SONY

4-593-493-**03** (1)
GB

Virtual Shot Box

User's Guide

BZPS-7020 / BZPS-7021

Software Version 3.7

© 2016 Sony Corporation

Table of Contents

1. Preface

About this Software / About this Manual 3

2. Basic Operation

Setting the Target Devices (Setup) 4

Logging In / Logging Out 5

Virtual Shot Box Screen Transitions 6

Operations using the Operation Screen 7

Creating and Editing Setup Data 9

3. Other Operations

Other Setup Operations 17

4. Specifications and Appendix

Specifications 18

Appendix 19

About this Software / About this Manual

Virtual Shot Box

Virtual Shot Box is software for controlling a switcher system remotely from a web browser on a tablet device.

Notes About Use of This software

NOTICE TO USERS
© 2016, 2017, 2022 Sony Corporation. All rights reserved. This manual or the software described herein, in whole or in part, may not be reproduced, translated or reduced to any machine readable form without prior written approval from Sony Corporation.

SONY CORPORATION PROVIDES NO WARRANTY WITH REGARD TO THIS MANUAL, THE SOFTWARE OR OTHER INFORMATION CONTAINED HEREIN AND HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH REGARD TO THIS MANUAL, THE SOFTWARE OR SUCH OTHER INFORMATION. IN NO EVENT SHALL SONY CORPORATION BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, WHETHER BASED ON TORT, CONTRACT, OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH THIS MANUAL, THE SOFTWARE OR OTHER INFORMATION CONTAINED HEREIN OR THE USE THEREOF.

Sony Corporation reserves the right to make any modification to this manual or the information contained herein at any time without notice. The software described herein may also be governed by the terms of a separate user license agreement.

The material contained in this manual consists of information that is the property of Sony Corporation and is intended solely for use by the purchasers of the equipment described in this manual.
Sony Corporation expressly prohibits the duplication of any portion of this manual or the use thereof for any purpose other than the operation or maintenance of the equipment described in this manual without the express written permission of Sony Corporation.

Trademarks

- Android and Google Chrome are trademarks or registered trademarks of Google Inc.
- All system names, product names, and company names appearing in this document are registered trademarks or trademarks of their respective owners.
  Trademarked items are not indicated by ® or ™ symbols in this document.

Related Manuals

Manual title	Application
ICP-X7000 Installation Manual	Describes how to install the ICP-X7000 and how to configure the system. Intended for use by administrators.
XVS-9000/8000/ 7000/6000 System User's Guide	Describes how to operate the XVS-9000/8000/7000/6000 multi-format switcher system.

About the Operation Screens

The operation screens shown in this manual may differ from the actual operations screens, depending on the devices used and the operating environment.

Setting the Target Devices (Setup)

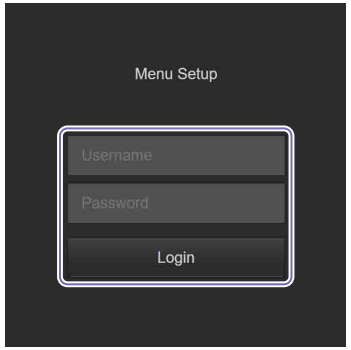
Before logging in to Virtual Shot Box, the target devices (target switcher and target panel) must be set up for each user account.

[Notes]

- If already logged in to Virtual Shot Box, first log out and then configure the settings.
- The default target switcher is "SWR1," and the default target panel is "PNL1." If the setting does not need to be changed, you can skip this step.

1 Launch a web browser, and enter the URL for Menu Setup.
Ask the administrator for the URL.
The Menu Setup login page appears.

2 Enter your username and password, then tap the [Login] button.
Ask the administrator for the username and password.



The target device setup screen appears.

3 Tap the [Target Device] button in the menu selection area at the top left of the screen.

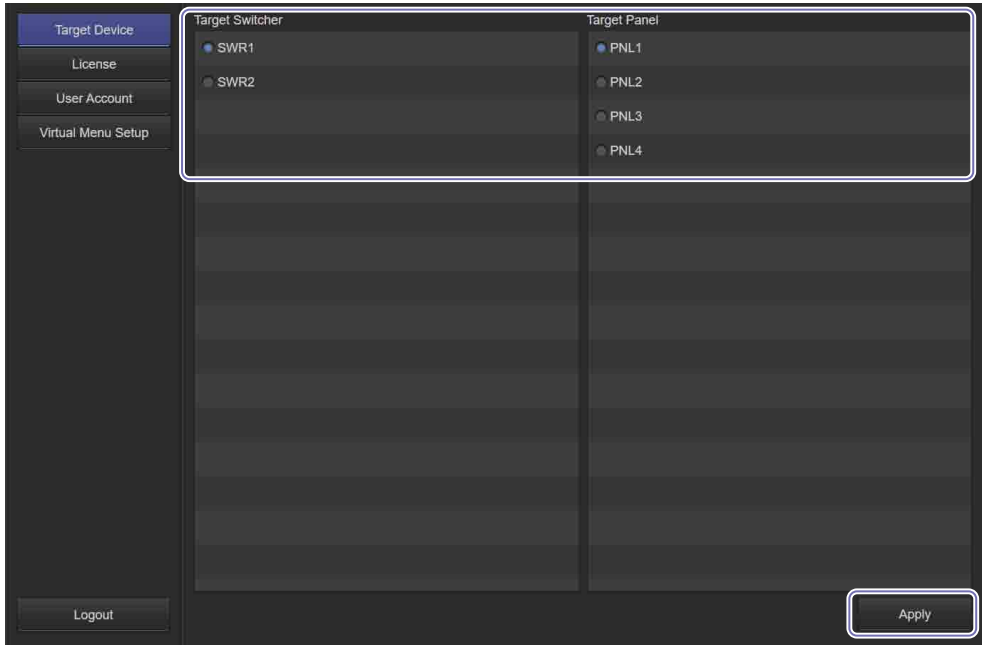


The Target Device menu appears in the menu contents area on the right of the screen.

