

AeroCaster Switcher

Owner's Manual

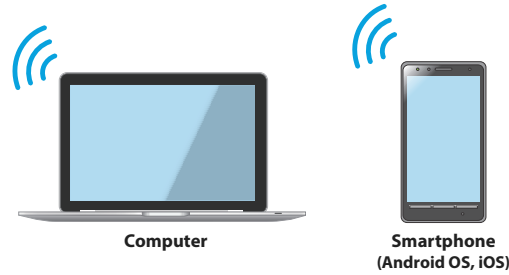
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Connecting Your Devices

Satellite camera (p. 6)



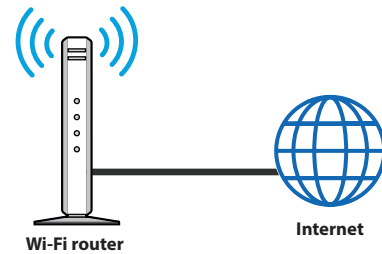
Web browser (p. 7)



- * Requires an Internet connection.
- * Supported browser: Google Chrome (latest version recommended)

Access the following website for the latest information on which products can be used.

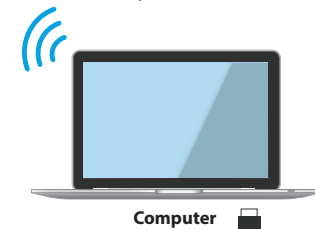
https://roland.cm/ac_sw_om



- * An Internet connection is not required when using a satellite camera.

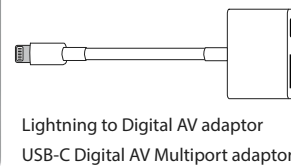
Activation (p. 3)

- * Only required on initial startup
- * Requires an Internet connection.



USB cable

You can connect a total of five source devices, including satellite cameras, the built-in camera on your iPad and Web browsers.



HDMI cable

- * We recommend the use of Apple genuine products.



Roland video switcher with USB streaming support

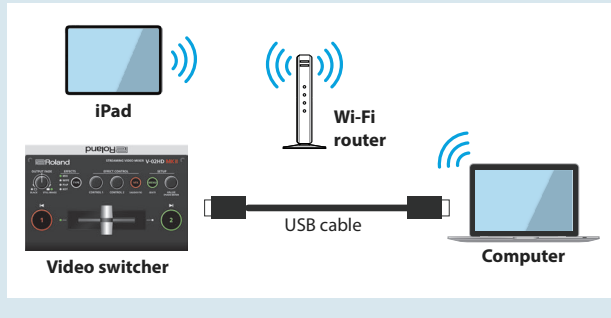
Activating the AeroCaster Switcher App

You must activate the AeroCaster Switcher app in order to use it. The activation screen appears when you first launch the AeroCaster Switcher app.

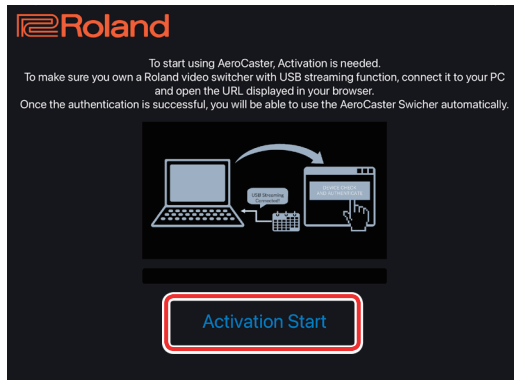
Getting Ready

Before you start, use a USB cable to connect your computer to a Roland video switcher that supports USB streaming.

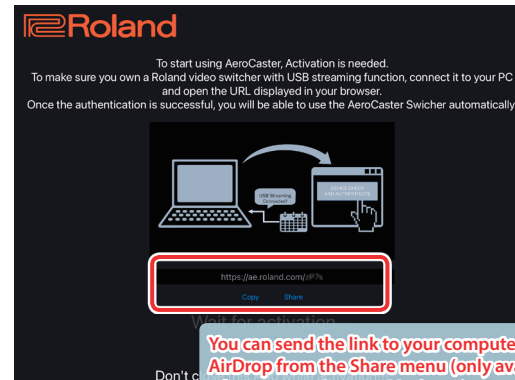
- * Both the iPad and your computer must be connected to the Internet for activation. The devices must also both be connected to the same Wi-Fi network.



