select the content to be projected. Select from preferable file format.

(e) Settings tab
You can delete the track record in browser of web function in contents tab.
Also, you can sort file and check the application version.

(f) Projector control
It controls the connected projector from LiveViewer Pro.

(g) Projection Options
Set the projection mode. “On” and “Off” in presenter mode also can be set.

(h) QR code
You can easily connect to the projector by scanning the QR code in the projected image from the projector.
1.2 Basic Operation

1.2.1 Preparation

(1) Transfer content file to iOS device

(a) Connect iOS devices and a personal computer using a USB cable.

(b) Launch iTunes on the PC.
(c) Click the iOS device icon.

(d) Click “File Sharing”.
(e) Select LiveViewer Pro from the App

(f) Drag and drop the file you want to copy.
(g) Confirm from the iOS device that the file has been transferred.
(2) Connect to the network
Connect the projector and the iOS device in same network. Connect the network by one of the following. For details of connection method, refer to the projector's network guide.

(a) Infrastructure mode
This is a connection method using access point. Connect the projector and the iOS device to the same access point.

(b) Simple access mode
This is a way to connect the projector and the computer directly.
1.2.2 Projector selection

From the Discovery List or Profile List, tap the icon of the projector you want to connect.

When connecting with the projector, the color of the icon turns to blue.

For details about creating profiles, refer to 2.1.2 Profile List.
1.2.3 Document projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select a document from the Contents tab.
(3) Select the document to be projected from the document list.
For details on how to register documents in the document list, refer to "2.2.1 Documentation".

iPhone

iPad
(4) Tap the projection button on the document projection mode to project the selected document from the projector.
1.2.4 Photo projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select a photo from the Contents tab.

iPhone

iPad
(3) From the folder selection mode, tap the folder where the picture you want to project is registered.

For details on how to register photos, refer to "2.2.2 Photo".
(4) From the photo selection mode, tap the picture you want to project.
(5) Tap the projection button on the photo projection mode so that the selected photo will be projected from the projector.
1.2.5 Video projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select a video from the Contents tab.
(3) From the video list, tap the video you want to project.

For details on how to register video to the video list, refer to "2.2.3 Video".
(4) Tap the projection button on the video projection mode so that the selected video is projected from the projector. While projecting from the projector, the video is not played on the iOS device.

You can also project the video by tapping the projection button on the video list. In that case, the video will be played in order from the beginning of the video list.
1.2.6 Music projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select music from the Contents tab.

- iPhone
- iPad
(3) From the music list mode, tap the music you want to project.

For details on how to register music to the music list, refer to "2.2.4 Music tab".
(4) Tap the projection button on the music projection mode so that the selected music will be projected from the projector. While projecting from the projector, music is not played on the terminal side. When playing music, a jacket picture is displayed on the projection mode.

You can also play music by tapping the projection button on the music list mode. In that case, music will be played in order from the beginning of the music list. However, if shuffle playback is turned on in the projection option setting of music, shuffle the music registered in the music list and play it.
1.2.7 Web projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select the web from the Contents tab.
(3) Open the website you want to project via this web browser, and then tap the projection button so that the website will be projected from the projector.
1.2.8 Camera projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select the camera from the Contents tab.
(3) Take a picture with the camera.

(4) Save that photo.
(5) Tap the projection button on the camera projection mode so that the photo will be projected from the projector.
1.2.9 Video Camera projection procedure

(1) Connect to the projector. For the connection procedure, refer to "1.2.2 Projector selection".

(2) Select the video camera from the Contents tab.

![iPhone screenshot](image1)

![iPad screenshot](image2)
(3) Tap the projection button on Video camera projection mode so that the image shot by the camera is projected from the projector.

iPhone

iPad
2. Mode details

2.1 Projector tab

On the projector tab, you can set the connection between the smartphone and the projector. "Profile list" is opened in case profiles are registered when LiveViewer Pro is started up. If the profile is not registered, "Discovery List" is opened.
2.1.1 Discovery List

(a) Projector list

Search for connectable projectors on the network and display them as the list. Projectors registered in the profile list are not displayed. Sort settings can be done from the Settings tab.

