User’s Guide for Using AV Equipment at F.A.M. Lecture Theatre (LT8) and Benjamin Kwok Lecture Theatre (LT16)
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PC
To use the network computer installed at the Teacher’s Desk.

Laptop
To use a Laptop Computer.
(User must connect the VGA or HDMI cable provided at the Teacher’s Desk to Laptop Computer first.)

Visualizer
To use the Visualizer (document camera) on the teacher’s Desk

Aux In
To use user’s portable AV equipment.

DVD
To use DVD Disc Player installed at the AV Cabinet, for playing DVD, VCD or CD.

Video Net
For routing of AV signals for special Events.

VCR
To use the Video Cassette Recorder installed at the AV Cabinet, for playing the VHS tape.

Cassette
To use Cassette Tape Recorder installed at the AV Cabinet.

Room Control
To select one of the six pre-set light settings.

System Off
To switch off the power of the AV system.
(Please remember to press this button before leaving the Lecture Theatre.)

Sound Volume
To increase or decrease the sound level except the Microphone volume.

Projection Control
To Control projectors directly. (e.g. Display Ratio 4:3 or 16:9, video mute, etc.)
Way to playback DVD, VCD or CD by using the DVD Player
1. Press the icon “**DVD**”.

2. Press the projector(s) for “**DVD**” display

3. Wait for around 40 seconds for projector warm-up.

4. Press “**DVD Control**” to control the DVD Player.

5. Press the “**POWER**” button on the DVD Player’s front panel to turn it ON.

6. Open the Disc Tray and place the disc on the disc tray.

7. Press the “**PLAY**” button to start playback.

8. After use, press the “**STOP**” button, the playing Disc will stop.

9. Press the “**System Off**” icon to turn off the Video Projector.
1. Connect the AV cables to your AV equipment.

2. Press the icon “Aux In”.

3. Press the projector(s) for “Aux In” display

4. Wait for around 40 seconds for projector warm-up.

5. After use, press the “System Off” icon to turn off the projector.
1. Press the icon “PC”.

2. Press the projector(s) for “PC” display

3. Turn on the Network Computer.

4. Wait for around 40 seconds for projector warm-up.

5. After use, press the “System Off” icon to turn off the projector.
1. Connect either VGA or HDMI cable to your Laptop Computer.

2. Set the resolution of your Laptop Computer to 1280x768 pixels or below when connecting HDMI cable.

3. Connect the audio cable to your Laptop Computer (when connecting VGA cable), if there is audio signal in the presentation material.

4. Press the icon “Laptop”.

5. Press the projector(s) for “Laptop” display.

6. Wait for around 40 seconds for the projector to warm-up.

7. After use, press “System Off” icon to turn off the projector.
Way to display the Visualizer image

1. Press the icon “Visualizer”.

2. Press the projector(s) for “Visualizer” display.

3. Wait for around 40 seconds for the projector to warm-up.
   When projector is just switched off from previous user, it requires a “cool-down to warm up” time of around 4 minutes.

   *The Visualizer will turn-on automatically. Please select the appropriate lighting mode of the Visualizer.

   *Please refer to the “Visualizer-Operation Guide” for more details.*

   *Place the object/document/transparency onto the Stage, adjust the viewing area using the Zoom buttons [IN] & [OUT], and press the Auto Focus button [AUTO] for focusing*

4. After use, press the “System Off” icon to turn off the projector.
Way to set room lighting

1. Press “Room Control” icon then
2. Select the desired light presets
Way to control the projectors

1. Press “Projects Control” icon then

2. Select the desired function of projectors
# Front Operation Panel

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<th>Name</th>
<th>Function</th>
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<td>To pause the image.</td>
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<td>⑩ Posi/Nega Conversion</td>
<td>To switch Posi/Nega.</td>
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<td>⑪ Lamp</td>
<td>To switch the lighting.</td>
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Steps for Showing Transparent Material

Front operation panel

(1) Press the [LAMP] button on the front panel to light up the base light (the lighting for the transparent documents) built in the stage.

(2) To turn OFF the base light, press the [LAMP-BASE] button on the front panel again.