- 1 Launch the AeroCaster Switcher app and tap “Activation Start.”



An activation link is shown.



- 2 From your computer's Web browser, open the link shown on the activation screen and click the [Device check and authenticate] button.



Once activation is complete, the iPad screen changes, and you can now use the AeroCaster Switcher app.

Panel Descriptions

[to PGM directly] switch

Turns PGM direct mode (a function that lets you immediately see the final output of the selected video) on/off (p. 11).

[TAKE] button

Generates the final output of the preview video (p. 11).
* This is enabled when the [to PGM directly] switch is off.

PROGRAM area

Displays the final output video.

PREVIEW area

Previews the videos selected in MEDIA, SCENE or INPUT.

[FADE] button

The final output video fade in/out.

App settings menu

This configures the settings for the AeroCaster Switcher app.

Item	Explanation
Bitrate	Sets the bit rate used when connecting a satellite camera or your computer via Wi-Fi. The edits you make are applied once you reconnect the satellite camera or computer.
About	Shows the version of the AeroCaster Switcher app.

Output menu

Sets which video is to be output.

Value	Explanation
PROGRAM	Final output video
PREVIEW	Preview video

Video sources

Selects the videos to output from MEDIA, SCENE or INPUT.

MEDIA

Tap "+" to register an image or video that's on your iPad (p. 8).

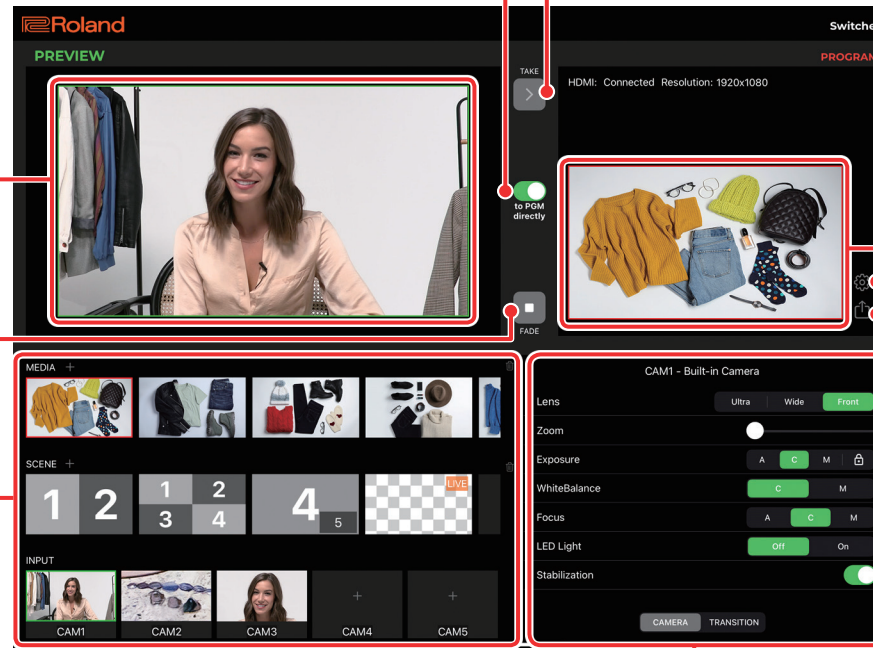
SCENE

Tap "+" to register a screen layout (scene) that uses DSK or PinP composition (p. 9).

INPUT (CAM1-5)

Tap "+" to assign the input video from your satellite camera or built-in camera (p. 6).

You can input and assign the video from your computer or smartphone via a Web browser (p. 7).



CAMERA and TRANSITION menus

These menus contain the related settings for the cameras assigned to CAM1-5 and the video transition effects. Tap either the "CAMERA" tab or the "TRANSITION" tab to switch between menus.

CAMERA menu * The menu items and values displayed may differ, depending on the model you use.