<table>
<thead>
<tr>
<th>Projector Icon</th>
<th>Projector Name</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRJ_3CB7922000D4%</td>
<td>192.168.1.23</td>
<td></td>
</tr>
</tbody>
</table>

Edit profile icon
Projector icon

The color of projector icon shows the connection status between projector and smartphone.

You can control connection / disconnection with the projector by tapping the icon.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Connected Icon]</td>
<td>Indicates that the projector is connected.</td>
</tr>
<tr>
<td>![Online Icon]</td>
<td>Indicates that the projector is online.</td>
</tr>
<tr>
<td>![Offline Icon]</td>
<td>Indicates that the projector is offline.</td>
</tr>
</tbody>
</table>

Projector Name

The projector name of the detected projector is displayed.

IP address

The IP address of the detected projector is displayed.

Profile registration icon

The profile registration mode is displayed.

However, more than 32 profiles can't be registered.

(b) Profile List

The "Profile List" is displayed.
2.1.2 Register profiles from Discovery List

1. Tap "+" icon
2. Enter the profile name and tap "Save"

By selecting "+" icon in the discovery list, you can register the projector setting in the discovery list to the profile list.

It is possible to register profiles of currently connected projectors. At that time, it is deleted from the discovery list and registered in the profile list.
2.1.3 Profile list

(a) Profile list
List registered profiles.
Up to 32 profiles can be registered.
You can sort the list from the Settings tab.
Projector Icon

This icon indicates the connection status between the projector and the smartphone.

You can control connection/disconnection with the projector by tapping the icon.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Icon Image]</td>
<td>Indicates that the projector is connected.</td>
</tr>
<tr>
<td>![Icon Image]</td>
<td>Indicates that the projector is online.</td>
</tr>
<tr>
<td>![Icon Image]</td>
<td>Indicates that the projector is offline.</td>
</tr>
</tbody>
</table>

Profile name

Display the registered profile name.

Projector Name

Display the name of the projector set in the profile.

IP address

Display the IP address of the projector set in the profile.

Edit profile icon

You can edit the profile.

However, you cannot edit the profile of the connected projector.

(b) Add profile

You can add the profile.

However, you cannot add the profile if 32 profiles are registered.

(c) Discovery List

The discovery list is displayed.
2.1.4 Edit/Register new profile

In general
(a) Profile Name
   Specify the profile name.
   Profile name can be a maximum of 32 characters.

(b) Projector name
   Specify the projector name.
   The projector name can be a maximum of 64 characters.
   When registering a profile from the discovery list, the projector name of the projector selected in the list is entered.

(c) IP Address
   Input the IP address of the projector.
   When registering profiles from the discovery list, the IP address of the projector selected in the list will be written.
(d) Password
   Set up the network presentation password and projector control password.

Projector Web Control
(e) Open Projector Web Control
   Launch the browser and display the projector web control of the selected projector in
   the list.

(f) SAVE
   Save the settings.
   If the same profile name has already been registered or if the profile name is not
   valid (it is written with blank spaces or spaces only), it can’t be registered.

(g) Back
   It returns to the profile list without registering the profile.
2.1.5 Delete Profile

iPhone

iPad

1. Slide the list to the left
2. Tap "x" icon

By sliding the projector on the profile list to the left, the delete icon is displayed. Tap the delete icon to delete it from the profile.
2.1.6 Projector Web control

**iPhone**

1. Tap “+” icon
2. Tap “Open Projector Web Control”

**iPad**

1. Tap “+” icon
2. Tap “Open Projector Web Control”

Display the projector Web control via the browser.
2.1.7 QR code

You can connect to the target projector by scanning the QR code projected on the projector.

[iPhone / iPad]

The terminal must be connected to the network which projector is connected. You cannot connect when Wi-Fi is off or you are connected to a different network.

[Operation of projector]
Open the menu of the projector, then select [Advanced Menu] → [Network] → [Network Setup] → [Network Setup] → [Display QR Code] in order. QR code is projected from the projector when [Wireless] or [Wired] is selected.
[Display QR Code] has the following items.
[OFF] --- QR code is not displayed.
[Wireless] --- QR code for wireless LAN settings of the projector is displayed.
    Select [Wireless] when projector is connected via wireless LAN.

The following operation is performed when terminal is connected to different network with the projector.
[iPhone / iPad]

(a) Tap “QR Code icon”
(b) Scan “QR Code”

(a) Cancel --- Cancel the connection and return to the original screen.
(b) OK --- Move to the wireless LAN setting page of the terminal.