4 Select the target switcher to operate in the [Target Switcher] list.

5 Select the target panel to operate in the [Target Panel] list.

6 Tap the [Apply] button.



The settings are saved.

7 Tap the [Logout] button at the bottom left of the screen to log out of Menu Setup.

Logging In / Logging Out

Logging In

Log in to Virtual Shot Box using the web browser of a tablet device.
For details about specifications of supported tablets, see “Specifications” (page 18).
Use the following procedure to log in.

1 Launch a web browser, and enter the URL of Virtual Shot Box.
Ask the administrator for the URL.

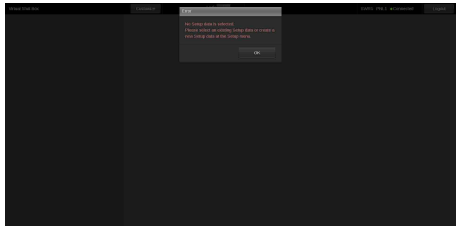


The log in screen appears.

2 Enter your username and password, then tap the [Login] button.
Ask the administrator for the username and password.



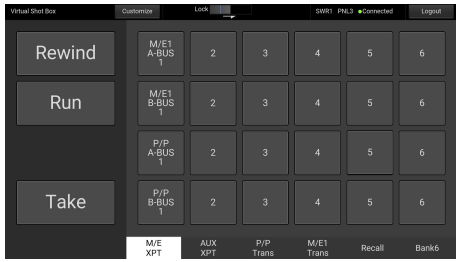
The Virtual Shot Box operation screen appears.
The first time you log in, the operation screen shows the following display.



“Operations using the Operation Screen” (page 7)

The buttons and banks on the operation screen are user configurable.

Customized screen example:



“Creating and Editing Setup Data” (page 9)

[Note]
The button size and shape will vary depending on the display size of the web browser.

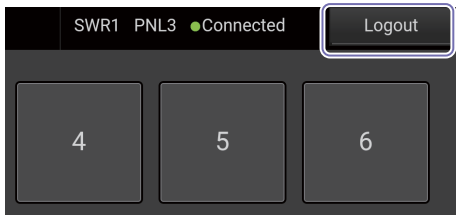
Full-screen display

You can set Virtual Shot Box to open in full-screen mode, without a web browser tool bar, when Virtual Shot Box is started using a shortcut button created on the home page. For setup details, refer to the operating instructions of the tablet device.

Logging Out

Use the following procedure to log out when finished using Virtual Shot Box.

1 Tap the [Logout] button at the top right of the screen.



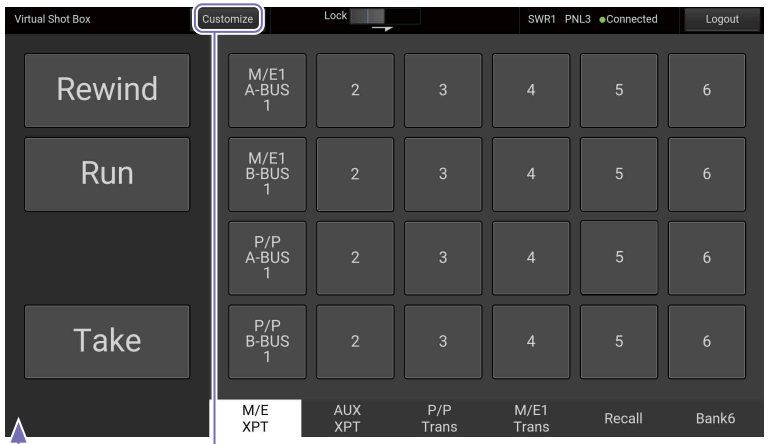
The user is logged out of Virtual Shot Box.

Virtual Shot Box Screen Transitions

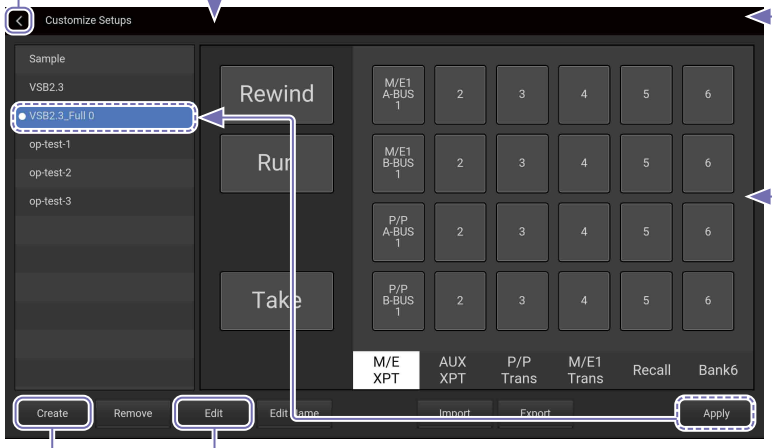
The Virtual Shot Box screens consists of the operation screen, setup screen, and edit screen.
The following diagram shows an overview of the screen transitions.