Item	Explanation
Lens	Selects the lens to use from the lenses that are built in, including wide-angle, telephoto, front-facing and so on.
Zoom	Adjusts the zoom factor.
Exposure	Sets the exposure mode. When in manual mode, you can adjust the ISO sensitivity and shutter speed. A: Auto mode C: Continuous mode M: Manual mode

Item	Explanation
WhiteBalance	Adjusts the white balance. In manual mode, this adjusts the color temperature and hue.
Focus	Sets the focal point.
LED Light	Turns the camera light on/off. * Only for models with a built-in LED flash.
Stabilization	Turns the image stabilization on/off.

TRANSITION menu

This menu switches between cut, mix and wipe.

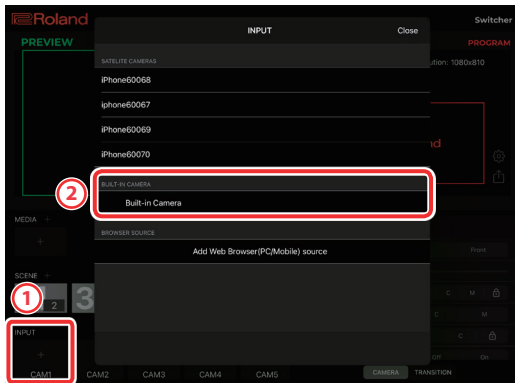
Tap ">" to edit the settings.

Getting Ready

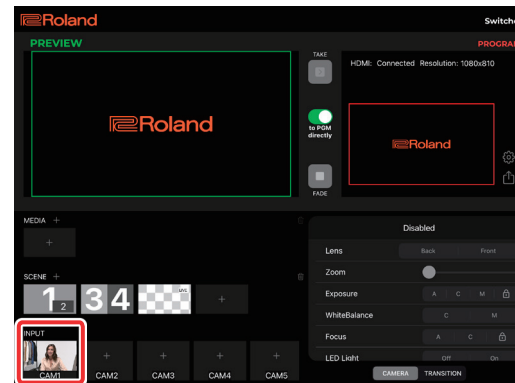
Inputting Video from the Built-in Camera (INPUT)

Assign the video input from the built-in camera on the iPad to INPUT CAM1–5.

- 1 Tap INPUT "+" (CAM1–5), and select "Built-in Camera" from the list.

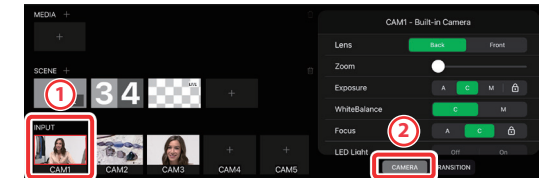


The input source is assigned.



Configuring the built-in camera

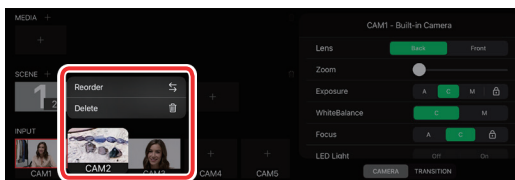
- 1 Tap the input source for which you wish to configure the camera, and tap the "CAMERA" tab.



- 2 Tap the items in each menu (p. 4) to configure the camera.

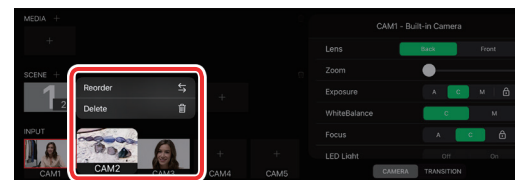
Deleting an input source

- 1 Long-press the input source you wish to delete, and tap "Delete."

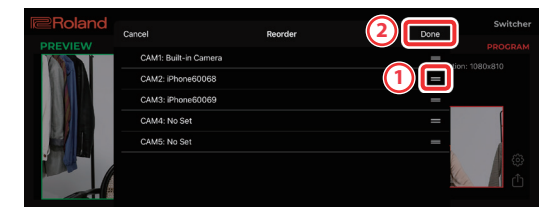


Changing the order of the input sources

- 1 Long-press the input source and tap "Reorder."