[Wireless] --- QR code for wired LAN settings of the projector is displayed.
    Select [Wired] when projector is connected via wired LAN.
2.2 Contents tab

Select the content to be projected. Tap the icon of the contents you want to project.

<table>
<thead>
<tr>
<th>iPhone</th>
<th>iPad</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="iPhone content selection" /></td>
<td><img src="image2.png" alt="iPad content selection" /></td>
</tr>
</tbody>
</table>
2.2.1 Document

In the document, you can project PDF and Word or other format documents.
2.2.1.1 Document mode transition

**iPhone**
- Document list
- Document projection
- Document projection (Paint mode)

**iPad**
- Document list
- Document projection
- Document projection (Paint mode)
2.2.1.2 Document list

(a) Back
Return to the content tab.

(b) Projector control
Display the projector control.

(c) Projection options
Display the option.
(d) Document list

List registered documents.

Document icons correspond to the following extensions.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="pdf.png" alt="PDF" /></td>
<td>PDF (*.pdf)</td>
</tr>
<tr>
<td><img src="doc.png" alt="Word" /></td>
<td>Word (*.doc, *.docx)</td>
</tr>
<tr>
<td><img src="ppt.png" alt="Power Point" /></td>
<td>Power Point (*.ppt, *.pptx)</td>
</tr>
<tr>
<td><img src="xls.png" alt="Excel" /></td>
<td>Excel (*.xls, *.xlsx)</td>
</tr>
<tr>
<td><img src="txt.png" alt="Text" /></td>
<td>Text (*.txt)</td>
</tr>
<tr>
<td><img src="pages.png" alt="Pages" /></td>
<td>Pages (*.pages)</td>
</tr>
<tr>
<td><img src="key.png" alt="Keynote" /></td>
<td>Keynote (*.key)</td>
</tr>
<tr>
<td><img src="numbers.png" alt="Numbers" /></td>
<td>Numbers (*.numbers)</td>
</tr>
</tbody>
</table>

(e) Add Icon

Display the document selection.

You can add content from the document selection.
2.2.1.3 Delete document list

Deleting the document list is done in the next two steps.

1. Click the trash can icon again to cancel the "×" icon.
2. Slide the list to the left.

Tap "x" icon

Click the trash can icon again to cancel the "x" icon.
2.2.1.4 Document selection

(a) Back
You will return to the document list.

(b) Select All/ Unselect All
Select or Unselect all documents in the list.

(c) Done
Add the selected document to the document list.
(d) Document selection list
Select the document you want to add to the document list.

Document icon
Document icons correspond to the following extensions.
The document types are as follows.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDF</td>
<td>PDF (*.pdf)</td>
</tr>
<tr>
<td>Word</td>
<td>Word (*.doc, *.docx)</td>
</tr>
<tr>
<td>PPT</td>
<td>Power Point (*.ppt, *.pptx)</td>
</tr>
<tr>
<td>XLS</td>
<td>Excel (*.xls, *.xlsx)</td>
</tr>
<tr>
<td>TXT</td>
<td>Text (*.txt)</td>
</tr>
<tr>
<td>Pages</td>
<td>Pages (*.pages)</td>
</tr>
<tr>
<td>Keynote</td>
<td>Keynote (*.key)</td>
</tr>
<tr>
<td>Numbers</td>
<td>Numbers (*.numbers)</td>
</tr>
</tbody>
</table>

File name
Indicate the name of the file.

File size
Indicate the size of the file.
2.2.1.6 Projection of document

(a) Back
   Return to the document list.

(b) Paint mode
   Open “Paint mode”.

(c) Start/Stop projection
   Projection will start. If projection is in progress, stop projection.

(d) Projector control
   Open the projector control mode.

(e) Projection Options
   Open "Projection Options"
(f) Document display area
   Display the document to be projected.
   You can move pages by swiping.
   You can reduced or enlarged the document by pinch in or pinch out.