Screen	Description	See
Operation screen	• This screen is used to operate the switcher. The operation screen displays the menus (buttons and banks) configured by the user. • Tap the [Customize] button to switch to the setup screen.	"Operations using the Operation Screen" (page 7)
Setup screen	• This screen is used to select setup data to be displayed on the operation screen. Setup data refers to data that will be saved by the user-defined menus. Select setup data in the setup data selection area and tap the [Apply] button to display that setup data on the operation screen. • Tap < at the top left of the screen to return to the operation screen.	"Names and Function of Parts of the Setup Screen" (page 9)
	Tap the [Create] button to switch to the edit screen to create setup data.	"Creating Setup Data" (page 11)
	Select setup data and tap the [Edit] button to switch to the edit screen to edit setup data.	"Editing Setup Data" (page 15)
	Other tasks are performed using the [Remove], [Edit Name], [Import], and [Export] buttons.	"Other Setup Operations" (page 17)
Edit screen	• This screen is used to create and edit setup data. Tap the [Save] button to save settings and return to the setup screen. • Tap < at the top left of the screen or tap the [Cancel] button to return to the setup screen without saving settings.	"Names and Function of Parts of the Edit Screen" (page 10)

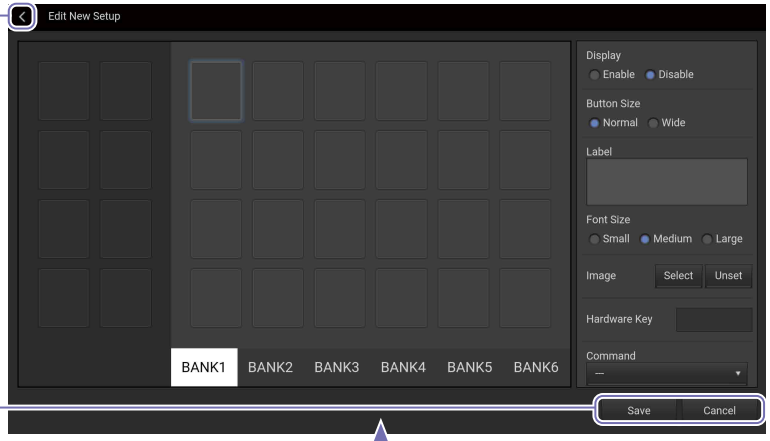
Operation screen



Setup screen



Edit screen

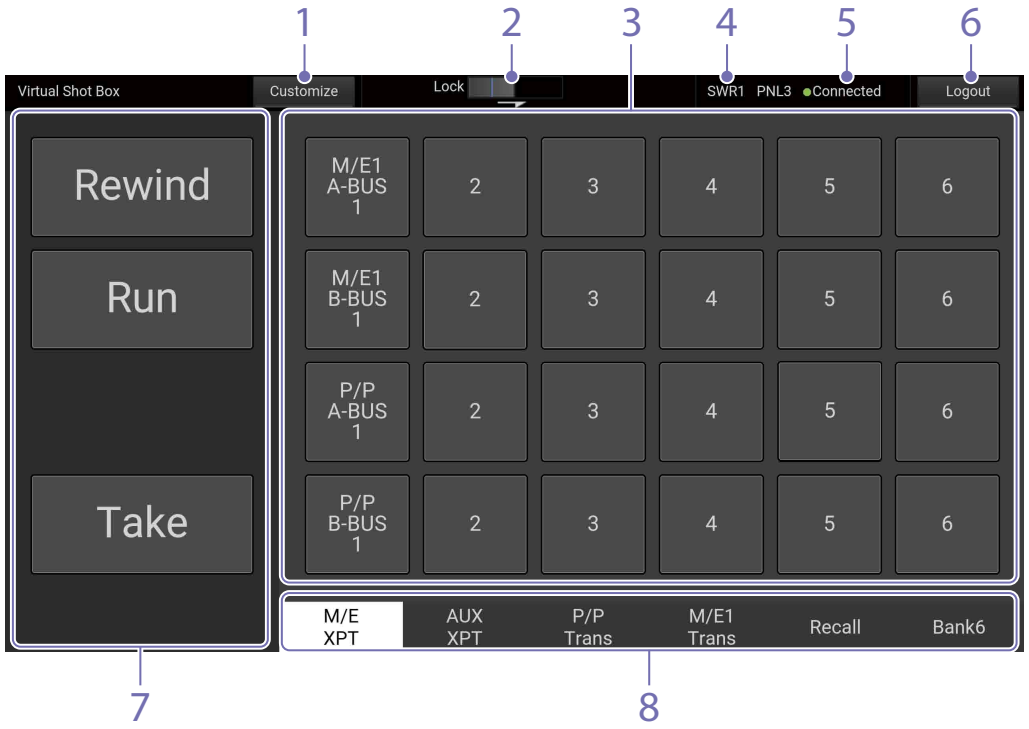


Operations using the Operation Screen

The operation screen is used to operate the switcher. The operation screen displays the menus (buttons and banks) configured by the user.
Menu settings are configured using the setup screen (page 9).

[Note]
The first time Virtual Shot Box is started, no menu is configured for display on the operation screen.