- 2 Tap and keep your finger on the "≡" icon, and drag it to the position where you want to reorder and tap "Done."



Inputting Video from a Satellite Camera (INPUT)

You can use the iPhone as a satellite camera, and send camera video from up to four devices to the AeroCaster Switcher app. Assign the video input from the satellite camera to INPUT CAM1–5.

* Both the iPhone and iPad must be connected to the same Wi-Fi network.

Getting Ready

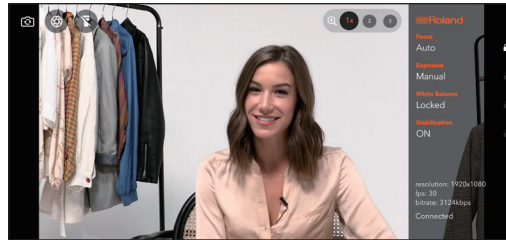
You must first install the **AeroCaster Camera app** on your iPhone.

The AeroCaster Camera app can be downloaded from the Roland website.

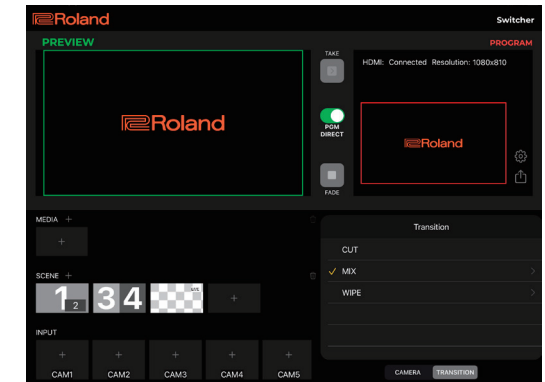
https://roland.cm/ac_sw_om



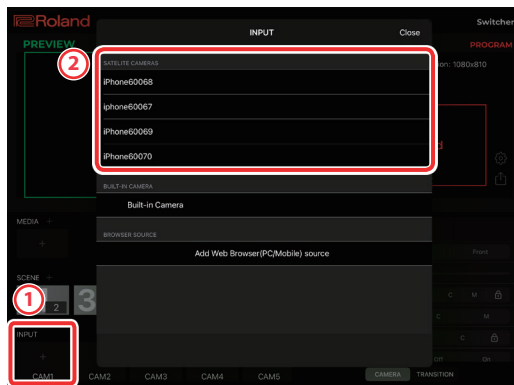
1 Launch the AeroCaster Camera app on the iPhone.



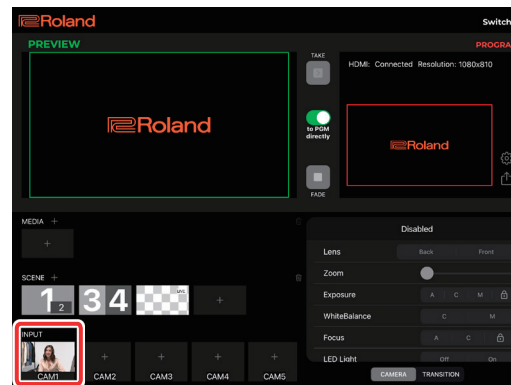
2 Launch the AeroCaster Switcher app on the iPad.



3 Tap INPUT “+” (CAM1–5), and select the name of the satellite camera from the list.

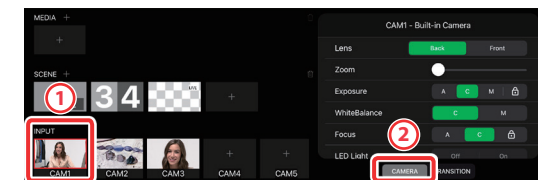


The input source is assigned.



Configuring the satellite camera

1 Tap the input source for which you wish to configure the camera, and tap the “CAMERA” tab.



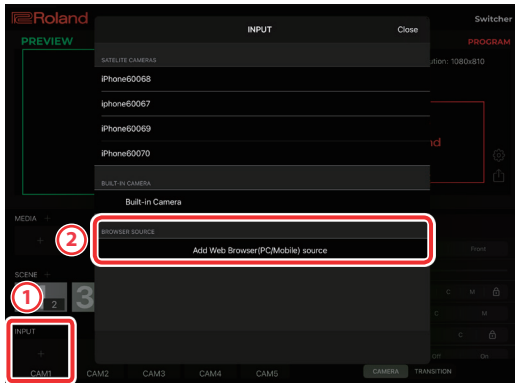
2 Tap the items in each menu (p. 4) to configure the camera.