Lighting

Front operation panel

The upper lamp unit for presenting material such as printed matter and 3-D objects, and the base lamp for presenting transparent material, such as slide, and negative films, are built in to this product. When the [LAMP] button on the front operation panel is pressed, the fluorescent lamp lights up in 1 to 3 seconds.

Front operation panel

Every time the [LAMP] button is pressed, lighting is switched in a cycle of the upper lamp lights up → the base lamp lights up → the base lamp goes out.

It is impossible to have the upper lamp and the base lamp lit up together.

To obtain a sharp image with good color rendering, it is sometimes necessary to use the upper lamp.
Press the [TELE] button on the front operation panel, and the image will gradually be enlarged.

Press the [WIDE] button on the front operation panel, and the image will gradually be reduced.

Also, by continuously pressing the zoom button, the speed of zooming operation becomes faster. (Double speed function)
The camera of this product automatically adjusts the shooting color balance (AUTO mode). However, depending on the color arrangement of document or the like, this color balance may be lost. In such case, shoot the stage surface, and press the [WHITE BALANCE] button on the front operation panel. Then, the indicator lamp blinks and then lights up, and the white balance is fixed. (ONE-PUSH mode)
When the [WHITE BALANCE] button is pressed again, the indicator lamp goes out, and the mode returns to the AUTO mode.

AUTO ................. To set the white balance in the auto follow mode (initial setting).
ONE-PUSH ............ To set the push-set white balance. By pressing the [WHITE BALANCE] button, the white balance for the then color temperature is fixed.

The automatically followed color temperature ranges from approx. 3000K to 8000K.

When the white balance is set to the MANUAL mode on the OSD, the white balance is fixed, and the indicator lamp remains lighting. When the white balance button [WHITE BALANCE] on the operation panel is pressed while the indicator lamp is lighting, the indicator lamp goes out, and the mode is switched to the AUTO mode.
To adjust the brightness of image by adjusting the diaphragm.
- Auto iris .............. Adjusts brightness automatically.

**Auto iris adjustment**
To adjust the level of brightness automatically according to the object.
Press the iris button [OPEN] on the front panel to open the iris.
Press the iris button [CLOSE] on the front panel or
[IRIS-CLOSE] button on the wireless remote control to close the iris.

**Manual iris adjustment**
To lock the image to a certain brightness. Press the iris button [AUTO/MANUAL] on the front panel, then the indicator lamp goes ON to enable the adjustment by manual iris.
Press the iris button [OPEN] on the front panel to open the iris.
Press the iris button [CLOSE] to close iris.
Press the iris button [AUTO/MANUAL], again and the indicator lamp goes OFF, to return to the auto iris.

The default setting is Auto iris.

In time of manual iris, the iris is locked, and does not follow the brightness change of the object.
Adjust the focus of the object.

**Auto Focus**

Press the auto focus button [AF] on the front panel, to activated the auto focus.

While the auto-focus is in operation, the indicator lamp on the front panel blinks until the object is brought into focus. This product features a one-push auto focus function. Once focusing is completed, the auto focus function is released, and the focused position maintains unchanged (FOCUSFREE).

- The objects listed below may not be brought into focus in the auto focus mode. In these cases, use the manual focus mode.
  - Objects bearing little contrast
  - Objects with fine repeated patterns, such as lateral stripes and cross stripes
  - Objects glittering or reflecting strong light
  - Objects with bright background, or excessive contrast
  - The whole image is dark.
  - Objects located near and far away at the same time
  - Objects in motion

If the manual focus button [FOCUS-NEAR] or [FOCUS-FAR] on the wireless remote control is pressed, the auto focus will be canceled.

The auto focus function works up to a height of approx. 10cm (3.9 in) above the stage surface when the zoom button [TELE] is set to the maximum.

**Powered Manual Focus**

To focus on specific part of the material, such as 3-D material.

Press the focus button [FOCUS NEAR] or [FOCUS FAR] on the wireless remote control.

The powered manual focus function works up to a height of approx. 10cm (3.9 in) above the stage surface when the zoom button [TELE] is set to the maximum.