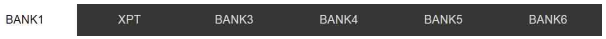
Names and Function of Parts of the Operation Screen



No.	Item	Description	See
1	[Customize] button	Tap to display the setup screen.	"Names and Function of Parts of the Setup Screen" (page 9)
2	[Lock] button	Slide to the right to lock the screen. Slide to the left to unlock the screen.	"Locking the Operation Screen" (page 8)
3	Bank button area	Displays the buttons configured on each bank.	–
4	Connected SWRx and PNLx	Displays the number of the connected switcher (SWR) and panel (PNL).	–
5	Connection status	"● Connected" is displayed if the switcher is connected successfully. "● Not Connected" is displayed if not connected.	–
6	[Logout] button	Tap to log out of Virtual Shot Box.	"Logging Out" (page 5)
7	Common button area	Displays buttons that are common to all banks.	–
8	Bank selection area	Displays the configured bank selection buttons. Tap a button to switch between banks.	"Basic Operation on the Operation Screen" (page 8)

Basic Operation on the Operation Screen

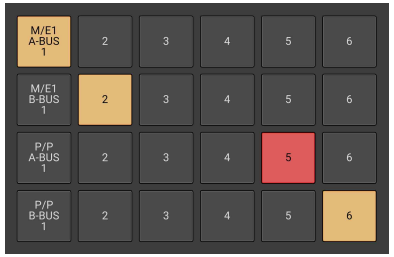
1 Tap a bank selection button in the bank selection area to select a bank.



2 Tap buttons in the common button area and bank button area to operate the switcher.
The buttons light up as follows, depending on the function assigned to the buttons.

Assigned function	Button indication
Shotbox Recall	Among all the buttons assigned with this function, the most-recently tapped button lights up amber.
Snapshot Recall	Among all the buttons assigned with this function, the most-recently tapped button lights up amber.
Run	Lights up amber during effect execution on the target control panel, and green when paused.
Rewind	Momentarily lights up amber when tapped.
Macro Recall	Among all the buttons assigned with this function, the most-recently tapped button lights up amber.
Macro Take	Momentarily lights up amber when tapped.
XPT (M/E) XPT (AUX)	Lights up red (high tally) or amber (low tally) according to the crosspoint selection state on the target switcher.
Transition	Lights up as follows according to the [Action] setting. • Cut: Not lit • Auto Trans: Lights up amber only during execution of an auto transition on the target switcher. • Key1 to 8 On: Lights up red (high tally) or amber (low tally) if key 1 to 8 on the target switcher is inserted. • Key1 to 8 Trans: Lights up in the same way as Key1 to 8 On. Lights up green during key 1 to 8 auto transition execution.

Display example:



Locking the Operation Screen

You can lock the operation screen to prevent execution of button operations.

1 Slide the [Lock] button to the right.



The screen locks.

Locked state:



2 To unlock the screen, slide the [Lock] button to the left.

Creating and Editing Setup Data

The first time Virtual Shot Box is started, no menu (button or bank) is configured for display on the operation screen.
Menus are created by the user using the setup screen and edit screen.
Menus created by a user are saved as setup data.

[Note]
The created setup data is shared between all users.

Names and Function of Parts of the Setup Screen

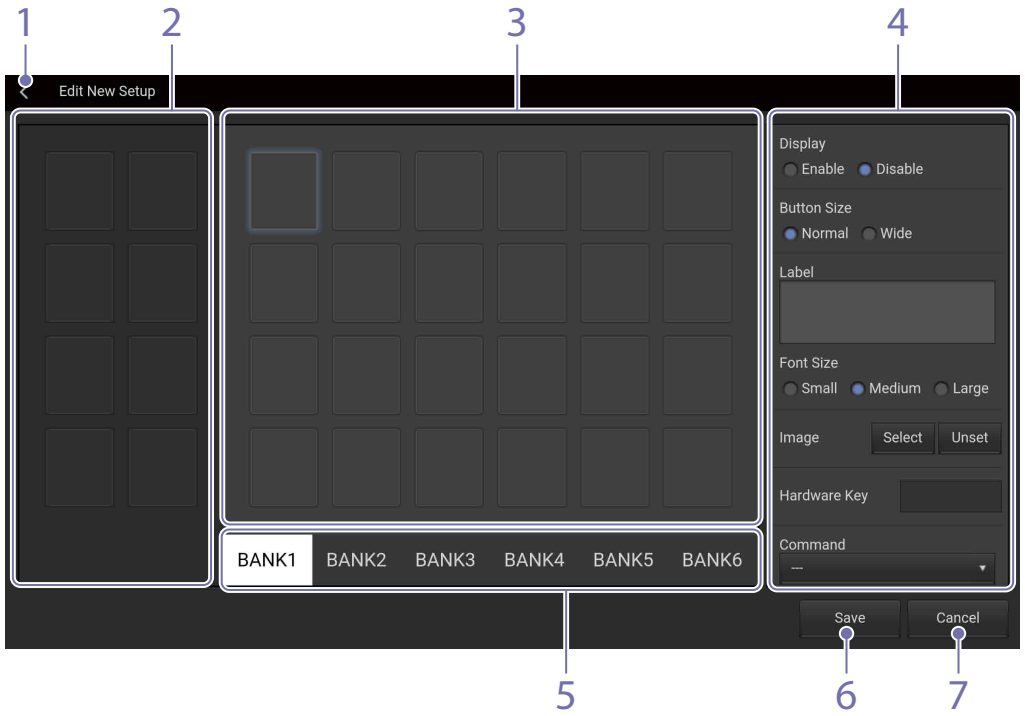
The setup screen is used to select setup data to be displayed on the operation screen, and to preview the setup status.
For details about selecting setup data, see page 15.
The edit screen for creating and editing setup data is invoked from the setup screen.