Inputting Video from a Computer or Smartphone (INPUT)

You can send the video from your computer or smartphone (Android OS or iOS) to the AeroCaster Switcher app via your Web browser, and assign it to INPUT CAM1-5. You can also share your computer's screen.

- * The iPad and computer or smartphone must be connected to the Internet. All devices must be connected to the same Wi-Fi network.
- * Supported browser: **Google Chrome** (latest version recommended).

1 Tap INPUT "+" (CAM1-5) and select "Add Web Browser (PC/Mobile) source" from the list.

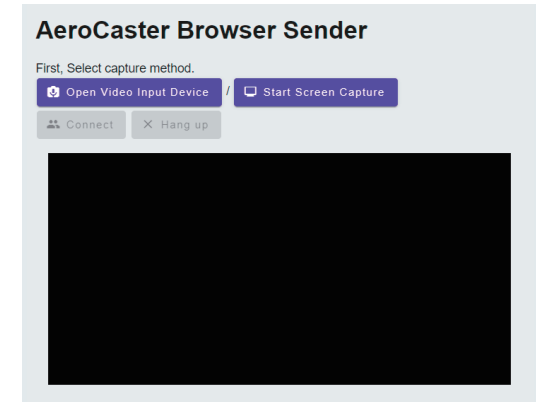


The link appears in the "Add Browser Source" dialog box.

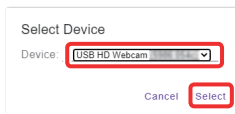


You can send the link to your computer or smartphone using AirDrop from the Share menu (only available on Mac or iPhone) or via e-mail.

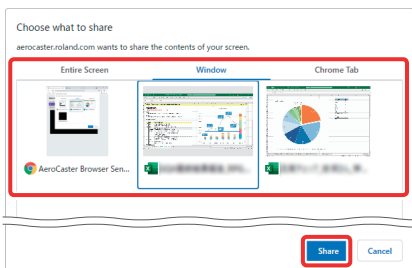
2 On the Web browser of your computer or smartphone, open the link shown in the "Add Browser Source" dialog box.



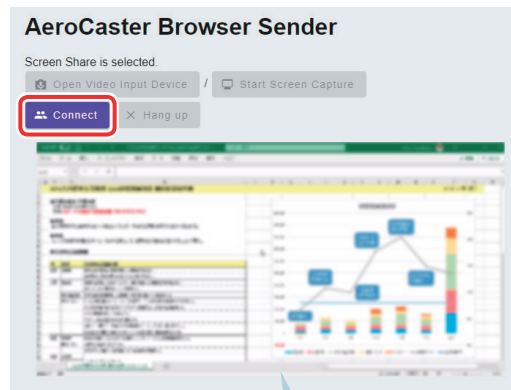
3 Click the [Open Video Input Device] button, select a video device from the list and click the [Select] button.



To share the screen, click the [Start Screen Capture] button, select the contents to share, and click the [Share] button (for computers only).

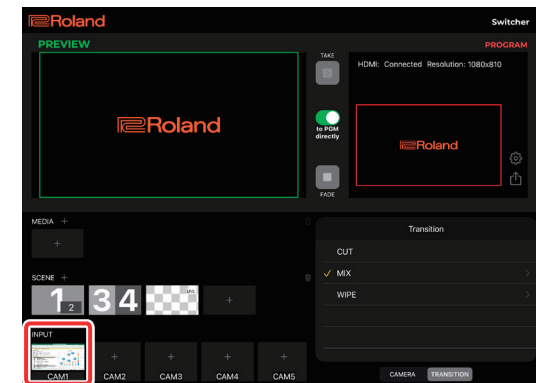


4 Click the [Connect] button.



The video to be sent to the AeroCaster Switcher app is shown as a preview.

