IP Remote

User Guide

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Introduction

Package

The package offered is made up of the following apps. Confirm which one you will use.
Install the correct IP Remote app from below.

IP Remote	Android app
IP Remote for Professional Displays and Projectors	iOS app

1. Overview

The IP Remote app can be used to operate BRAVIA from a mobile device via the network. In addition to performing basic operations like controlling power and changing inputs, it can also instruct HTML5 apps to launch and operate multiple BRAVIA units simultaneously. In addition, Ver1.1.0 supports projector operations while Ver1.4.0 also supports PTZ camera and Crystal LED display controller operations.

2. Required Environment

To run the app, you will need a mobile device and the BRAVIA, projector, PTZ camera, or Crystal LED display controller to be operated. This section explains the environment required to use the IP Remote app.

<Mobile device>

OS	Android 11.x or higher, iOS 18.x or higher
Display	640 x 960 or higher resolution (recommended)

＜BRAVIA＞

BRAVIA models running Android 10 or later that support Pro mode

＜Projector＞

Projectors that support ADCP and PJ Talk

＜PTZ Camera＞

SRG-A40，SRG-A12，BRC-AM7

＜Crystal LED display controller＞

ZRCT-300

3. Preparation

You must prepare the following hardware and software prior to use.

<Mobile device>

Mobile device	Refer to "**2. Required Environment**"	Required
IP Remote app	Install the IP Remote app from the corresponding app store.	Required

<BRAVIA>

BRAVIA	Refer to "**2. Required Environment**"	Required
	Set the method of authentication. This setting is required to operate BRAVIA using the IP Remote app. • Enable authentication ○ Network > Home network setup > IP control > Authentication Set authentication to "Pre-Shared Key" or "Normal and Pre-Shared Key". ○ Network > Home network setup > IP control > Pre-Shared Key Set your preferred character string. • Disable authentication ○ Network > Home network setup > IP control > Authentication Set to "None". **Enable Simple IP Control.** Enabling Simple IP Control is required to turn power on with the IP Remote app. • Android TV model ○ Network > Home network setup > IP control > Simple IP control Set to "On". For HTTPS communication support models 1. Set the Remote Control function to ON. • Network and Internet > Mobile Device Settings > Remote Control Function 2. Export the root certificate from the BRAVIA unit to USB memory. • Network and Internet > Home Network > IP Control > Root certificate > Export Root certificate 3. Install the root certificate on the mobile device. *A root certificate must be exported and installed on the mobile device for each BRAVIA unit to be operated. • Android devices ○ Security & privacy > More security & privacy > Encryption & credentials "Install a certificate" or "Install certificates from storage" Select the root certificate from the File Manager. Select Install as a CA certificate. • iOS devices ○ Select and download the root certificate.	Required

	○ Select the downloaded certificate in Settings > General > VPN & Device Management (or Profile) and trust the root certificate to install. ○ Refer to the official page below for the procedure. ✧ Trust manually installed certificate profiles in iOS, iPadOS, and visionOS - Apple Support (PH) * The installed certificate affects not only the communication with the BRAVIA but all HTTPS communication from the mobile device. If the root certificate or private key is leaked from the BRAVIA, there is a risk that arbitrary servers may be trusted and enable the interception of communications and access to unauthorized web sites. If such a risk arises or if the root certificate is no longer required, promptly uninstall the applicable root certificate.	

<Projector>

Projector	Refer to "**2. Required Environment**"	Required

	For your projector's setting details, refer to the applicable instruction manual of your projector.
	
	Enable the ADCP service.
	Enabling ADCP service is required to operate a compatible projector with the IP Remote app. It is not possible to operate projectors that are not compatible with ADCP service.
	Access the URL http://xxx.xxx.xxx.xxx (xxx.xxx.xxx.xxx: projector's IP address) in a web browser and conduct settings.
	• Enable "start ADCP Service" in ADCP
	Set Port No. to "53595" and Timeout to "60"
	  ○ Enable authentication
	  ▪ Enable "Requires Authentication" in ADCP
	  ▪ Set the administrator password in PSK of the IP Remote app
	  ○ Disable authentication
	  ▪ Disable "Requires Authentication" in ADCP
	  ▪ Do not designate PSK of the IP Remote app
	
	Enable the PJ Talk service.
	Enabling PJ Talk service is required to operate a compatible projector with the IP Remote app. It is not possible to operate projectors that are not compatible with PJ Talk service.
	Access the URL http://xxx.xxx.xxx.xxx (xxx.xxx.xxx.xxx: projector's IP address) in a web browser and conduct settings.
	• Enable "Start PJ Talk Service" in PJ Talk
	Set Community to "SONY", Port No. to "53484", and Timeout to "30"
	
	Set standby mode to standard.
	Setting the standby mode to standard is required to turn power on with the IP Remote app.
	• Set the standby mode to "Standard" from the menu of the projector
		Required

<PTZ Camera>

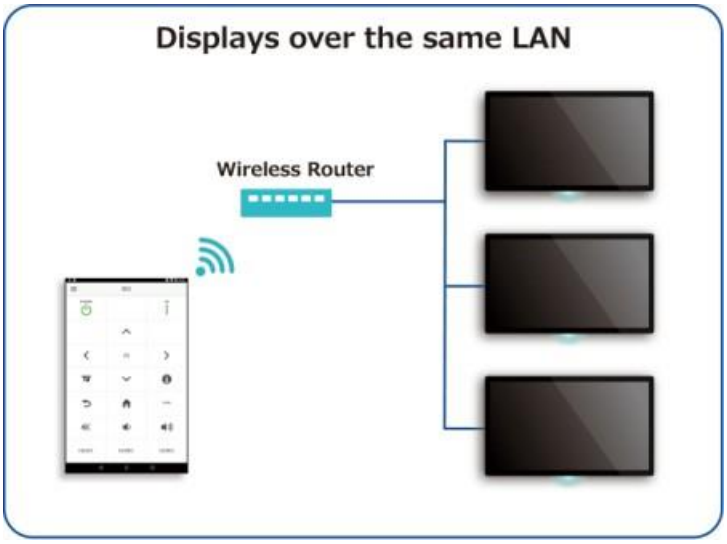
PTZ Camera	Refer to "**2. Required Environment**"	Required
	For details about how to configure a PTZ camera, refer to the instruction manual for each PTZ camera. Initial password setting Enter the IP address of the camera in the address bar of the web browser and press Enter. When prompted to enter your user name and password, enter the Administrator user name and leave the password blank to log in for the first time. Administrator user name: admin Password: blank After logging in, you will be asked to set the Administrator password. When the [OK] button is pressed, the setting change completes and you will be asked to enter the Administrator user name and password once again. Enter the configured Administrator user name and password.	Required

< Crystal LED display controller >

Crystal LED display controller	Refer to "**2. Required Environment**"	Required

	For your Crystal LED display controller setting details, refer to the applicable instruction manual of your Crystal LED display controller.
	
	Enable the ADCP service.
	Enabling ADCP service is required to operate a compatible Crystal LED display controller with the IP Remote app. It is not possible to operate Crystal LED display controller that are not compatible with ADCP service.
	Access the URL http://xxx.xxx.xxx.xxx (xxx.xxx.xxx.xxx: projector's IP address) in a web browser and conduct settings.
	• Enable "start ADCP Service" in ADCP
	Set Port No. to "53595" and Timeout to "60"
	  ○ Enable authentication
	  ▪ Enable "Requires Authentication" in ADCP
	  ▪ Set the administrator password in PSK of the IP Remote app
	  ○ Disable authentication
	  ▪ Disable "Requires Authentication" in ADCP
	  ▪ Do not designate PSK of the IP Remote app
		Required

<Other>

Network environment	Connect the mobile device and the operating device over the secure local area network.  	Required

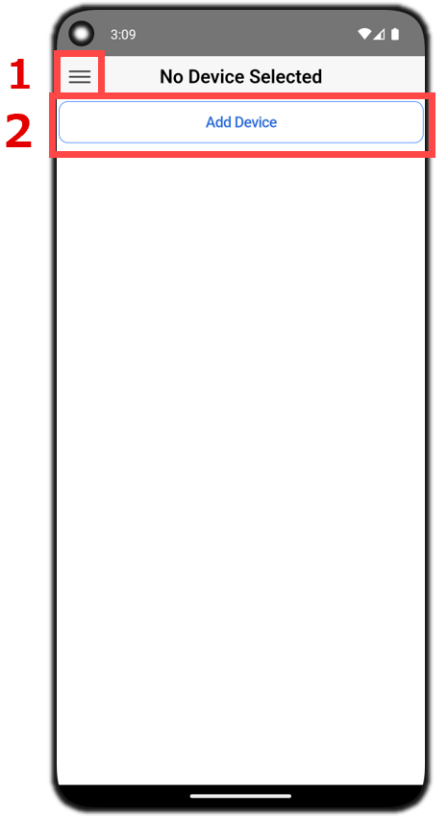
4. Screen Components

This section explains the names and functions of the IP Remote app major screen components.

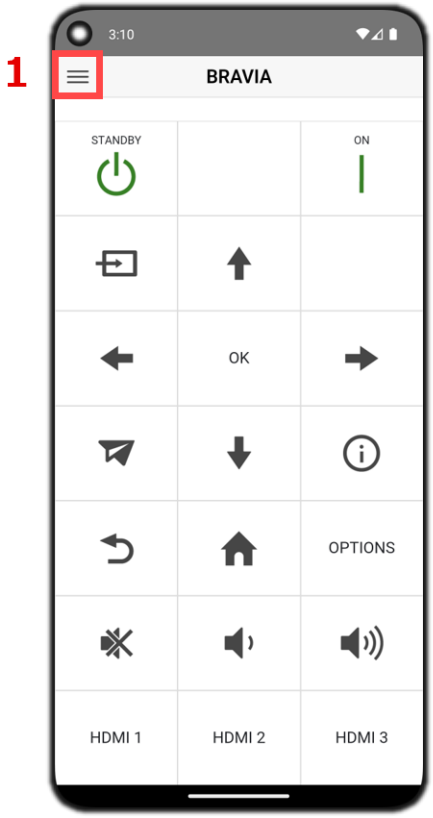
4.1. No Device Selected Screen/Remote Screen

Either one of these Screens is displayed when the IP Remote app launches.
No Device Selected Screen: A screen displayed when no device is specified
Remote screen: A screen where commands for the specified device are displayed

No Device Selected Screen



Remote Screen

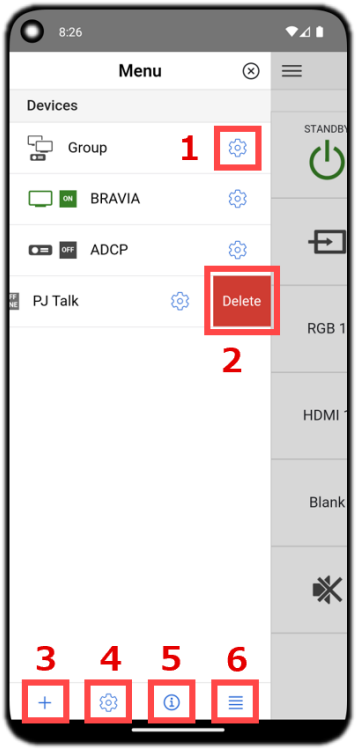


GUI	Name	Function	Screen
1	Side Menu button	Displays the Menu screen (side menu).	No Device Selected Screen, Remote Screen
2	Add Device button	Adds a new operating device.	No Device Selected Screen

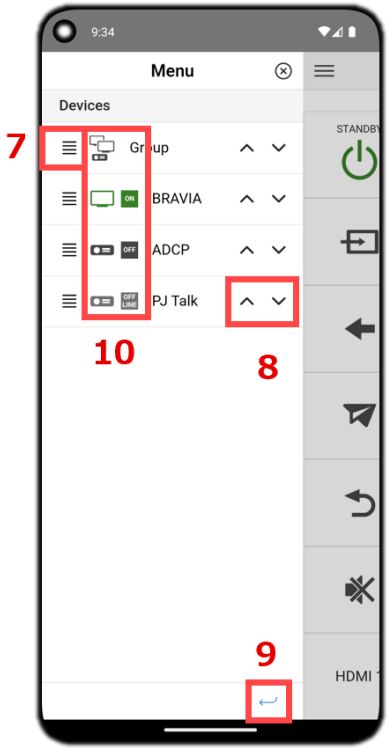
4.2. Menu Screen (Side Menu)

You can use this screen for device management, including adding, deleting, and reordering devices.
Menu Screen (Side Menu) [Device Edit Mode]: A screen to edit, add, and delete devices
Menu Screen (Side Menu) [Device Reorder Mode]: A screen to change the device sorting order. Can be switched by tapping the Devices Reorder button in device edit mode.