No.	Item	Description	See
1	< button	Tap to return to the operation screen.	–
2	Setup data selection area	Displays the saved setup data. Select setup data and tap the [Apply] button to display that setup data on the operation screen.	"Selecting Setup Data to be Displayed on the Operation Screen" (page 15)
3	Preview area	Displays a preview of the currently selected setup data items.	–
4	[Create] button	Tap to switch to the edit screen to create setup data.	"Creating Setup Data" (page 11)
5	[Remove] button	Select setup data and tap to remove that setup data.	"Removing Setup Data" (page 17)
6	[Edit] button	Select setup data and tap to switch to the edit screen to edit setup data.	"Editing Setup Data" (page 15)
7	[Edit Name] button	Select setup data and tap to rename that setup data.	"Renaming Setup Data" (page 17)
8	Bank selection buttons	Tap to switch between banks.	–
9	[Import] button	Tap to import setup data saved on the tablet device.	"Importing Setup Data" (page 17)
10	[Export] button	Tap to export setup data to the tablet device.	"Exporting Setup Data to a Tablet Device" (page 17)
11	[Apply] button	Select setup data and tap to display that setup data on the operation screen.	"Selecting Setup Data to be Displayed on the Operation Screen" (page 15)

Names and Function of Parts of the Edit Screen

The edit screen is used to create and edit setup data.
The edit screen is invoked from the setup screen.



No.	Item	Description	See
1	< button	Cancels the setup data editing operation.	–
2	Common button area	Registers buttons that are common to all banks. Up to eight buttons (when button size is set to [Normal]) can be registered.	"Creating Setup Data" (page 11)
3	Bank button area	Registers buttons for a single bank. Up to 24 buttons (when button size is set to [Normal]) can be registered.	
4	Edit menu area	Displays the menu for editing menus (buttons and banks).	
5	Bank selection area	Sets the bank selection buttons.	
6	[Save] button	Saves the setup data.	
7	[Cancel] button	Cancels the setup data editing operation.	

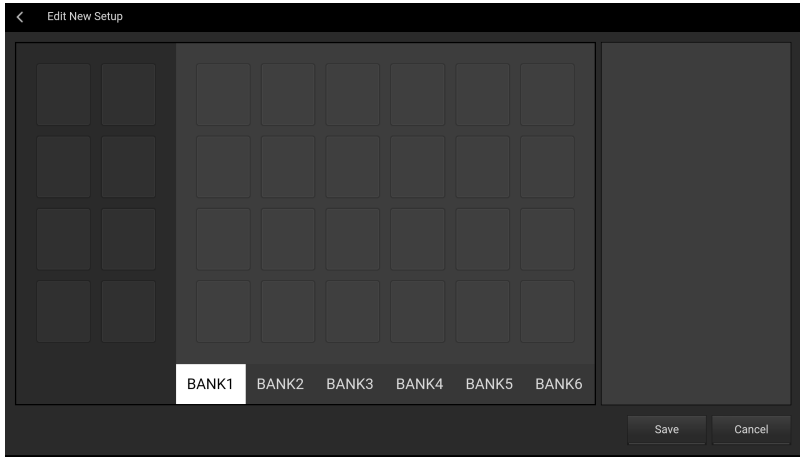
Creating Setup Data

Use the following procedure to create new setup data.

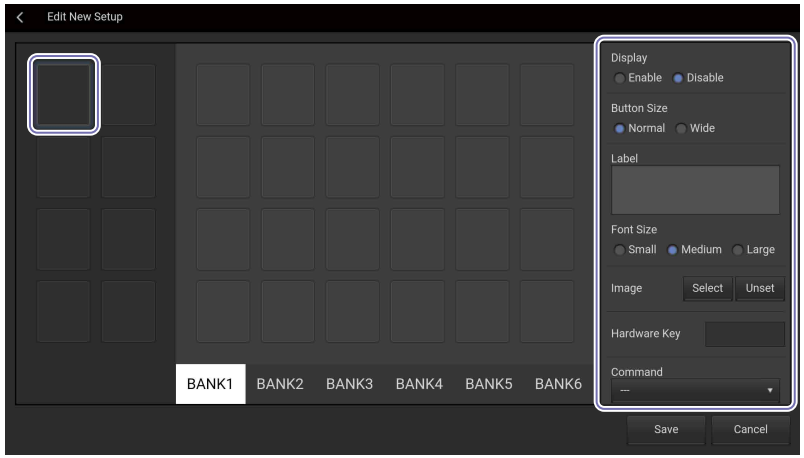
1 Tap the [Create] button on the setup screen.



The edit screen appears.
A setup data item called "New Setup" is assigned automatically.



2 Create a button in the common button area.
Tap a frame for the location of the button to display the edit button menu in the edit menu area.



3 Set the button attributes in the edit button menu.

Item	Description
Display	Selects whether to display the button on the operation screen. ● Select [Enable] to display the button on the operation screen. ● Select [Disable] to not display the button on the operation screen.
Button Size	Sets the button size to [Normal] or [Wide]. [Notes] ● If a frame on the right-hand edge of the button area is selected, a Normal size button is created, even if [Wide] is specified. ● The button frame to the right of the selected frame disappears when [Wide] is specified.
Label	Enter a label to display in the button.
Font Size	Sets the font size of the label displayed in the button to [Small], [Medium], or [Large].