The input source is assigned.

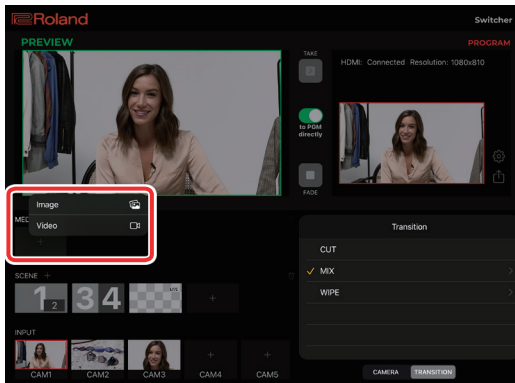


- * On your Web browser, click the [Hang up] button to remove the input source assignment.

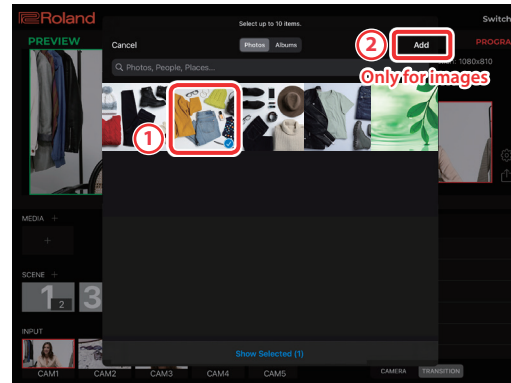
Assigning Images and Video on Your iPad (MEDIA)

You can register the images and video stored on your iPad to be used as a video source.

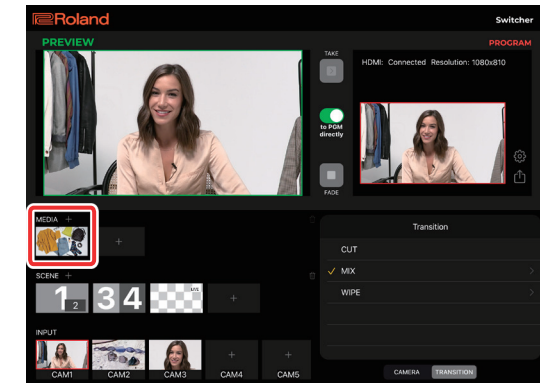
- 1 Tap MEDIA “+” and then tap “Image” or “Video.”



- 2 Tap the images and videos you want to register. For images, tap “Add.”



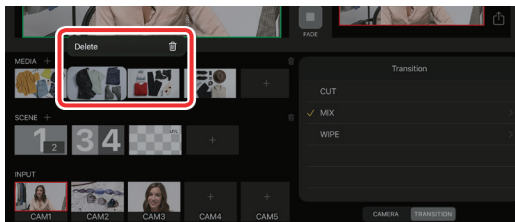
The images or videos are now registered.



The list of images and videos appears.

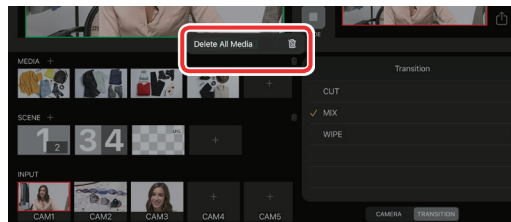
Deleting one image or video at a time

- 1 Long-press the image or video you wish to delete, and tap “Delete.”



Deleting all images or videos at once

- 1 Tap the trash can icon, and tap “Delete All Media.” Then tap “Delete” in the confirmation dialog box.

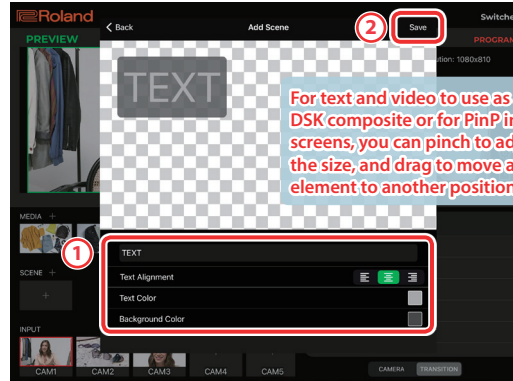


Registering the Screen Layout (SCENE)