Menu Screen (Side Menu) [Device Edit Mode]



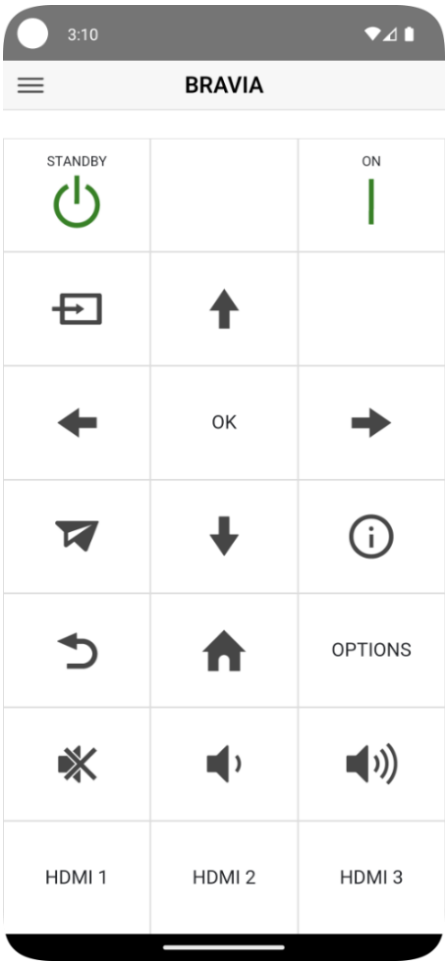
Menu Screen (Side Menu) [Device Reorder Mode]



GUI	Name	Function	Mode
1	Device Settings button	Displays the Edit Device dialog box.	Device Edit Mode
2	Delete button	Deletes a registered device (BRAVIA/projector).	Device Edit Mode
3	Add Device button	Adds a new operating device (BRAVIA/projector).	Device Edit Mode
4	App Settings button	Displays the App Settings dialog box.	Device Edit Mode
5	About button	Displays the About dialog box.	Device Edit Mode
6	Devices Reorder button	Switches to Devices Reorder mode.	Device Edit Mode
7	Reorder Drag icon	Select a device and swipe up/down to sort.	Device Reorder Mode
8	Reorder Arrow button	Tap the button and sort the devices upwards/downwards.	Device Reorder Mode
9	Back button	Switches to Devices Edit mode.	Device Reorder Mode
10	Devices icon	Displays the power state of each device. States: ON (green), OFF (black), unknown (grey) If Devices Type is set to “Group”, the power state is not displayed.	Device Edit Mode Device Reorder Mode

4.3. Remote Screen - TV (BRAVIA)

The Remote screen displayed when Devices Type is set to “TV (BRAVIA)”.



[Lock icon display] (only on models with HTTPS support)

・If the HTTPS operation is successful, a lock icon appears in the upper right. If it fails or HTTP communication is used, the icon is hidden.

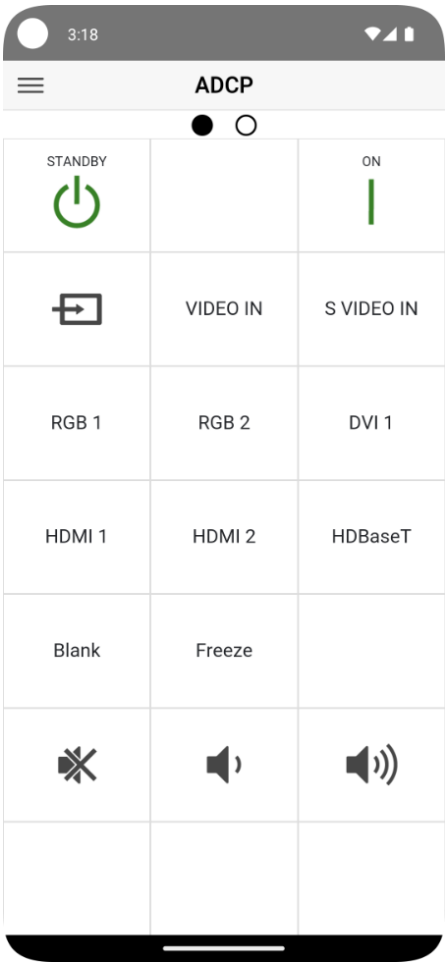
・If the power status is successfully obtained via HTTPS communication on the Menu screen, a lock icon appears in the upper right when the Remote screen is opened.

・When the “Close” button is pressed on the EditDevice screen, the display transitions to the Remote screen where it is reset and the icon is hidden.

Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
	Input	Changes the input.	OK	OK	Confirms a selection.
	Up	Selects items on the screen. (Long press possible)		Down	Selects items on the screen. (Long press possible)
	Left	Selects items on the screen. (Long press possible)		Right	Selects items on the screen. (Long press possible)
	App Launcher	Launches the HTML app. (Disabled on some models)		Info	Toggles the display of channel and program information, the clock, etc. on and off.
	Return	Returns to the previous screen.		Home	Displays the Home menu to determine a selection.
OPTIONS	OPTIONS	Displays the Option menu to determine a selection.		Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)		Vol Up	Increases volume. (Long press possible)
HDMI 1	HDMI 1	Switches to HDMI 1.	HDMI 2	HDMI 2	Switches to HDMI 2.
HDMI 3	HDMI 3	Switches to HDMI 3.			

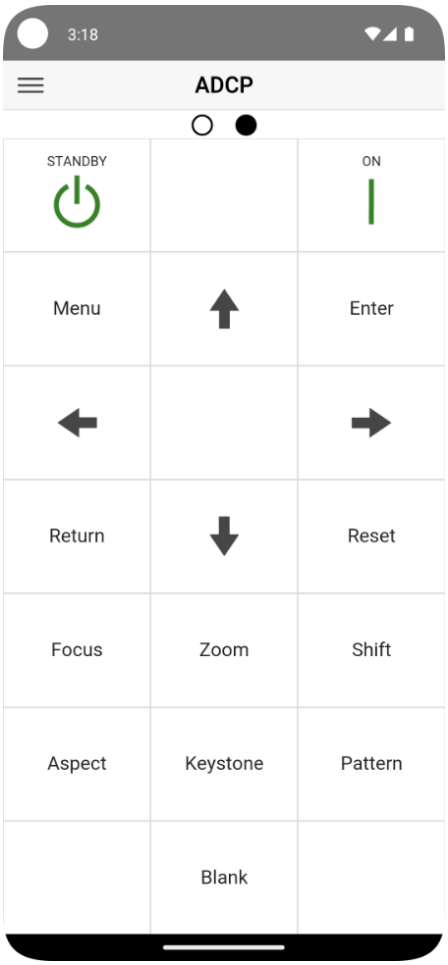
4.4. Remote Screen - PJ (ADCP)

The first Remote Screen displayed when Devices Type is set to “PJ (ADCP)”.



Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
	Input	Changes the input.	VIDEO IN	VIDEO IN	Switches input to VIDEO IN.
S VIDEO IN	S VIDEO IN	Switches input to S VIDEO IN.	RGB 1	RGB 1	Switches input to RGB 1.
RGB 2	RGB 2	Switches input to RGB 2.	DVI 1	DVI 1	Switches input to DVI 1.
HDMI 1	HDMI 1	Switches to HDMI 1.	HDMI 2	HDMI 2	Switches to HDMI 2.
HDBaseT	HDBaseT	Switches input to HDBaseT.	Blank	Blank	Temporarily blanks the screen. Press again to reset the screen to normal.
Freeze	Freeze	Temporarily freezes the screen. Tap again to reset the screen to normal. Can be used during computer signal input.		Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)		Vol Up	Increases volume. (Long press possible)

The second Remote Screen displayed when the Devices Type is set to “PJ (ADCP)”.



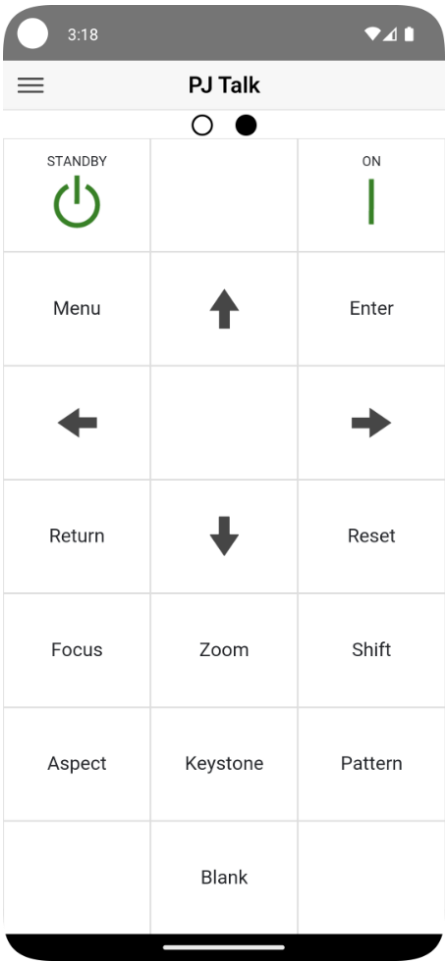
Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
Menu	Menu	Confirms a selection.	Enter	Enter	Confirms a selection.
	Up	Selects items on the screen. (Long press possible)		Down	Selects items on the screen. (Long press possible)
	Left	Selects items on the screen. (Long press possible)		Right	Selects items on the screen. (Long press possible)
Return	Return	Returns to the previous screen.	Reset	Reset	Resets to the initial state.
Focus	Focus	Adjusts the lens focus.	Zoom	Zoom	Adjusts the lens zoom.
Shift	Shift	Adjusts the lens shift.	Aspect	Aspect	Changes the aspect ratio of the projected screen.
Keystone	Keystone	Adjusts the keystone.	Pattern	Pattern	Displays the adjustment pattern.
Blank	Blank	Temporarily blanks the screen. Tap again to reset the screen to normal.			

4.5. Remote Screen - PJ (PJ Talk)

The first Remote Screen displayed when the Devices Type is set to “PJ (PJ Talk)”.

Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Input	Changes the input.		VIDEO IN	VIDEO IN	Switches input to VIDEO IN.
S VIDEO IN	S VIDEO IN	Switches input to S VIDEO IN.		INPUT A	INPUT A	Switches input to INPUT A.
INPUT B	INPUT B	Switches input to INPUT B.		INPUT C	INPUT C	Switches input to INPUT C.
INPUT D	INPUT D	Switches input to INPUT D.		INPUT E	INPUT E	Switches input to INPUT E.
INPUT F	INPUT F	Switches input to INPUT F.		Blank	Blank	Temporarily blanks the screen. Tap again to reset the screen to normal.
Freeze	Freeze	Temporarily freezes the screen. Tap again to reset the screen to normal. Can be used during computer signal input.			Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)			Vol Up	Increases volume. (Long press possible)

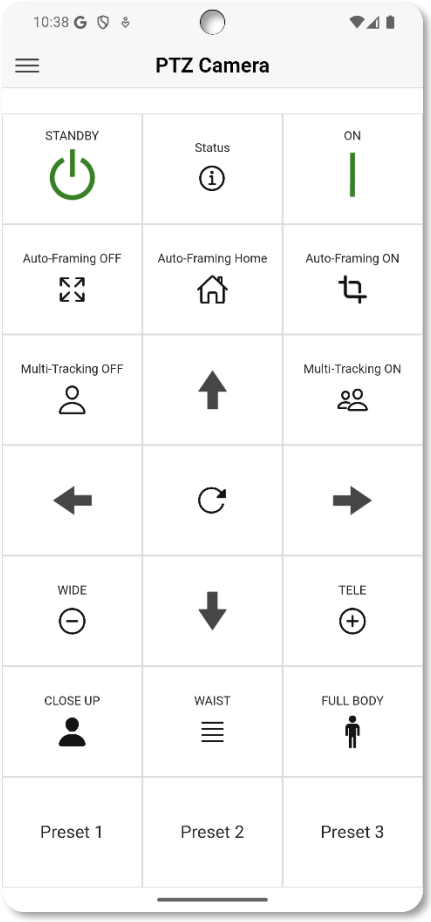
The second Remote Screen displayed when the Devices Type is set to “PJ (PJ Talk)”.



Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
Menu	Menu	Confirms a selection.	Enter	Enter	Confirms a selection.
	Up	Selects items on the screen. (Long press possible)		Down	Selects items on the screen. (Long press possible)
	Left	Selects items on the screen. (Long press possible)		Right	Selects items on the screen. (Long press possible)
Return	Return	Returns to the previous screen.	Reset	Reset	Resets to the initial state.
Focus	Focus	Adjusts the lens focus.	Zoom	Zoom	Adjusts the lens zoom.
Shift	Shift	Adjusts the lens shift.	Aspect	Aspect	Changes the aspect ratio of the projected screen.
Keystone	Keystone	Adjusts the keystone.	Pattern	Pattern	Displays the adjustment pattern.
Blank	Blank	Temporarily blanks the screen. Tap again to reset the screen to normal.			

4.6. Remote Screen - PTZ Camera

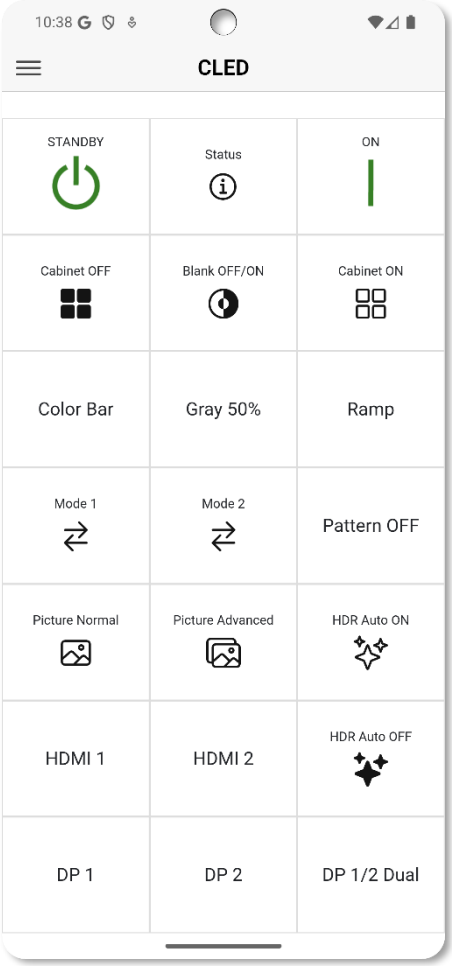
The Remote screen displayed when Devices Type is set to “PTZ Camera”.



Button	Name	Function	Button	Name	Function
	Power Off	Turn the power OFF		Power On	Turn the power ON
	Status	Display the model information and the various capture settings		Auto Framing Off	Exit the PTZ Auto Framing tracking
	Auto Framing Home	Move to the PTZ Auto Framing tracking start position		Auto Framing On	Start the PTZ Auto Framing tracking
	Multitracking On	Set the number of people to track		Multitracking Off	Turn multi-person tracking OFF (set the number of people to track to 1)
	Up	Move the camera upwards (long press supported)		Down	Move the camera downwards (long press supported)
	Left	Move the camera to the left (long press supported)		Right	Move the camera to the right (long press supported)
	Move Home	Move the camera to the home position		Zoom Wide	Zoom out (long press supported)
	Zoom Tele	Zoom in (long press supported)		Close Up	Capture from the chest up during tracking
	Waist	Capture from the waist up during tracking		Full Body	Capture the entire body during tracking
Preset 1	Preset 1	Recall Preset 1	Preset 2	Preset 2	Recall Preset 2
Preset 3	Preset 3	Recall Preset 3			

4.7. Remote Screen - CLED

The Remote screen displayed when Devices Type is set to “CLED”.

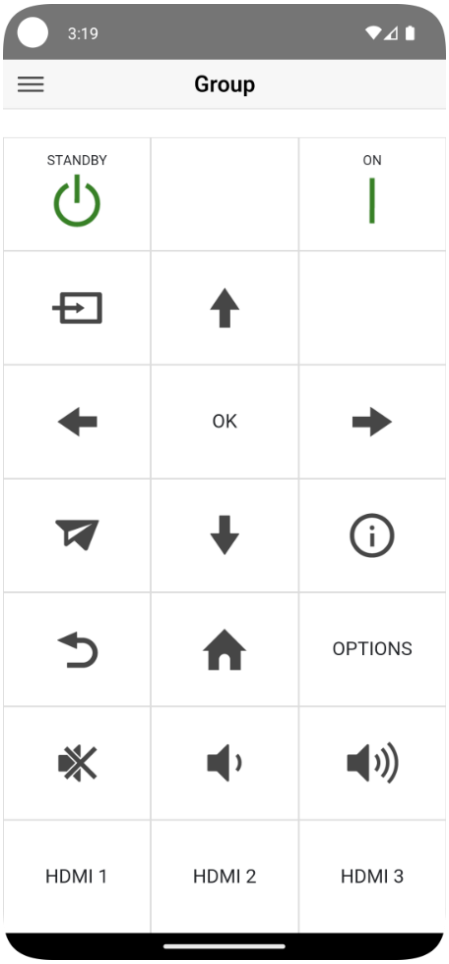


Button	Name	Function
	Power Off	Turn the power OFF
	Status	Display the information for each video input
	Cabinet On	Set the Cabinet to the ON state during Power ON (image is displayed)
Color Bar	Color Bar	Display the Color Bar pattern
Ramp	Ramp	Display the Ramp pattern
	Mode 2	Set Picture Quality Mode 2
	Picture Normal	Turn the Advanced Picture function OFF for the selected picture quality mode
	HDR Auto On	Turn the HDR Auto function ON for the selected picture quality mode
HDMI 1	HDMI 1	Switch the input to HDMI 1
DP 1	DP 1	Switch the input to DisplayPort 1
DP 1/2 Dual	DP Dual	Switch the input to DisplayPort Dual (inputs DP1 and DP2)

Button	Name	Function
	Power On	Turn the power ON
	Cabinet Off	Set the Cabinet to the OFF state during Power ON (no image is displayed)
	Blank Toggle	Display a black screen on the Cabinet. Tap once again to cancel the black display
Gray 50%	Gray 50%	Display the Gray 50% pattern
	Mode 1	Set Picture Quality Mode 1
Pattern OFF	Pattern Off	Cancel the pattern display
	Picture Advanced	Turn the Advanced Picture function ON for the selected picture quality mode
	HDR Auto Off	Turn the HDR Auto function OFF for the selected picture quality mode
HDMI 2	HDMI 2	Switch the input to HDMI 2
DP 2	DP 2	Switch the input to DisplayPort 2

4.8. Remote Screen - Group: TV (BRAVIA) Only

The Remote screen displayed when the Devices Type is set to “Group” and only “TV (BRAVIA)” is selected.



[Lock icon display] (only on models with HTTPS support)

・If the HTTPS operation is successful, a lock icon appears in the upper right. If it fails or HTTP communication is used, the icon is hidden.

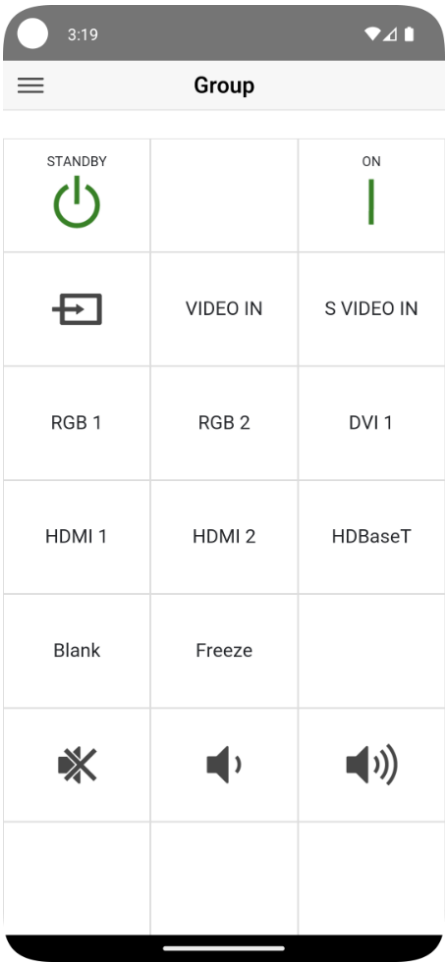
・If the power status is successfully obtained via HTTPS communication on the Menu screen, a lock icon appears in the upper right when the Remote screen is opened.

・When the “Close” button is pressed on the EditDevice screen, the display transitions to the Remote screen where it is reset and the icon is hidden.

Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
	Input	Changes the input.	OK	OK	Confirms a selection.
	Up	Selects items on the screen. (Long press possible)		Down	Selects items on the screen. (Long press possible)
	Left	Selects items on the screen. (Long press possible)		Right	Selects items on the screen. (Long press possible)
	App Launcher	Launches the HTML app. (Disabled on some models)		Info	Toggles the display of channel and program information, the clock, etc. on and off.
	Return	Returns to the previous screen.		Home	Displays the Home menu to determine a selection.
OPTIONS	OPTIONS	Displays the Option menu to determine a selection.		Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)		Vol Up	Increases volume. (Long press possible)
HDMI 1	HDMI 1	Switches to HDMI 1.	HDMI 2	HDMI 2	Switches to HDMI 2.
HDMI 3	HDMI 3	Switches to HDMI 3.			