(g) Thumbnail display area
   There are documents thumbnail.
   You can scroll thumbnail with left and right slicks.
   The selected document is displayed in the document display area.
2.2.2 Photo

In the photo, you can project photos stored in the smart phone. You can also project photos as a slideshow.
2.2.2.1 Photo mode transition

iPhone

Folder list

Thumbnail

Photo projection

Photo projection (Paint mode)

New folder

Delete Folder

Slideshow

Add Photo

Delete Photo

iPad

Folder list

Thumbnail

Photo projection

Photo projection (Paint mode)

Enlarged display

New folder

Delete Folder

Slideshow

Delete Photo

Add Photo
2.2.2.2 Folder list

(a) Back
   Return to the content tab.

(b) Add Icon
   Open the New folder.

(c) Projector control
   Display the projector control.

(d) Projection options
   Display the projection option.
(e) Folder list
List registered documents.

**Thumbnail**
The first image file in the folder is displayed as a thumbnail.

**Folder name**
Show “Folder name”.
2.2.2.3 New Folder

(a) Folder names entry field

Enter new folder name.

Press "OK button" to create new folder, and then open Thumbnail.
2.2.2.4 Delete Folder

(a) \( \times \) button
If you tap “\( \times \)” button, tapped folder is deleted.

(b) Delete
If you tap “Delete”, “\( \times \)” button disappears from list.
2.2.2.5 Thumbnail

(a) Back
   Return to the "Folder list".

(b) Slideshow
   Display “Slideshow”.

(c) Add
   Display "Add Photo".

(d) Delete
   The Delete icon (“×”) is displayed at the upper left of thumbnail.
   If you press the Delete button again while the Delete icon is displayed, you can delete the Delete icon.

(e) Projector control
   Open “Projector control mode”.
(f) Projection options
   Open “Projection options mode”.

(g) Thumbnail display area
   Display registered images as thumbnail.
   Tap thumbnail to display the photo projection screen.
2.2.2.6 Delete Photo

(a) \(\times\) button
Delete the tapped photo.

(b) Delete
Delete the Delete icon ("\(\times\)").
2.2.2.7 Add Photo

(a) Back
   Return to "Thumbnail".

(b) Select button
   Select the photo to add to "Thumbnail".

(c) Done
   Add the selected photo to "Thumbnail".
2.2.2.8  Photo projection

(a) Back
   Return to "Folder list". If projection is in progress, stop projection.

(b) Paint mode
   Open "Paint mode".

(c) Start/Stop projection
   Projection will start. If projection is in progress, stop projection.

(d) Projector control
   Open "Projector control".

(e) Projection Options
   Open "Projection Options".

(f) Image display area
   Display the image to project.
   Swipe to left and right switches images.
   Pinch In/Out makes image reduced/enlarged.
2.2.2.9 Slide show screen

(a) Back
   Return to the Thumbnail screen.

(b) Select All/Unselect All
   Select or clear all check boxes in thumbnail.

(c) Projector control
   Projector control screen is displayed.

(d) Projection Options
   Display the projection options screen.

(e) Thumbnail display area
   Display thumbnail of images registered in the specified folder.
   Select the image to use as the slideshow.

(f) Start projection
   Start the slideshow to project.
2.2.3 Video
In video, movies stored on the device can be projected from the projector.

iPhone

iPad
2.2.3.1 Video mode transition

iPhone

Video list

Video projection

Video selection

iPad

Video list

Video projection

Video selection
2.2.3.2 Video list

(a) Back
  Return to the “Contents” tab.

(b) Projector control
  Projector control screen is displayed.

(c) Projection Options
  Open the “Projection Options“.
(d) Video list

Registered video files in LiveViewer Pro app are listed.

- Thumbnail
  Display Thumbnail.
- File name
  Display File name.
- Time
  Display the playing time.
- File size
  Display File size.

You can swap the order of the list by dragging and dropping after long press.

(e) Add

Display the “Video selection”.

(f) Start projection

Transit to the "Video projection" and project from the projector.
When 4-screen mode is selected, projection can’t be performed.
2.2.3.3 Delete Video list

Delete the video list in the next two steps.

1. Slide the list to the left.

2. Tap “×” icon.

Click the trash can icon again to cancel the “×” icon.
2.2.3.4  Video selection

(a) Back
Return to the “video list”.

(b) Select All/Unselect All
Select or Unselect all the items in the list.

(c) Done
Add the selected videos to the list.
The maximum number of registered videos is 32.
(d) Video selection list

Registered video files in LiveViewer Pro app are listed.