Item	Description
Image: [Select] button	Selects an image to display in the button. Tap the [Select] button to display the image selection dialog. ● Preregistered images are displayed on the [Preset] tab. To use an image, select the image and tap the [OK] button. ● Images registered by a user are displayed on the [User] tab. To use an image, select the image and tap the [OK] button. To upload an image file 1 Tap the [Upload Image] button in the image selection dialog. A file selection dialog appears. 2 Select an image file. The image is uploaded. To delete an uploaded image file 1 Select the image file to delete on the [User] tab, and tap the [Delete Image] button. 2 Tap the [Yes] button in the confirmation dialog.
Image: [Unset] button	Releases the use of an image specified using the [Select] button. Select the image on the edit screen, and tap the [Unset] button to release the use of the image.
Hardware Key	Leave this field blank for normal operation. If a value has been entered, tap the field and remove the setting.
Command	Selects the function to assign to the button. The setting will vary according to the function. For details, see the "Button function and configuration items" section.

Button function and configuration items

For details about each function, refer to the User's Guide for the switcher.

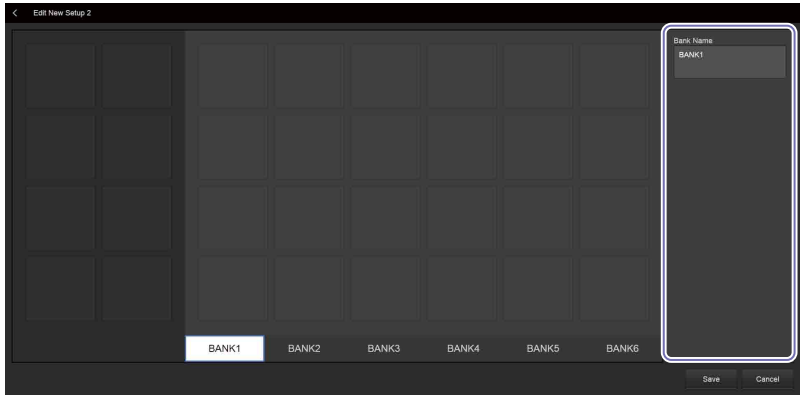
Button function	Configuration item	Description	Input value
–	–	No function is assigned.	–
Shotbox Recall	Reg No.	Number of target register to recall	1 to 99
Snapshot Recall	Region	Target region to recall	Select one of the following: M/E1 to M/E5, P/P
	Reg No.	Number of target register to recall	1 to 99
Macro Recall	Macro No.	Number of target macro to recall	1 to 999
Macro Take	–	–	–
Rewind	–	–	–
Run	–	–	–
XPT (M/E)	M/E	Target M/E to switch	Select one of the following: P/P, M/E1 to M/E5, P/P Sub, M/E1 Sub to M/E5 Sub
	Bus	Target bus to switch	Select one of the following: A-Bus, B-Bus, Util1 to 2, Key1 Fill to Key8 Fill, Key1 Src to Key8 Src
	Pair No	Pair number to switch	1 to 300
XPT (AUX)	Bus	Target AUX bus to switch	Select one of the following: Aux1 to Aux48
	Pair No	Pair number to switch	1 to 300
Transition	M/E	Target M/E row for transition	Select one of the following: P/P, M/E1 to M/E5, P/P Sub, M/E1 Sub to M/E5 Sub
	Action	Transition execution target and action	Select one of the following: Cut, Auto Trans, Key1 to 8 On, Key1 to 8 Trans [Note] Only Cut and Auto Trans can be selected if an M/E is configured as P/P Sub or M/E1 Sub to M/E5 Sub.

4 Repeat steps 2 and 3 to create other buttons.

5 Press and hold a bank selection button.

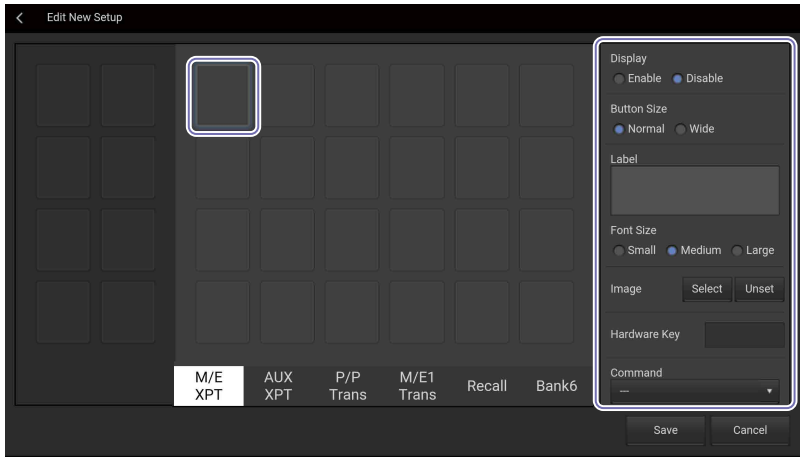


The edit bank menu appears in the edit menu area.



6 Enter a name for the bank selection button.
You can configure up to six bank selection buttons.

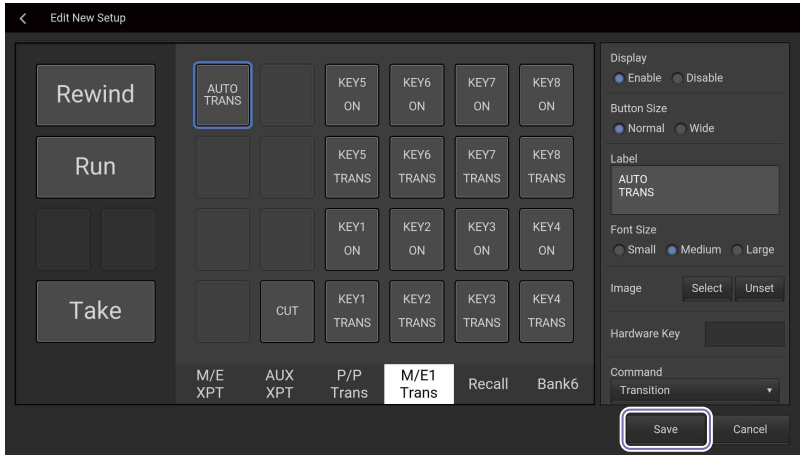
7 Create a button in the bank button area.
Tap a frame for the location of the button to display the edit button menu in the edit menu area.