4.9. Remote Screen - Group: PJ (ADCP) Only

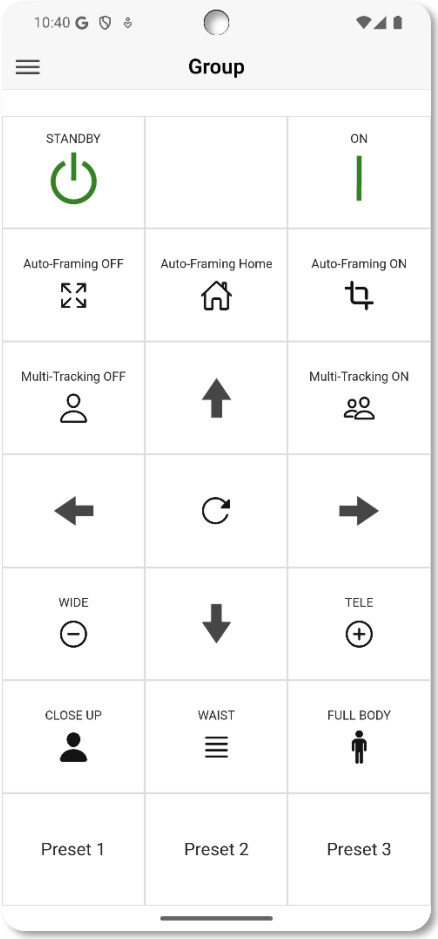
The Remote screen is displayed when the Devices Type is set to “Group” and only “PJ (ADCP)” is selected.



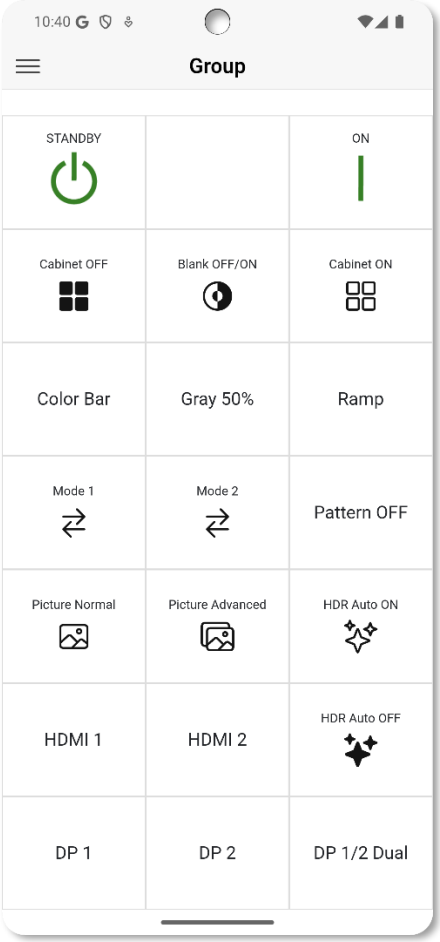
Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Input	Changes the input.		VIDEO IN	VIDEO IN	Switches input to VIDEO IN.
S VIDEO IN	S VIDEO IN	Switches input to S VIDEO IN.		RGB 1	RGB 1	Switches input to RGB 1.
RGB 2	RGB 2	Switches input to RGB 2.		DVI 1	DVI 1	Switches input to DVI 1.
HDMI 1	HDMI 1	Switches to HDMI 1.		HDMI 2	HDMI 2	Switches to HDMI 2.
HDBaseT	HDBaseT	Switches input to HDBaseT.		Blank	Blank	Temporarily blanks the screen. Press again to reset the screen to normal.
Freeze	Freeze	Temporarily freezes the screen. Tap again to reset the screen to normal. Can be used during computer signal input.			Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)			Vol Up	Increases volume. (Long press possible)

4.10. Remote Screen - Group: PTZ Camera Only

The Remote screen is displayed when the Devices Type is set to “Group” and only “PTZ Camera” is selected.

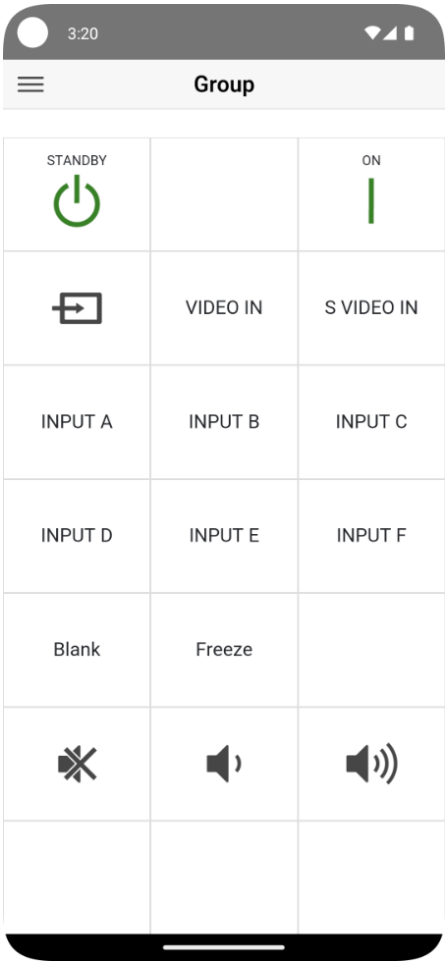


4.11. Remote Screen - Group: CLED Only



4.12. Remote Screen - Group: PJ (PJ Talk) Only

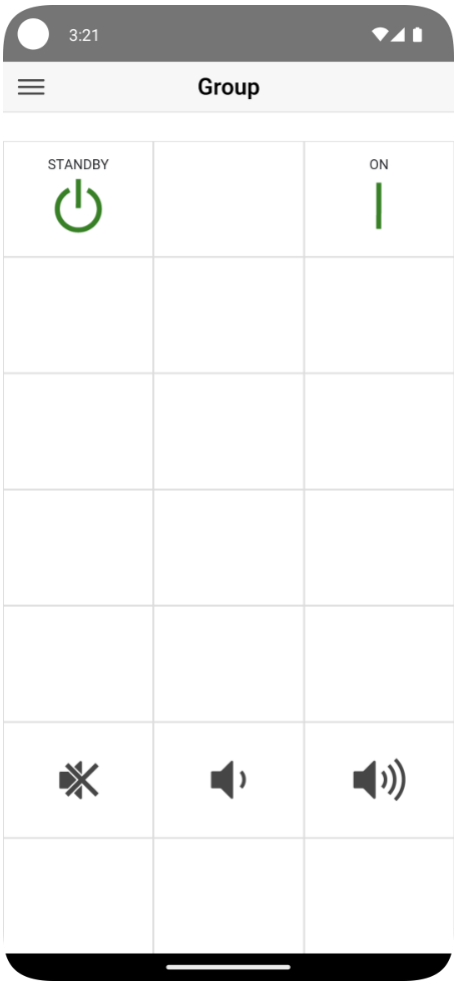
The Remote screen is displayed when the Devices Type is set to “Group” and only “PJ (PJ Talk)” is selected.


3:20
Group
STANDBY
ON
VIDEO IN
S VIDEO IN
INPUT A
INPUT B
INPUT C
INPUT D
INPUT E
INPUT F
Blank
Freeze

Button	Name	Function	Button	Name	Function
	Power Off	Turns power off.		Power On	Turns power on.
	Input	Changes the input.	VIDEO IN	VIDEO IN	Switches input to VIDEO IN.
S VIDEO IN	S VIDEO IN	Switches input to S VIDEO IN.	INPUT A	INPUT A	Switches input to INPUT A.
INPUT B	INPUT B	Switches input to INPUT B.	INPUT C	INPUT C	Switches input to INPUT C.
INPUT D	INPUT D	Switches input to INPUT D.	INPUT E	INPUT E	Switches input to INPUT E.
INPUT F	INPUT F	Switches input to INPUT F.	Blank	Blank	Temporarily blanks the screen. Tap again to reset the screen to normal.
Freeze	Freeze	Temporarily freezes the screen. Tap again to reset the screen to normal. Can be used during computer signal input.		Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)		Vol Up	Increases volume. (Long press possible)

4.13. Remote Screen - Group: TV (BRAVIA) & PJ (ADCP)

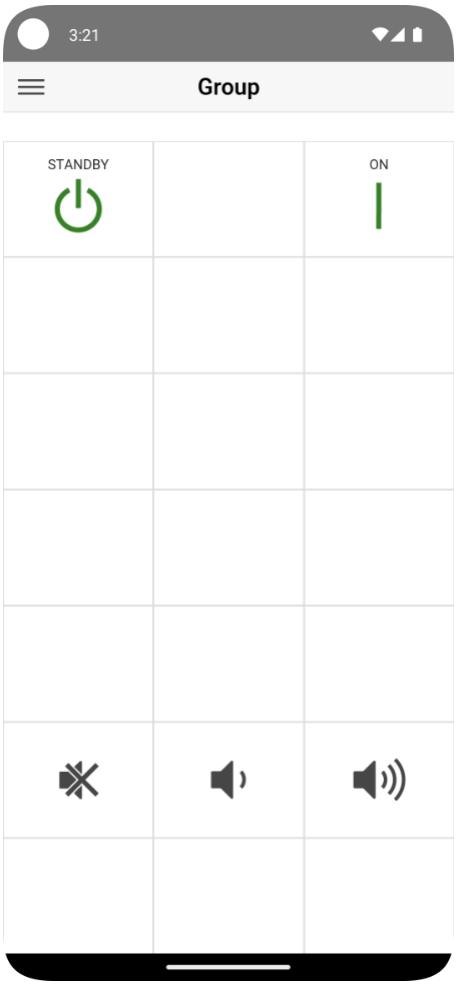
The Remote screen is displayed when the Devices Type is set to “Group” and both “TV (BRAVIA)” and “PJ (ADCP)” are selected.



Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Mute Toggle	Mutes audio. Tap again to turn audio on.			Vol Down	Reduces volume. (Long press possible)
	Vol Up	Increases volume. (Long press possible)				

4.14. Remote Screen - Group: TV (BRAVIA) & PJ (PJ Talk)

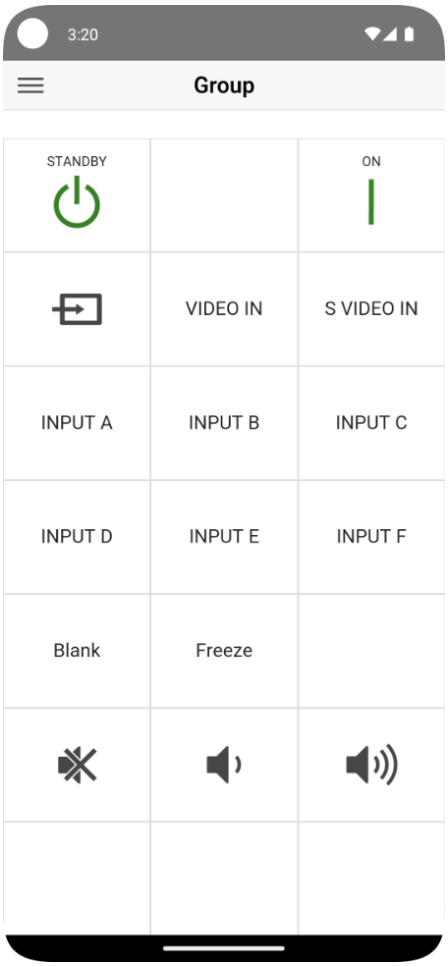
The Remote screen is displayed when the Devices Type is set to “Group” and both “TV (BRAVIA)” and “PJ (PJ Talk)” are selected.



Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Mute Toggle	Mutes audio. Tap again to turn audio on.			Vol Down	Reduces volume. (Long press possible)
	Vol Up	Increases volume. (Long press possible)				

4.15. Remote Screen - Group: PJ (ADCP) & PJ (PJ Talk)

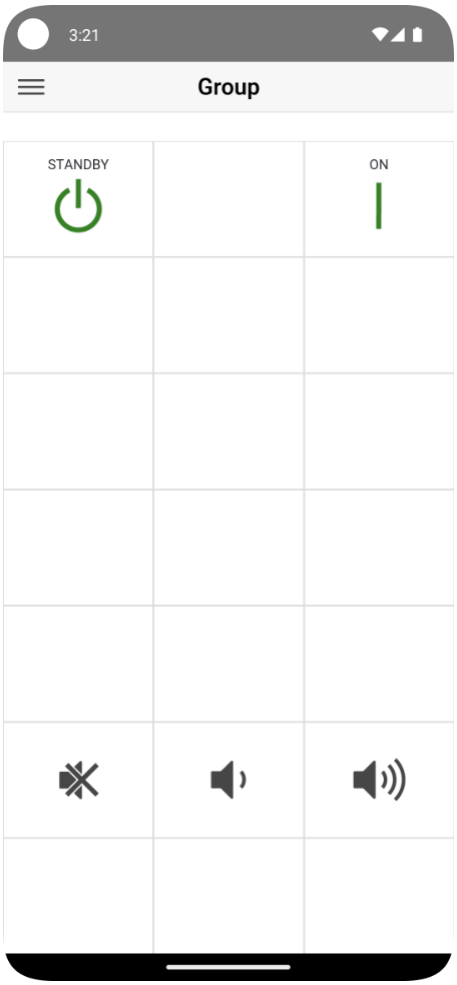
The Remote screen is displayed when the Devices Type is set to “Group” and both “PJ (ADCP)” and “PJ (PJ Talk)” are selected.



Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Input	Changes the input.		VIDEO IN	VIDEO IN	Switches input to VIDEO IN.
S VIDEO IN	S VIDEO IN	Switches input to S VIDEO IN.		INPUT A	INPUT A	Switches input to INPUT A.
INPUT B	INPUT B	Switches input to INPUT B.		INPUT C	INPUT C	Switches input to INPUT C.
INPUT D	INPUT D	Switches input to INPUT D.		INPUT E	INPUT E	Switches input to INPUT E.
INPUT F	INPUT F	Switches input to INPUT F.		Blank	Blank	Temporarily blanks the screen. Tap again to reset the screen to normal.
Freeze	Freeze	Temporarily freezes the screen. Tap again to reset the screen to normal. Can be used during computer signal input.			Mute Toggle	Mutes audio. Tap again to turn audio on.
	Vol Down	Reduces volume. (Long press possible)			Vol Up	Increases volume. (Long press possible)

4.16. Remote Screen - Group: TV (BRAVIA) & PJ (ADCP) & PJ (PJ Talk)

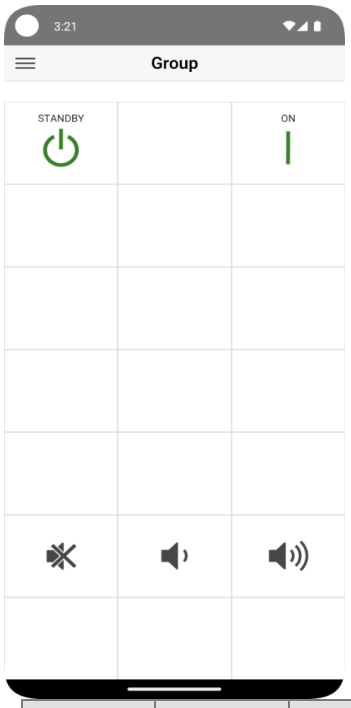
The Remote screen is displayed when the Devices Type is set to “Group” and “TV (BRAVIA)”, “PJ (ADCP)”, and “PJ (PJ Talk)” are selected.



Button	Name	Function		Button	Name	Function
	Power Off	Turns power off.			Power On	Turns power on.
	Mute Toggle	Mutes audio. Tap again to turn audio on.			Vol Down	Reduces volume. (Long press possible)
	Vol Up	Increases volume. (Long press possible)				

4.17. Remote screen - Group: PTZ Camera & Other Devices

This is the Remote screen when DevicesType is set to “Group” and “PTZ Camera” and other devices are selected.



Button	Name	Function		Button	Name	Function
⏻	Power Off	Turn Power Off		|	Power On	Turn Power On

4.18. Remote screen - Group: CLED & Other Device

This is the Remote screen when DevicesType is set to “Group” and “CLED” and other devices are selected.

5. How to Use

This section explains how to use the IP Remote app.

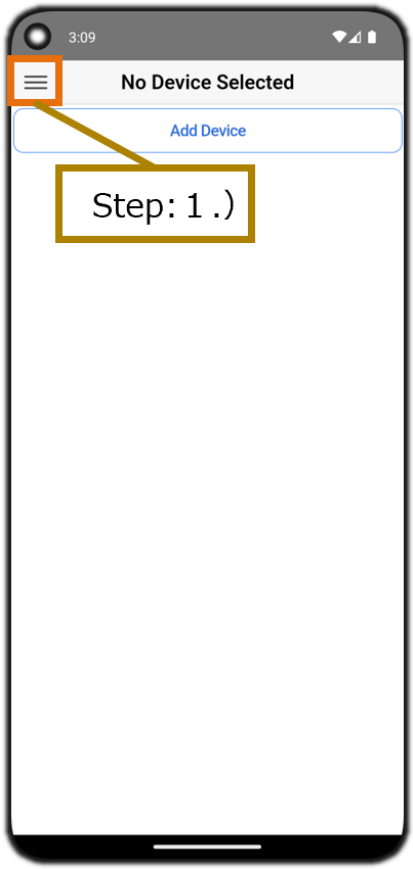
5.1. Launch the IP Remote App

Tap the IP Remote app icon in the app list of your mobile device to launch the IP Remote app.

Icon Image	Mobile Device
	Android
	iOS

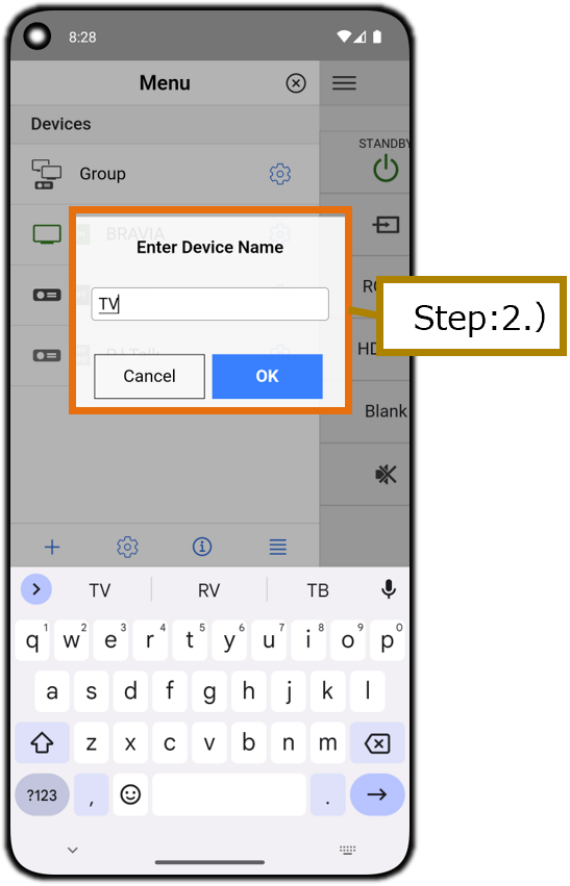
5.2. Display the Menu Screen (Side Menu)

1. Tap the Side Menu button on the No Device Selected screen or the Remote screen.



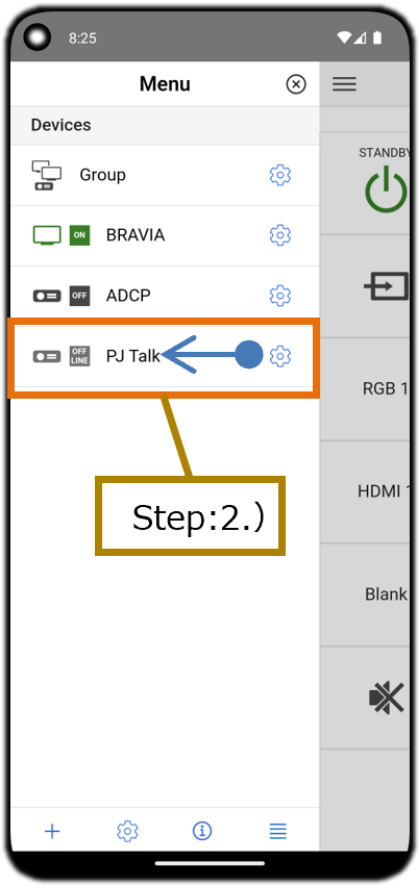
5.3. Add a New Operating Device

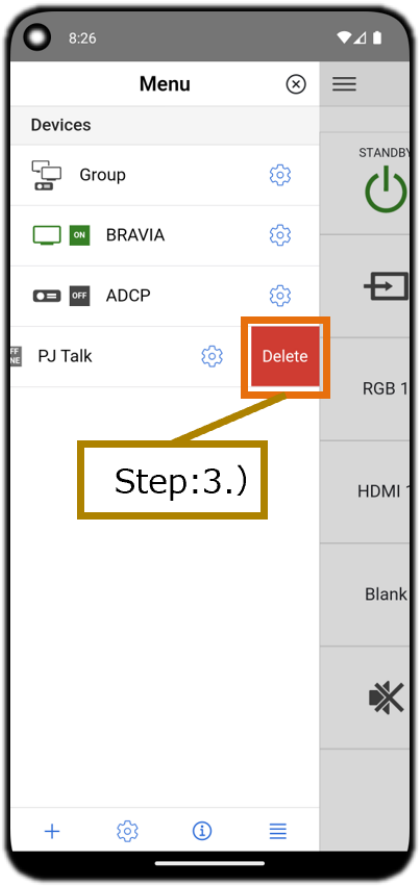
1. On the No Device Selected screen, tap the Add Device button. Or on the Menu screen (side menu), tap the Add Device button.
2. This displays the Enter Device Name dialog box. Enter your preferred device's name and tap the OK button.
3. On the device list of the Menu screen (side menu), tap the Device Settings button of the device added.
4. Enter the IP of your operating device in the Edit Device dialog box. Enter the PSK (pre-shared key) when device authorization is enabled so that it cannot be operated by an unspecified user. Refer to the following for details.
   - "5.12. When Device Authorization is Enabled to Prevent Operation by Unspecified Users "
5. Select Device Type.
   - Select "TV (BRAVIA)" for a BRAVIA unit.
   - Select "PJ (ADCP)" or "PJ (SDCP)" for a projector
   - Select "PTZ Camera" for a PTZ camera.
   - Select "CLED" for a Crystal LED display controller.
6. Tap the Close button on the top right of the Edit Device dialog box.