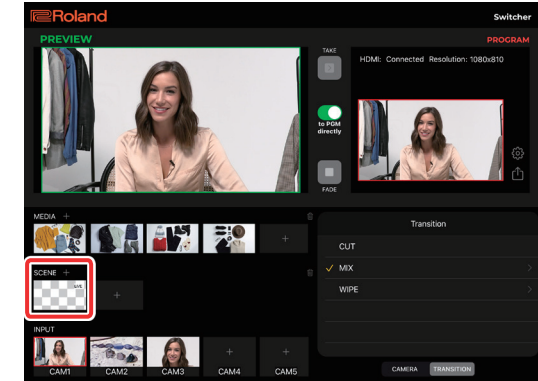
By registering a screen layout as a “scene” that uses DSK or PinP composition, you can combine and output multiple videos. When you select the scene during a video transition, the screen layout switches to the layout you registered.

1 Tap SCENE “+” and select a screen layout from the menu.

2 Tap the items in each menu to edit the settings, and then tap “Save.”



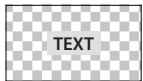
The scene is now registered.



DSK (OVERLAY)

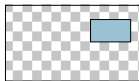
You can use DSK (downstream keyer) to create composites with text and video.

TEXT



Composites a block of inputted text.

MEDIA

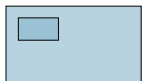


Composites the images and videos registered in MEDIA (p. 8).

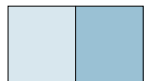
COMPOSITION

You can composite multiple input videos into a single screen.

PinP

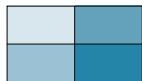


SPLIT



Split left-right

QUAD



Split into quarters

TEXT

Item	Explanation
Text	Used for inputting text.
Text Alignment	Sets how the text is aligned or arranged.
Text Color	Sets the text color.
Background Color	Sets the text background color.

MEDIA

Item	Explanation
Select Media	Selects materials for compositing from the images and videos registered in MEDIA.

PinP

Item	Explanation
MAIN	Selects the background video.
SUB	Selects the inset screen video.
Border Color	Specifies the color of the border for the inset screen.
Border Width	Adjusts the width of the border for the inset screen.

SPLIT

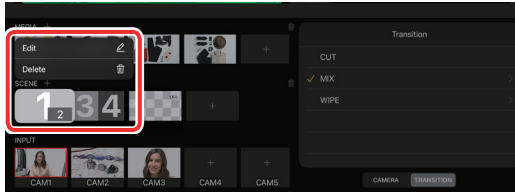
Item	Explanation
Left	Selects the video to arrange to the left side.
Right	Selects the video to arrange to the right side.
Border Color	Specifies the color of the border.
Border Width	Adjusts the width of the border.

QUAD

Item	Explanation
Top Left	Selects the video to arrange to the upper left side.
Top Right	Selects the video to arrange to the upper right side.
Bottom Left	Selects the video to arrange to the lower left side.
Bottom Right	Selects the video to arrange to the lower right side.
Border Color	Specifies the color of the border.
Border Width	Adjusts the width of the border.

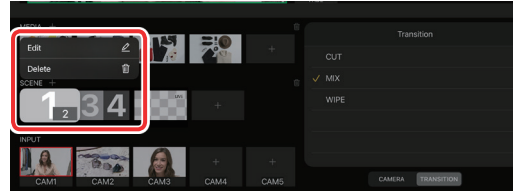
Editing a scene

- 1 Long-press the scene you want to edit, and tap "Edit."



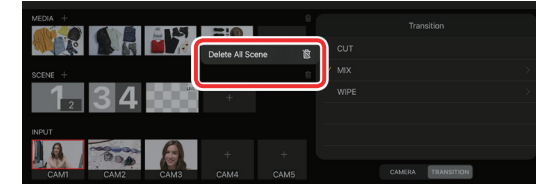
Deleting one scene at a time

- 1 Long-press the scene you want to delete, and tap "Delete."



Deleting all scenes

- 1 Tap the trash can icon, and tap "Delete All Scene." Then tap "Delete" in the confirmation dialog box.