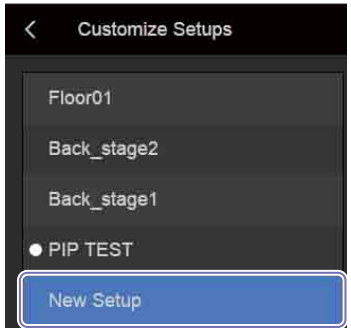
For details about configuring the button, see step 3.

8 Repeat steps 5 to 7 to create other banks and buttons.

9 Tap the [Save] button.



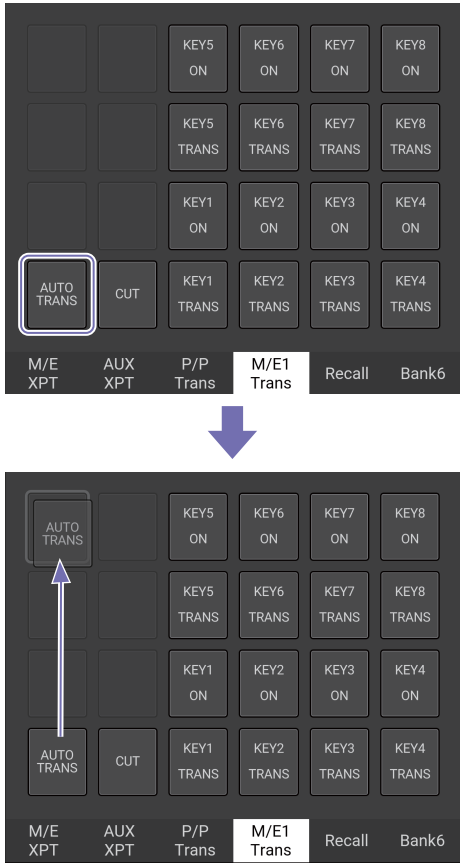
The setup data is saved.
To exit without saving the configuration, tap the [Cancel] button.



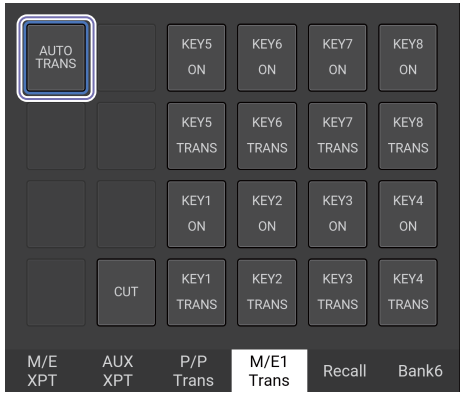
You can change the name of the setup (page 17).

To move a button

1 Press and drag the button to another button frame.



The button moves.

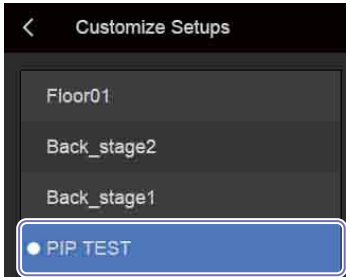


[Note]
If a button already exists at the destination frame, the buttons swap positions.

Editing Setup Data

Use the following procedure to edit existing setup data.

1 Select the setup data to edit in the setup data selection area on the setup screen.



2 Tap the [Edit] button.



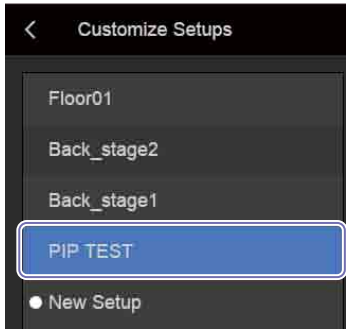
The screen switches to the edit screen to edit setup data.

3 Edit the setup data as described in "Creating Setup Data" (page 11).

4 Tap the [Save] button.
The setup data is overwritten.

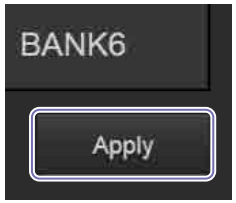
Selecting Setup Data to be Displayed on the Operation Screen

1 Select setup data to be displayed on the operation screen from the setup data selection area.

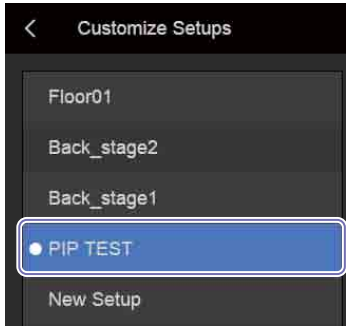


The background color of selected setup data changes to blue.