5.4. Delete a Registered Device

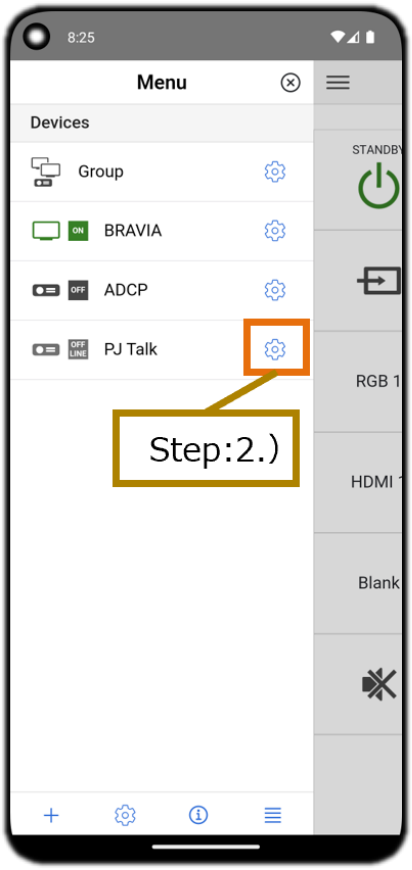
1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Swipe left on the device that you want to delete in the device list on the Menu screen (side menu) to display the Delete button.
3. Tap the Delete button.





Deletion can also be performed through the following procedure.

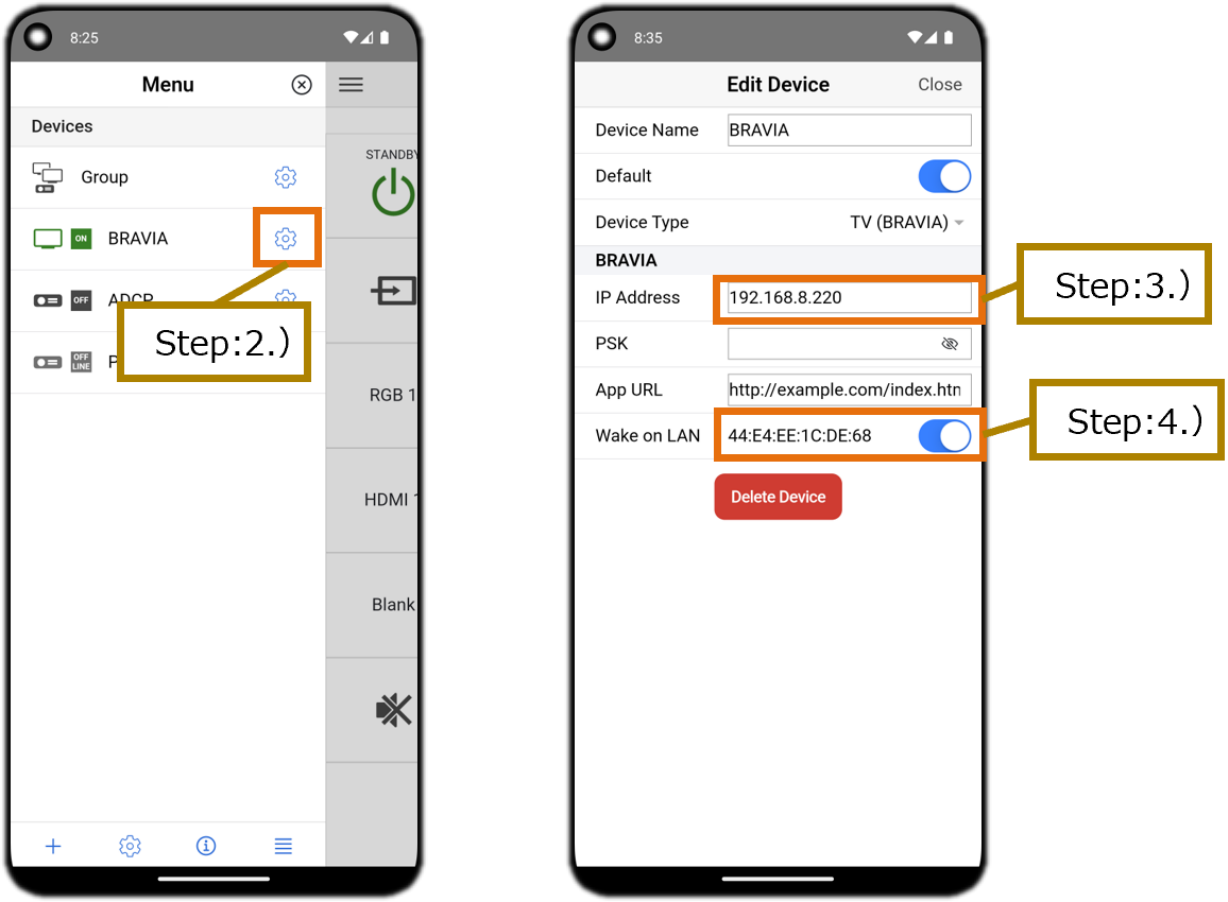
1. Tap the Side Menu button on the Remote screen and display the Menu screen (side menu).
2. Tap the Settings button of the device you want to delete from the device list on the Menu screen (side menu).
3. Tap the Delete Device button on the Edit Device dialog.
4. Tap the Delete button on the Delete Device dialog.


8:25
Menu
Devices
Group
BRAVIA
ADCP
PJ Talk
Step:2.)
RGB 1
HDMI
Blank

8:35
Edit Device
Close
Device Name
BRAVIA
Default
Device Type
TV (BRAVIA)
BRAVIA
IP Address
192.168.8.220
PSK
App URL
http://example.com/index.htn
Wake on LAN
44:E4:EE:1C:DE:68
Delete Device
Step:3.)

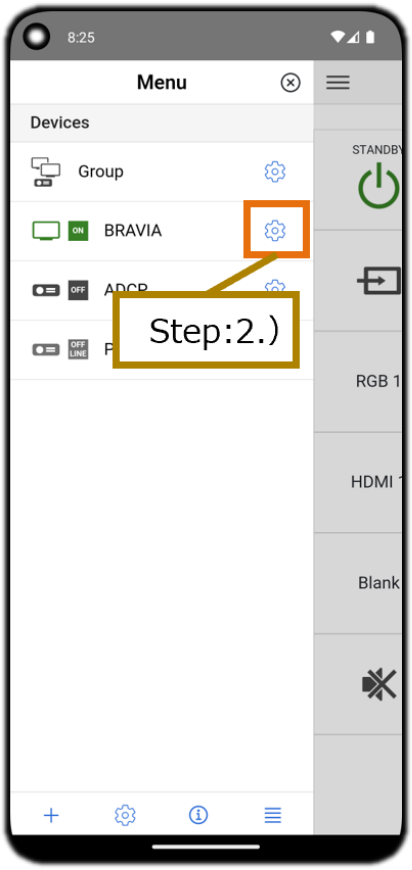
5.5. Turn On the TV Power With the Wake on LAN Function [BRAVIA Only]

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. On the device list of the Menu screen (side menu), tap the Device Settings button of the device you want to turn on with the Wake on LAN function.
3. Enter the IP of your operating device in the Edit Device dialog box.
4. Tap the Wake on LAN toggle button in the Edit Device dialog box to enable the function.
   The operating device MAC address is displayed.
5. Tap the Close button on the top right of the Edit Device dialog box.
6. Tap the Power On button of the Remote screen and turn on the TV power.



5.6. Designate an HTML App to Launch by the App Launcher Button [BRAVIA Only]

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. On the device list of the Menu screen (side menu), tap the Device Settings button of the device that you want to perform App Launcher button settings for.
3. In the App URL space of the Edit Device dialog box, set the HTML app URL that you want to launch with the App Launcher button.

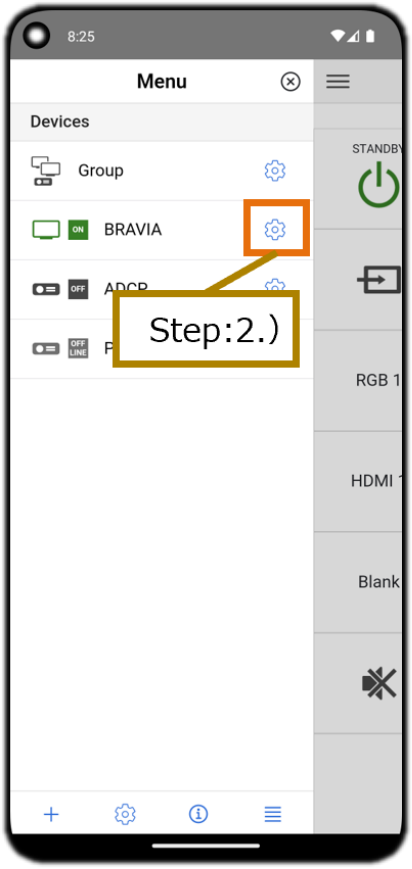


5.7. Changing the Number of People to be Tracked in PTZ Auto Framing [PTZ cameras only]

1. Tap Side Menu on the Remote screen to display the Menu screen (side menu).
2. Tap the Device Settings button for the PTZ camera in the device list on the Menu screen (side menu).
3. In the Edit Device dialog, change the Multi Tracking value to the number of people that you wish to track and tap the Close button.
4. Tap the Multitracking On button on the Remote screen to change the number of people to be tracked.

5.8. Designate a Device for When IP Remote App Launches

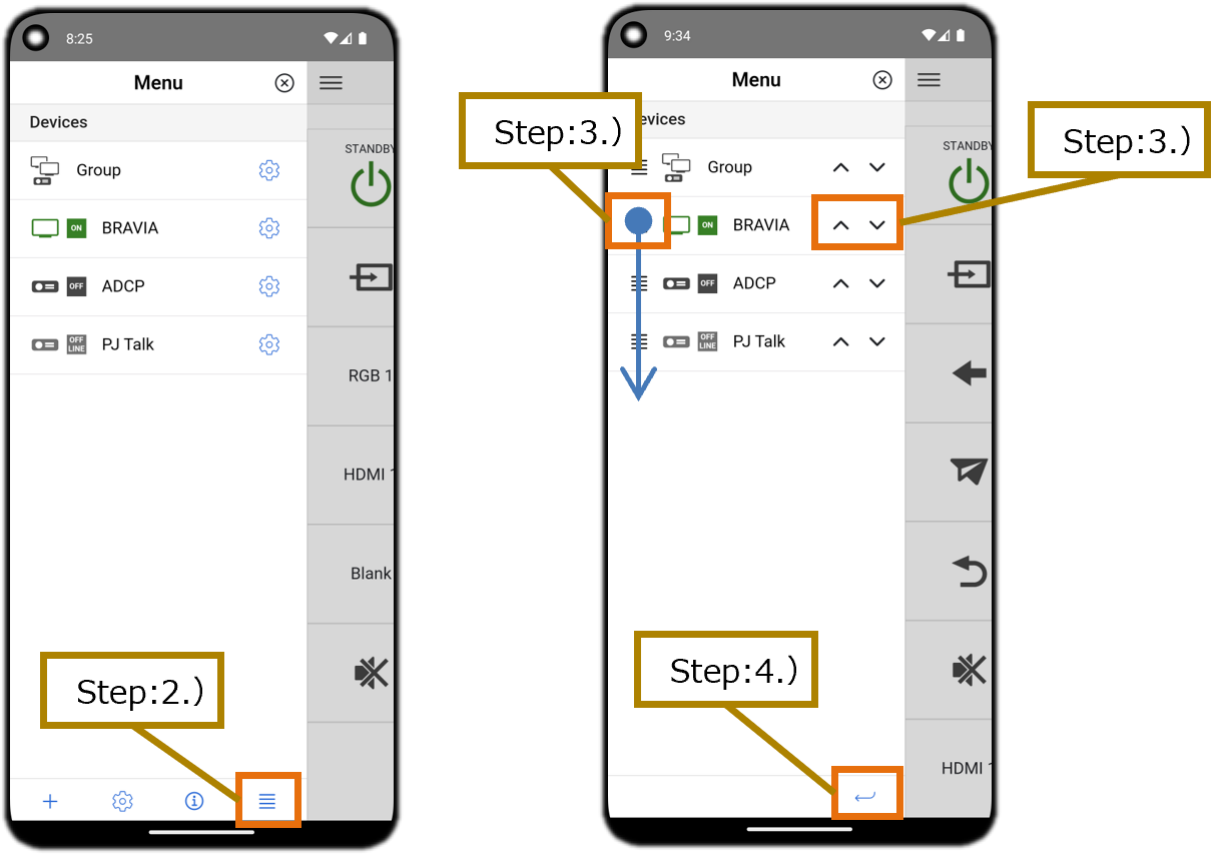
1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. On the device list of the Menu screen (side menu), tap the Device Settings button of the device that you want to designate as the device for when IP Remote app launches.
3. Tap the Default toggle button in the Edit Device dialog box to enable the function.