- **Thumbnail**
  - Display Thumbnail.
- **File name**
  - Display File name.
- **Time**
  - Display the playback time of the file.
- **File size**
  - Display File size.
2.2.3.5 Video projection

(a) Back
Return to the "video list". If projection is in progress, stop projection.

(b) Projector control
Projector control screen is displayed.

(c) Projection Options
Display the projection options screen.

(d) Video display area
Display the selected video.
Icons are displayed during projection.

(e) File name
Display File name.
(f) Video control area
   It controls playback/pause of video.

(g) Start/Stop projection
   Projection starts from the projector. If projection is in progress, the projection will be canceled.
   In 4-screen mode, projection is not possible.
2.2.4 Music

In music, you can play music stored on iOS device with the projector.
2.2.4.1 Music mode transition

iPhone

Music list

Music projection

Music selection

iPad

Music list

Music projection

Music selection
2.2.4.2 Music list

(a) Back
Return to the "Contents" tab.

(b) Projector control
Projector control screen is displayed.

(c) Projection Options
Display the projection options screen.

(d) Add
Open the "Music selection".

(e) Projection
Open the "Music projection" and project from the projector.
In 4-screen mode, projection is not possible.
(f) Music list

Registered video files in LiveViewer Pro app are listed.

Thumbnail
Display Thumbnail.

Title
Display the title.

Artist
Display Artist.

Time
Display the playback time of the file.

File size
Display File size.

You can swap the order of the list by dragging and dropping after long press.
2.2.4.3 Delete music

Delete the music in the next two steps.

**iPhone**

1. Slide the list to the left.
2. Tap "×" icon.

**iPad**

1. Slide the list to the left.
2. Tap "×" icon.

Click the trash can icon again to cancel the "×" icon.
2.2.4.4 Music selection

(a) Back
   Return to the “Music List”.

(b) Select All/Unselect All
   Select or Unselect all the items in the list.

(c) Done
   Add selected music to the music list.
(d) Music selection list

List the music that can be added to the music list.

**Thumbnail**
Display Thumbnail.

**Title**
Display the title.

**Artist**
Display Artist.

**Time**
Display the playback time of the file.

**File size**
Display File size.
2.2.4.5 Music projection

(a) Back
   Display the “Music list”.

(b) Projector Control
   Display the “Projector Control”.

(c) Projection Options
   Display the “Projection Options”.

(d) Music display area
   Display information on the jacket, title, and artist of the selected music.

(e) Music control area
   It controls playback/pause of music.

(f) Start/Stop projection
   Projection will start. If projection is in progress, stop projection.
   In 4-screen mode, projection is not possible.
2.2.5 Web

In the web, you can project the web screen displayed on browser in LiveViewer Pro.
2.2.5.1 Web mode transition
2.2.5.2 Web

(a) Back
   Return to the Contents tab. If projection is in progress, stop projection.

(b) Previous
   Return to the previous page.

(c) Next
   Move to the next page.

(d) Paint mode
   Open “Paint mode”.

(e) Start/Stop projection
   Projection will start. If projection is in progress, stop projection.

(f) Projector control
   Projector control screen is displayed.
(g) Projection Options
   Display the projection options screen.

(h) Browser area
   Open the Web page in this area.
2.2.6 Camera

In the camera, you can project pictures taken with the iOS device camera.
2.2.6.1 Camera mode transition

**iPhone**

Photo shooting → Use photo → Camera projection → Camera projection (Paint mode)

**iPad**

Photo shooting → Use photo → Camera projection → Camera projection (Paint mode)
2.2.6.2 Photo shooting

(a) Flash mode switching
You can switch the flash mode at shooting as auto, on or off.

(b) In-camera/out-camera switching
Switch the camera used for photo shooting as in-camera or out-camera.

(c) Cancel button
Cancel photo shooting and return to the Contents tab.

(d) Shutter button
Take a photo.
2.2.6.3 Use photo

(a) Retake
   Discard the photographed picture and return to the “Photo shooting”.

(b) Use Photo
   Use captured photos and transition to the “Camera projection”.

iPhone

iPad

(a)
Retake

(b)
Use Photo
2.2.6.4 Camera projection

(a) Back
Return to the Contents tab. If projection is in progress, stop projection.

(b) Projector control
Display the “Projector Control”.