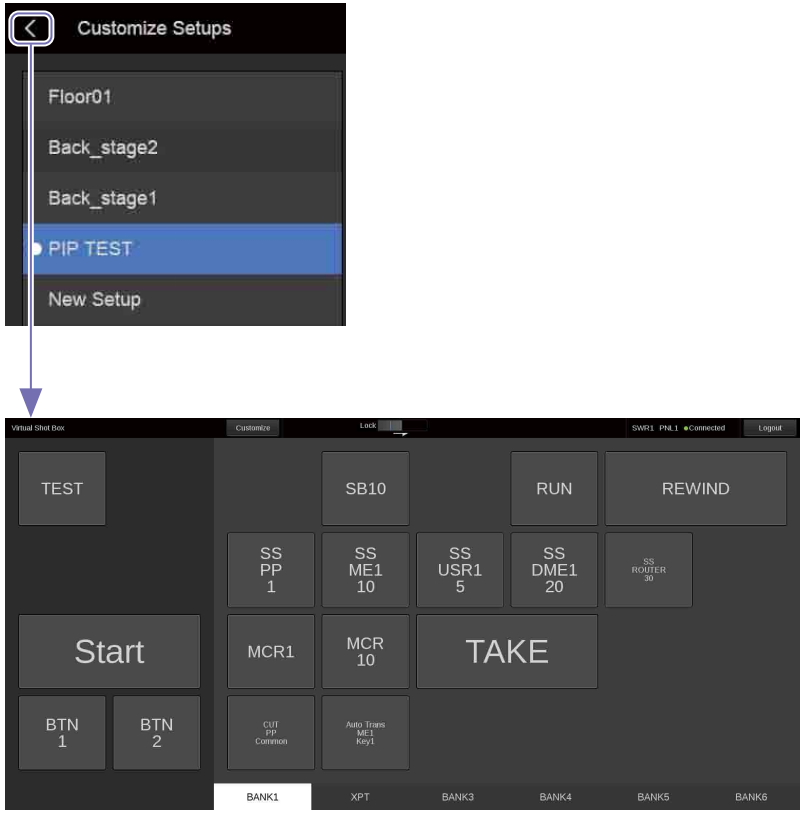
2 Tap the [Apply] button.



A ● mark is displayed on the left of selected setup data.



3 Return to the operation screen, and check that the setup data is selected.



Other Setup Operations

The following setup operations are also supported.

Renaming Setup Data

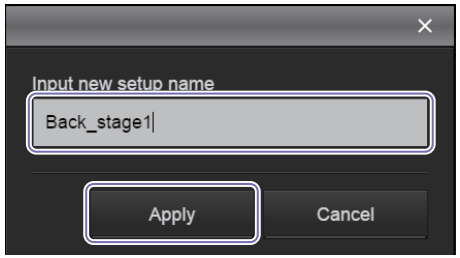
1 Select the setup data to rename in the setup data selection area on the setup screen.

2 Tap the [Edit Name] button.



A rename dialog appears.

3 Enter a name and tap the [Apply] button.
To exit without renaming, tap the [Cancel] button or the [X] button.



The setup data is renamed.

Removing Setup Data

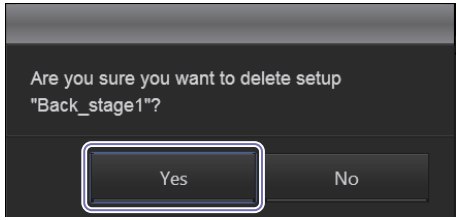
1 Select the setup data to remove in the setup data selection area on the setup screen.

2 Tap the [Remove] button.



A confirmation dialog appears.

3 Tap the [Yes] button to remove the setup data.
To exit without removing, tap the [No] button.



The setup data is removed.

Exporting Setup Data to a Tablet Device

You can export setup data to a tablet device.

1 Select the setup data to export in the setup data selection area on the setup screen.

2 Tap the [Export] button on the setup screen.



The setup data is exported to a .dat file on the tablet device.

[Note]
The download destination will vary depending on the tablet settings.

Importing Setup Data

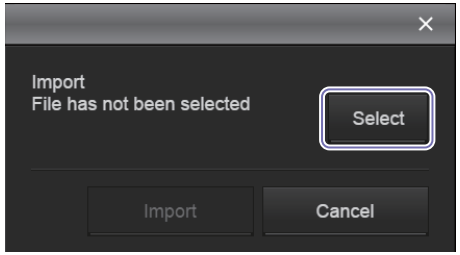
You can import setup data saved on a tablet device.

1 Tap the [Import] button on the setup screen.



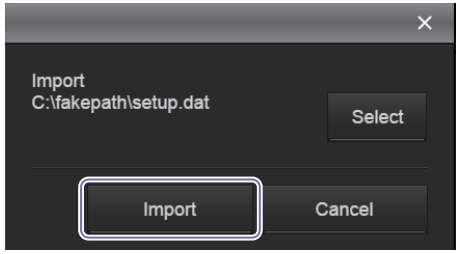
An import dialog appears.

2 Tap the [Select] button.



3 Select the setup data saved on a tablet device.

4 Tap the [Import] button.



The setup data is imported, and the setup data name is displayed in the setup data selection area.

Specifications

The recommended specifications for tablet devices are as follows.

Item	Recommended specification
OS	Android 11.0.0
Web browser	Chrome 96 or later (update to the latest version)
Screen size	1024×720 pixels or greater (1920×1080 recommended)

[Note]

This does not represent a guarantee that all tablet devices that satisfy the requirements can operate the target device.

Appendix

If an Error Message Appears

If an error message appears together with instructions for resolving the error, always follow the instructions.

If "[Internal Error (code: xxxx)] … Please restart the Switcher System and retry" appears in an error message, shut down the switcher system and then restart it.
If the switcher still does not operate normally after restarting, contact your Sony service representative.

[Note]
For details about shutting down the switcher system, refer to the User's Guide for the switcher.