8:25
Menu
Devices
Group
BRAVIA
Step:2.)
RGB 1
HDMI
Blank

8:35
Edit Device
Close
Device Name
BRAVIA
Default
Device Type
BRAVIA
IP Address
Step:3.)
PSK
App URL
http://example.com/index.htn
Wake on LAN
44:E4:EE:1C:DE:68
Delete Device

5.9. Change the Order of the Device List

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the Devices Reorder button on the Menu screen (side menu) to display the Reorder Drag icon and Reorder Arrow button of each device in the device list.
3. Swipe the Reorder Drag icons up and down to reorder the device list. Or, tap the Reorder Arrow button and sort the devices upwards/downwards.
4. Tap the Back button to finish reordering.



5.10. Operate BRAVIA

1. Display Remote screen - TV (BRAVIA) and tap the buttons.
   Refer to the following for the function of each button.
   - "4.3 Remote Screen - TV (BRAVIA)"

5.11. Operate Projector

1. Display Remote screen - PJ (ADCP) or Remote screen - PJ (SDCP) and tap the buttons.
   Refer to the following for the function of each button.
   - "4.4 Remote Screen - PJ (ADCP)"
   - "4.5 Remote Screen - PJ (PJ Talk)"

5.12. Operate PTZ Camera

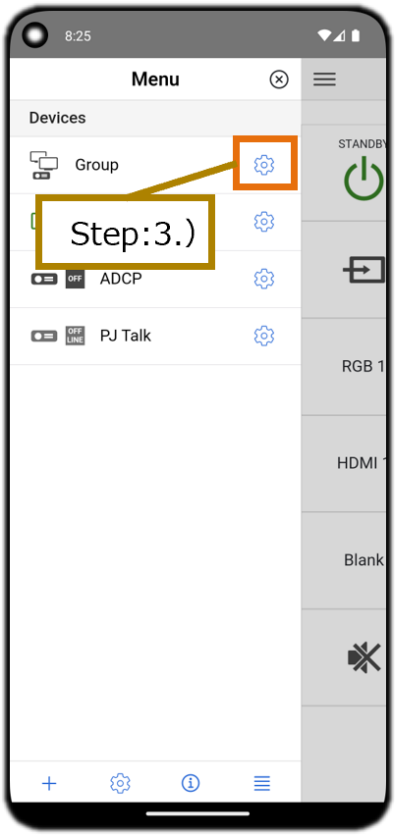
1. Display Remote screen - PJ (ADCP) or Remote screen - PJ (SDCP) and tap the buttons.
   Refer to the following for the function of each button.
   - "4.6 Remote Screen – PTZ Camera"

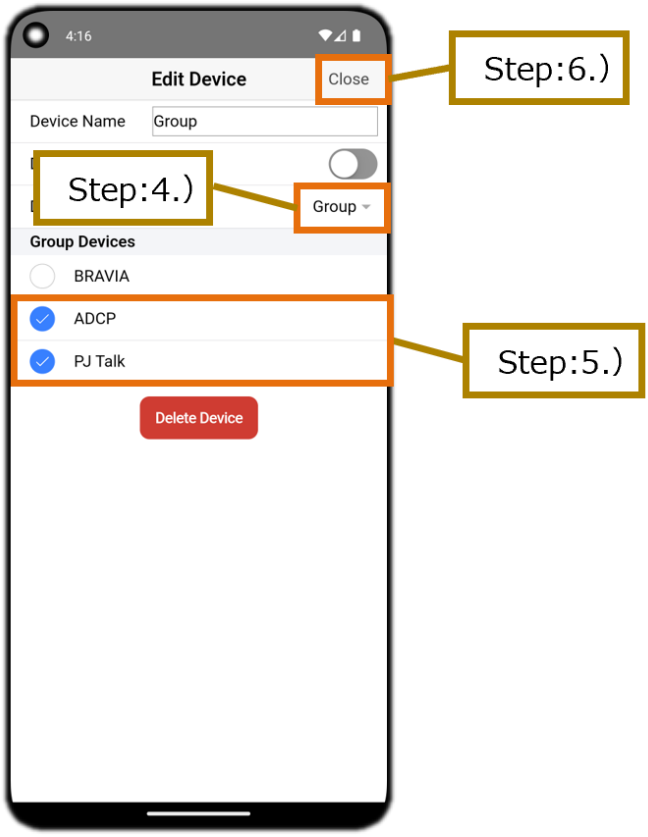
5.13. Operate Crystal LED display controller

1. Display Remote screen - PJ (ADCP) or Remote screen - PJ (SDCP) and tap the buttons.
   Refer to the following for the function of each button.
   - "4.7 Remote Screen - CLED"

5.14. Operate Multiple Devices Simultaneously

1. On the No Device Selected screen, tap the Add Device button.
   Or on the Menu screen (side menu), tap the Add Device button.
2. This displays the Enter Device Name dialog box. Enter your preferred device's name (group name) and tap the OK button.
3. On the device list of the Menu screen (side menu), tap the Device Settings button of the device added.
4. Change the Device Type setting to Group in the Edit Device dialog box.
5. The Group Devices list will be displayed at the bottom of the screen. Tap the check boxes of the devices you want to include in your group and enable it.
6. Tap the Close button on the top right of the Edit Device dialog box.
7. Display Remote screen - Group and tap the button.
   Refer to the following for the function of each button.
   - "5.6 Remote Screen - Group: TV (BRAVIA) Only"
   - "5.7 Remote Screen - Group: PJ (ADCP) Only"
   - "5.8 Remote Screen - Group: PJ (PJ Talk) Only"
   - "5.9 Remote Screen - Group: TV (BRAVIA) & PJ (ADCP)"
   - "5.10 Remote Screen - Group: TV (BRAVIA) & PJ (PJ Talk)"
   - "5.11 Remote Screen - Group: PJ (ADCP) & PJ (PJ Talk) "
   - "5.12 Remote Screen - Group: TV (BRAVIA) & PJ (ADCP) & PJ (PJ Talk) "

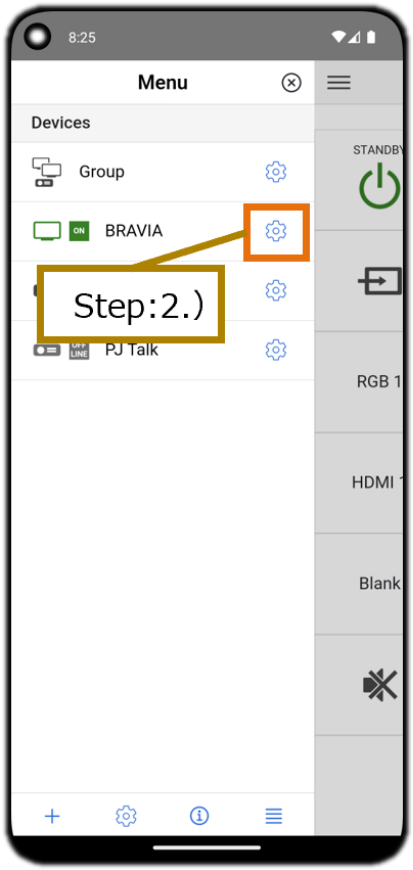




5.15. When Device Authorization is Enabled to Prevent Operation by Unspecified Users

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. On the device list of the Menu screen (side menu), tap the Device Settings button of the device that is set to prevent unspecified users from operating it.
3. Enter the PSK of your device in the Edit Device dialog box.
   - When Device Type is “TV (BRAVIA)”
     Enter the pre-shared key value set by BRAVIA.
   - When Device Type is “PJ (ADCP)”
     Enter the administrator password value set on the projector.
   - When Device Type is set to "PTZ Camera,”
     enter the Administrator user name and password values configured on the PTZ camera.
   - When Device Type is set to "CLED,”
     enter the Administrator password configured on the Crystal LED display controller.

※Please note that there is a risk your device may be operated and device information may be stolen if your PSK and ADCP passwords are leaked.



5.16. Check device settings and status [PTZ Camera, CLED only]

1. Tap the Status button on the Remote screen.

PTZ Camera

Field	Description
Model Name/Serial/Software Version	Device information
Auto Framing	Auto Framing status
Auto Framing Trigger Type	Tracking target selection method
Auto Framing Lost Wait Time	Auto Framing tracking lost wait time
Auto Framing Detection Restart Time	Auto Framing tracking restart time
Multi-Traking	Number of people when tracking multiple subjects with Auto Framing
Multi-Traking Target	(value1, value2) value1: Current number of people being tracked value2: Maximum number of people to track
Multi-Traking Wait Time	Wait time for the specified number of people when tracking multiple subjects
Registered Face Tracking	Set whether to prioritize the tracking of faces registered to the camera
Face Lost Wait Time	Auto Framing tracking timeout duration
Tracking Range	Set whether to enable or disable the Auto Framing tracking range setting
Fixed Angle Postion	Set whether to enable or disable the Auto Framing fixed angle of view position *[For the BRC-AM7] These items are not displayed.
Lead Room Level	Auto Framing lead room effect
Zoom Mode	Zoom Mode
Streaming Protocol	Streaming Protocol

CLED

Field	Description
Input	Input signal selected as the input
Input Sync	Input signal status
3D Status	3D signal status
DP	DP input signal information
HDMI	HDMI input signal information

The display content is as follows when the power is not ON.

- In the power OFF state, only “Power Standby” is displayed.
- When transitioning from power OFF to ON, only “Power Shutting down” is displayed.
- When transitioning from power ON to OFF, only “Power Starting Up” is displayed.

Display of HDMI and DP signal information

- If HDMI is selected as the Input
  - Only DP and the selected HDMI are displayed in Status.

    Ex: If HDMI1 is selected, the HDMI2 item is not displayed.