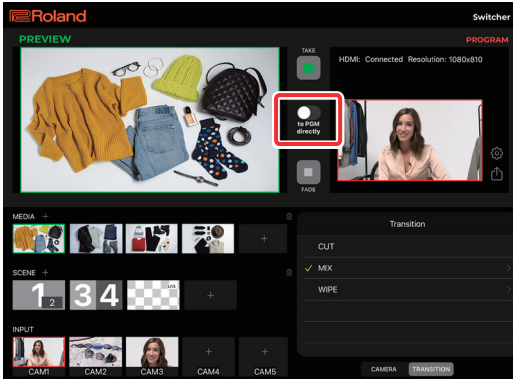


Switching the Video

Switching After Checking the Video in Preview

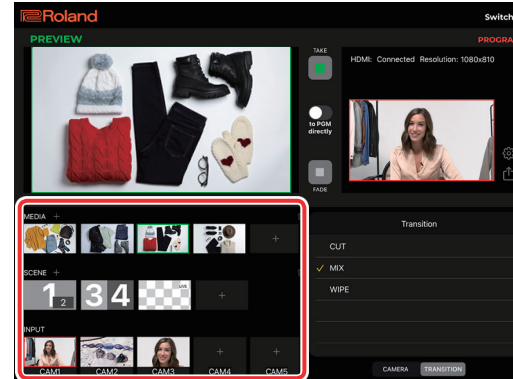
This shows you how to switch to the output video, after using the preview to check the next video to output.

1 Turn the [to PGM directly] switch off.



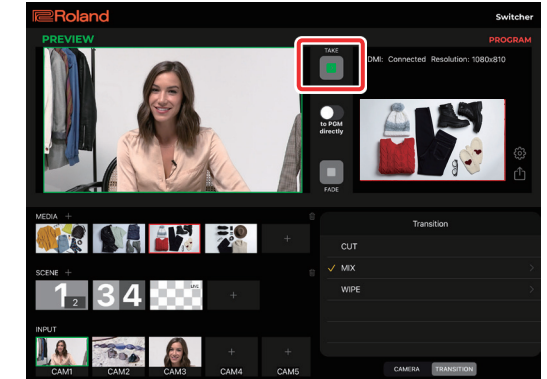
2 Tap the video (MEDIA, SCENE or INPUT) that you want to output.

The selected video is shown in the preview area.



3 Tap the [TAKE] button.

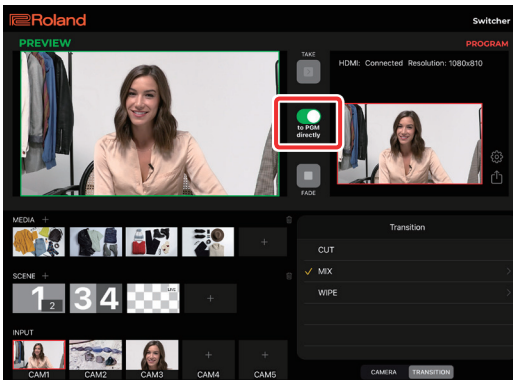
The view switches the final output video.



One-touch Switching (PGM Direct Mode)

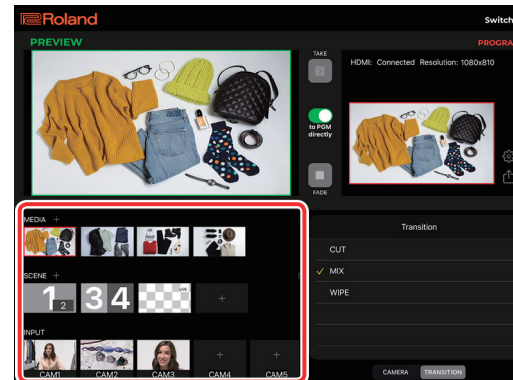
In this mode, the output video switches immediately once you select a video.

1 Turn the [to PGM directly] switch on.



2 Tap the video (MEDIA, SCENE or INPUT) that you want to output.

The view switches the final output video.



Selecting a scene

For the scene, you can select one composition scene and two DSK scenes at the same time.