(c) Projection Options
Display the “Projection Options”.

(d) Image display area
Display the image to be projected.

(e) Paint mode
Open “Paint mode”.

(f) Start/Stop projection
Projection will start. If projection is in progress, stop projection.
2.2.7 Video Camera

In the video camera, you can project the image of iOS device camera.
2.2.7.1 Video Camera

(a) Focus
   Focus mode is switched.

(b) Switch the camera
   Switch between in-camera and out-camera.

(c) Mute
   Toggle sound on/off.

(d) Resolution
   Switch the camera resolution.

(e) Back
   Return to the Contents tab.
(f) Start/Stop projection

Projection will start. If projection is in progress, stop projection.

To exit the video camera mode, select the "Back" button from the navigation button.
2.2.8 Paint mode

Paint mode can be used in “Document”, “Photo”, “Web” and “Camera” content. Press the Paint mode button in the projection page of each content.
In Paint mode, the following operations are available.

**Upper menu**

(a) Back
   Return to the projection screen.

(b) Save
   Save "Image display area" as image.

(c) Undo
   Undo the last action.

(d) Redo
   Redo the last action.

(e) Start/Stop projection
   Projection will start. If projection is in progress, stop projection.

(f) Projector Control
   Display the “Projector Control”.

(g) Projection Options
   Display the “Projection Options”.
Bottom menu

<table>
<thead>
<tr>
<th>Name</th>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Eraser</td>
<td><img src="image" alt="Eraser Icon" /></td>
<td>Erase the painted content.</td>
</tr>
<tr>
<td>(2) Pen</td>
<td><img src="image" alt="Pen Icon" /></td>
<td>Set the line thickness.</td>
</tr>
<tr>
<td>(3) Highlighter</td>
<td><img src="image" alt="Highlighter Icon" /></td>
<td>Set the thickness and transparency of the line by highlighter pen.</td>
</tr>
<tr>
<td>(4) Shapes</td>
<td><img src="image" alt="Shapes Icon" /></td>
<td>Set the shape (square, circle, straight line) to draw and the thickness of the line.</td>
</tr>
<tr>
<td>(5) Palette</td>
<td><img src="image" alt="Palette Icon" /></td>
<td>Select the color for using &quot;paint mode&quot;.</td>
</tr>
</tbody>
</table>

While "paint mode", you can reduce or enlarge but can't turn page.
2.3 Settings tab

iPhone

(a) Privacy
(b) Clear History
(c) iCloud
(d) Discover Profile
(e) Document Video
(f) Music
(g) Information

(i) Version
2.1.87
Copyright©2017 Maxell, Ltd.
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iPad

(a) Privacy
(b) Clear History
(c) iCloud
(d) Sort Option
(e) Profile
(f) Document
(g) Music
(h) Information
(i) Version
2.1.87
Copyright©2017 Maxell, Ltd.
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Privacy
(a) Clear History
   Delete web browsing history.
(b) Clear Cookies and Data
   Clear cookies and associated data.

iCloud
(c) iCloud
   Select access On/Off to iCloud. When on, the files saved on iCloud will be displayed in the document selection screen. If it is off, only the files stored in local storage is displayed.
Sort Option

(d) Discovery
   - Projector name
     Sort the discovery list in ascending order by projector name.
   - IP address
     Sort the discovery list in ascending order by IP address.

(e) Profile
   - Profile name
     Sort the profile list in ascending order by Profile name.
   - Projector name
     Sort the profile list in ascending order by projector name.
   - IP address
     Sort the profile list in ascending order by IP address.

(f) Document
   - File name
     Sort the document list in ascending order by File name.
   - Date
     Sort the document list in ascending order by File date.
   - File size
     Sort the document list in ascending order by File size.
   - Application
     Sort the document list in ascending order by File format.

(g) Video
   - File name
     Sort the video list in ascending order by File name.
   - Date
     Sort the video list in ascending order by File date.
   - Size
     Sort the video list in ascending order by File size.
   - Time
     Sort the video list in ascending order by Playback time.
(h) Music
   Title
       Sort the music list in ascending order by Title name.
   Artist
       Sort the music list in ascending order by Artist.
   Size
       Sort the music list in ascending order by File size.
   Time
       Sort the music list in ascending order by Playback time.