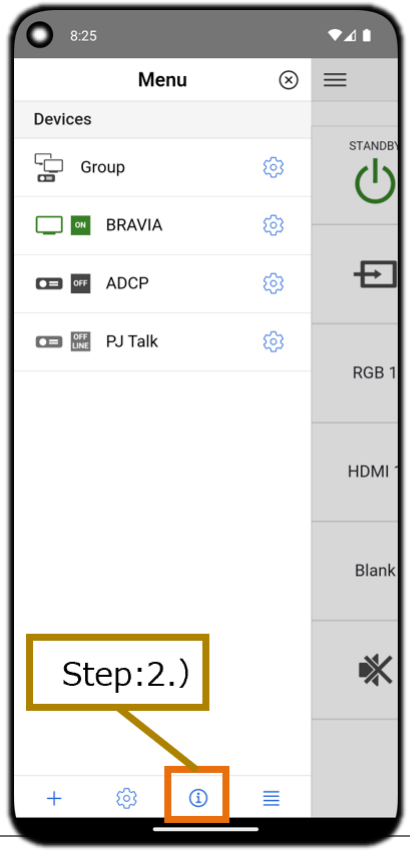
- If DP is selected as the Input
  - DP and the last selected HDMI are only displayed in Status if they have signal.

  Example (1): After selecting DP, DP and HDMI1 are displayed if the last selected HDMI1 has signal.

  Example (2): After selecting DP, only DP is displayed if the last selected HDMI1 has no signal.

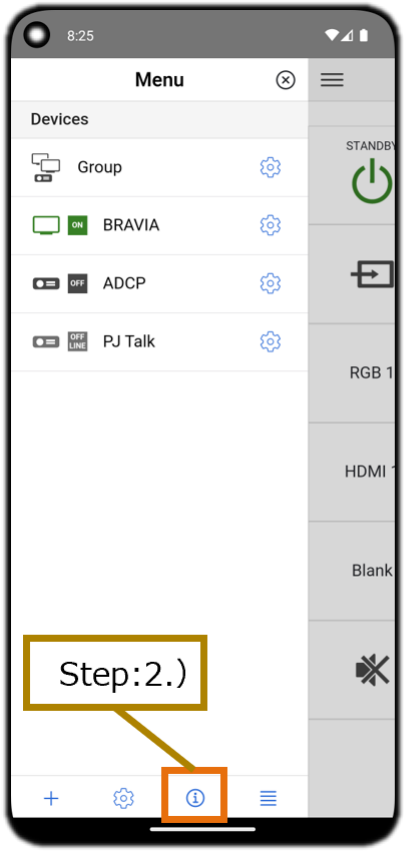
5.17. Display End User License Agreement

2. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
3. Tap the About button on the Menu screen (side menu) to display the About dialog box.
4. Tap the “End user license agreement” button in the About dialog box to display the “End user license agreement” screen.



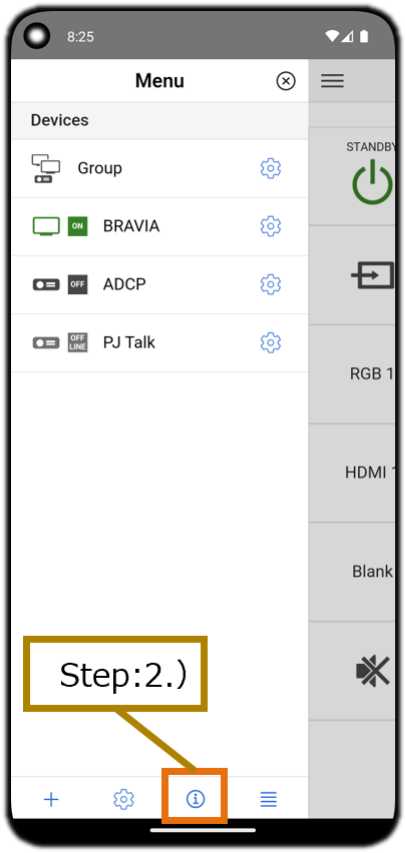
5.18. Display License Information

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the About button on the Menu screen (side menu) to display the About dialog box.
3. Tap the “License information” button in the About dialog box to display the “License information” screen.



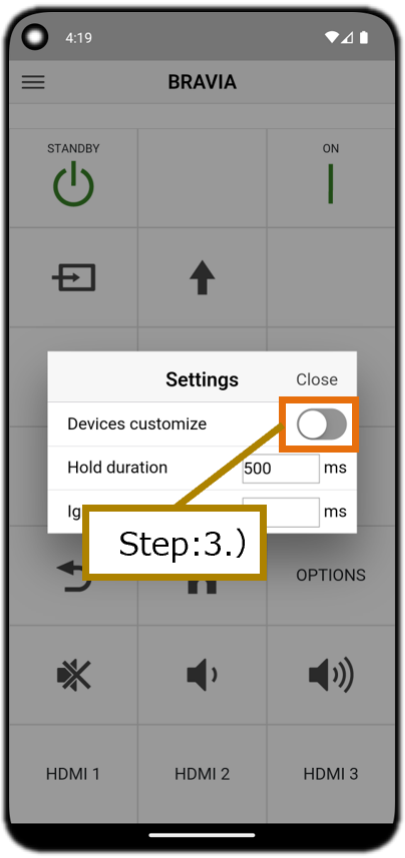
5.19. Display a website including details on the French online communication accessibility law

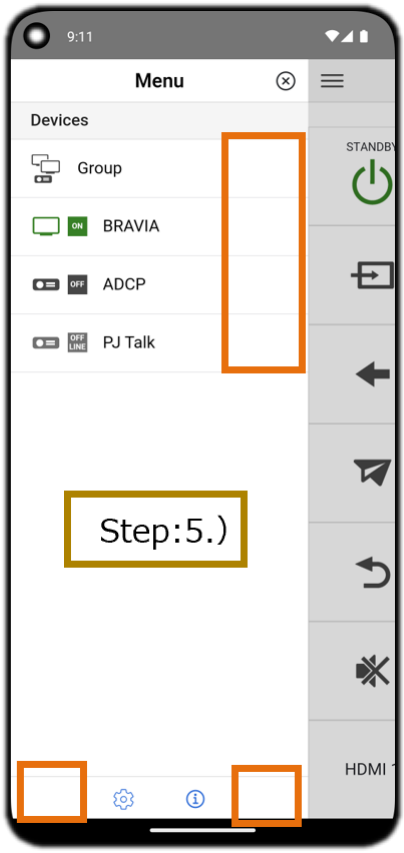
1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the About button on the Menu screen (side menu) and display the About dialog.
3. Tap the For customers in France button on the About dialog and display the website including details on the French online communication accessibility law.



5.20. Disable the Customize Function

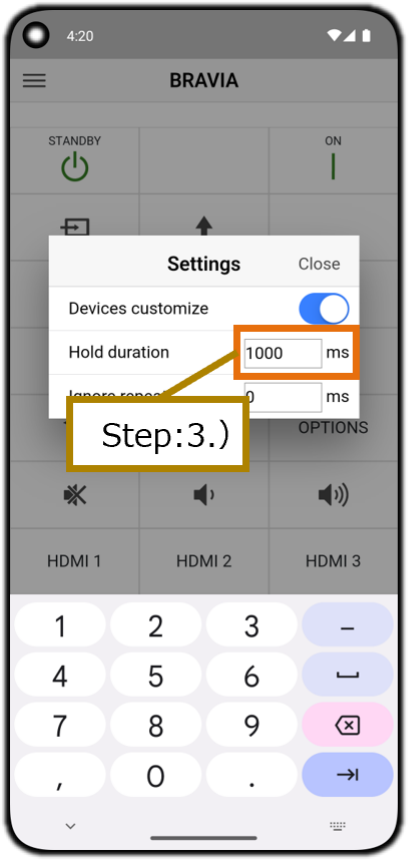
1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the App Settings button on the Menu screen (side menu) to display the App Settings dialog box.
3. Tap the Devices Customize toggle button in the App Settings dialog box to disable the function.
4. Tap the Close button on the App Settings dialog and close the App Settings dialog.
5. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
   Disabling the Customize function hides the icons for adding, deleting, setting, and reordering icons.





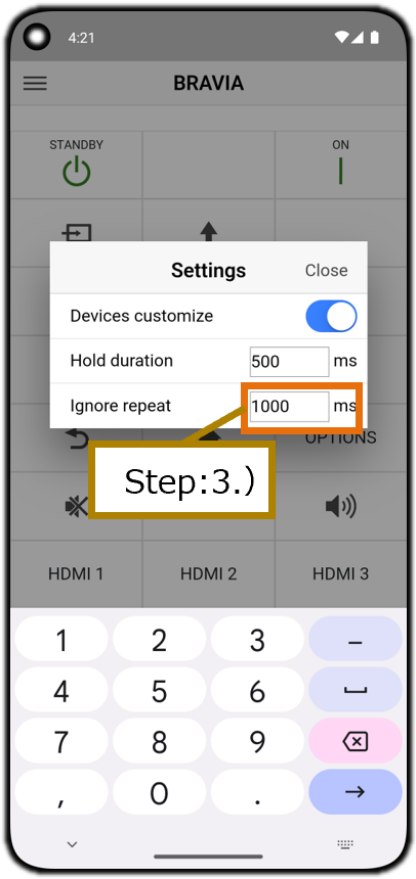
5.21. Change the amount of time required for the long-press to be acknowledged

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the App Settings button on the Menu screen (side menu) to display the App Settings dialog box.
3. Change the Hold Duration value on the App Settings dialog.
4. Tap the Close button on the App Settings dialog and close the App Settings dialog.
5. Long-pressing the applicable buttons on the Remote screen starts the long-press input after the set time has passed.



5.22. Change the time interval between continuous taps

1. Tap the Side Menu button on the Remote screen to display the Menu screen (side menu).
2. Tap the App Settings button on the Menu screen (side menu) to display the App Settings dialog box.
3. Change the Ignore Repeat value on the App Settings dialog.
4. Tap the Close button on the App Settings dialog and close the App Settings dialog.
5. No input is accepted if a button is tapped continuously on the Remote screen unless the set time has passed since the first tap.



6. Troubleshooting

<Projector>

- **Sometimes, ADCP operation is not available for several moments**
  - Shorten the “Timeout” value in the ADCP service settings of the projector. This will shorten the amount of inoperable time.
- **Sometimes, PJ Talk operation is not available for several moments**
  - Shorten the “Timeout” value in the PJ Talk service settings of the projector. This will shorten the amount of inoperable time.

<App launch>

- **On Android devices, the screen may turn white and become unresponsive when launching the app after a new installation.**
  - Clear the app cache and data, then restart the app.

7. Accessibility Function

- **This app can be operated by using a screen reader on iOS and Android devices.**
- **An external keyboard can be connected to operate applications without touching the screen. Visit the support pages for each OS for operation methods.**

Change History

V1.4.0

- General: added descriptions of the following new functions.
  - PTZ Camera Operations
  - Crystal LED Display Controller Operations
  - BRAVIA HTTPS Communication

V1.3.0

- Whole document: Information on the following new functions added.
  - Delete device from Edit Device screen
  - Sort devices by tapping arrow buttons
  - Display of web page regarding France Online Communication Accessibility Law
  - Set time for long press to take effect
  - Set time to consider consecutive taps as one time
  - Accessibility functions
- 4. Screen Components
  - Added explanations for each screen.

V1.2.0

- Whole document: Information on the following new functions added.
  - Wake on LAN function
- 5. How to Use
  - Reordering explanation added.

V1.1.1

- Whole document: Information on the following new functions added.
  - Power state display function
  - Button long press function
  - Customize function

V1.1.0

- Whole document: First edition.