Information
(i) Version
   Display version information of the application.
2.4  Projector control

2.4.1  Projector control menu

(a) Web Button
Launch the browser and access to the projector web control.

(b) Projector selection menu
Select the projector to be controlled from the connected projectors.

(c) Standby
It turns on and off the power of the projector.

(d) Blank
It performs blank on and off control.
(e) Freeze
   It performs freeze on and off control.

(f) Audio Mute
   Mute control on and off.

(g) Volume
   Control the volume of the projector.

(h) Input channel
   Switch the input channel of the projector.

(i) Back
   Close the Projector control screen.

(j) Option button
   Open “Edit input source label”.

(k) Remote control key
   Perform the same operation as projector remote control keys "↑, ↓, →, ←, ENTER, RESET, MENU".
2.4.2 Edit input source label

(a) Back
Save settings and return to Projector Control menu.

(b) Entry field of Input Source label
Edit the name of the “Input Source”.
Up to 32 characters can be entered.
2.5 Projection Options

(a) Moderator Mode
Open “Operation menu of moderator mode”.
For details of moderator mode, refer to "3. Moderator mode".

(b) User Name
Edit “User Name”.

(c) Display Mode
Switch between full screen mode and 4-screen mode.
(d) Presenter Mode

"Presenter mode" is switched enable and disable. When you turn on "Presenter Mode", you can occupy the projected image of the projector when projecting in full screen mode and prevent interruption from other device.
"Presenter Mode" is disabled at 4-screen mode.

(e) Slideshow

Perform the slideshow setting.

(f) Video

Perform the Video setting.

(g) Music

Perform the Music setting.
2.5.1 Slideshow

(a) Repeat
Set the Slideshow repeat on or off.

(b) Interval (sec)
Set slide change time (sec).

(c) Music
Set music playback on/off for slideshow.
When music playback is turned on, music registered in the music list will be played with the slideshow.
2.5.2 Video

iPhone

iPad

(a) Repeat

Set on or off of repeat playing Video.
2.5.3 Music

(a) Repeat
Set on or off of repeat playing Music.

(b) Shuffle
Set on or off of shuffle playback when music list is played back.
3. Multicast mode

3.1 Multicast

You can transfer the contents of one terminal to up to four projectors simultaneously connected in the same network.
(1) Select multiple projectors from "DISCOVERY LIST" or "PROFILE LIST". Multicast mode is set when more than 2 projectors are selected.

(2) Select the content and press the projection button.

“Input Password” dialog is displayed when “Network Presentation Password” is set to the selected projectors.

[iPhone]

[iPad]

If all the selected projectors are successfully authenticated, projection will be executed.
3.2 Notes on Multicast mode

- This function cannot be used when the projector is already projecting multicast from another terminal. You can only connect to the projector.

- Multicast mode cannot be used during moderator mode.

- Multicast mode is canceled when projector at multicast mode is set to moderator mode.

- You cannot set moderator mode during projecting multicast.
Multicast projection from video list and music list is not supported. Multicast projection of video and music is performed from video projection screen or music projection screen.
4. Moderator mode

In an environment where multiple devices are connected to the same projector, if one device is set as a moderator (host), the moderator can instruct projection of all devices.
・ Tap the [Settings] button to display the moderator mode password input screen. However, during moderator mode, the moderator mode operation is displayed.

・ When set to moderator mode, turn off all displays of the projecting device.

・ If device becomes a moderator's client, the [Settings] button will be disabled.

・ When the moderator closes the moderator operation screen without turning off the moderator mode, it maintains the state of moderator mode. When you press the [Setting] button in moderator mode, the moderator mode operation screen is displayed again.

・ When the moderator disconnects from the projector without turning off the moderator mode, it automatically cancels the moderator mode.

・ When the network restart of the projector is executed, the moderator mode is canceled forcibly.

・ When "Moderator mode cancel" is executed from the projector menu, forcibly cancel moderator mode. In this case, only the moderator mode is turned off, and the connection of the terminal is maintained.

・ When "Network restart" or "Disconnect the network display" is executed from the projector menu, the moderator mode is canceled forcibly.
4.1 Operation menu of moderator mode

(a) Back
Leave moderator mode and close the moderator mode operation screen.
The image output status is maintained.

(b) Display window
Display the user name of the assigned device.

(c) Display Off
Turn off the display window.

(d) Display On
Turn on the display window.
If the client is Windows or Mac, it is projected by display on operation, but if the
client is Android or iOS, only the projection authority is given and projection is done
from the client side.
(e) Blank
   Turn on/off control (toggle) on the projector blank.

(f) Freeze
   Turn on/off control (toggle) freeze function by the projector.

(g) Moderator mode off button
   Turn off moderator mode and return to the main.
   All images will be stopped.

(h) Display mode : full screen
   Switch the display mode as full screen.

(i) Display mode : 4-screen
   Switch the display mode as 4-screens.

(j) Clear
   Clear the device registered in the display window.
   All images will be stopped.

(k) Device selection
   Tap this area to display the connection list screen.
   NO. 1: Select the terminal to be assigned at full screen mode or to the upper left at 4-screen mode.
   NO. 2: Select the terminal to be assigned to the upper right at 4-screen mode.
   NO. 3: Select the terminal to be assigned to the lower left at 4-screen mode.
   NO. 4: Select the terminal to be assigned to the lower right at 4-screen mode.
4.2 Connection list screen

(a) Back
Assign the terminal selected in the user list to the specified area.
If you select None, the assignment of the selected area is cleared.

(b) User list
Displays a list of terminals connected to the projector. A terminal already assigned to the display area cannot be selected.

If another terminal connects to the projector while this screen is displayed and becomes a client in moderator mode, the list will be updated at that point.
4.3  Operation in moderator mode (Full screen)

4.3.1  Device assignment
4.3.2 Display operation

During Miracast projection, even if you do a display operation on the moderator side, projection cannot be performed.
4.4 Operation in moderator mode (4 screens)

4.4.1 Device assignment

[Diagram showing the device assignment process with iPhone as the device type]
4.4.2 Display operation

Unassign

Project area with check box on

Do not project area with check box on
Do not project area with check box on

Unassign

Project area with check box on

Do not project with check

iPad
4.4.3 Switch screen mode (Full screen ⇔ 4-screen)

iPhone

iPad
4.5 Moderator mode client operation

- When the connected projector transitions to moderator mode by another terminal, it displays a message and transitions to the state of the client in moderator mode.

- When the currently connected projector is set to the moderator mode, the [Setting] button in the moderator mode on the projection option screen becomes invalid. (The moderator's [Setting] button in moderator mode remains active.) When the moderator mode is canceled, the [Setting] button in the moderator mode on the projection option screen becomes effective.

- If the moderator mode is set while the connected projector is shooting, the image is turned off.

- Presenter mode setting is invalid in moderator mode.

- Projection operation in moderator mode is done from the client side. However, projection cannot be performed if the moderator does not assign picture authority.

- You cannot display video/music as 4-screen.
5. iCloud

5.1 Use iCloud

In LiveViewer Pro, you can download documents and setting data saved in iCloud to use in a terminal. Objective data are Profile, Documents, Input Source Label and Bookmark. Photo, Video and Music are not supported.

Turn on the iCloud button in the setting page for iCloud usage.

If you turn on the iCloud button, get data from iCloud and save data in iCloud,

If used iCloud, you can share Profile, Documents, Input Source Label and Bookmark data in multiple devices.
[Profile]

You can use the profile in terminal B which is created by terminal A.
If iCloud is set to ON, documents in iCloud are displayed in document selection list.
You can copy the local storage document to iCloud from iTunes button.

By using iCloud, you can use the local document in another terminal.
You can share input source label in Projector Control page.
[Web]
You can share web content bookmarks.

Terminal A

Terminal B
5.2 Exit iCloud

To finish using iCloud, turn off the iCloud button in “SETTINGS” page.

If you set iCloud button off, the following message will be displayed.

(a) Keep on My iPhone/iPad --- Leave the downloaded file in the terminal.
(b) Delete from My iPhone/iPad --- Delete the downloaded file in the terminal.
(c) Continue Using iCloud --- Continue the iCloud function. (iCloud function is kept ON.)
5.3 Notes on using iCloud

- If you use iCloud, you need to configure iCloud in your terminal.

- If you use iClouds to share data in real time, please make same account settings for multiple terminals.

- If you use iCloud, you need to connect to the internet.

- After you upload files and settings, it may take time to be reflected in other terminals.