



XS-80H Remote is a dedicated iPad application for the Roland XS-82H/XS-83H/XS-84H (the “XS-80H series”).

Connecting an XS-80H series unit with an iPad via Wi-Fi lets you operate the XS-80H series unit using XS-80H Remote.

XS-80H Remote

Owner’s Manual

This application is compatible with XS-80H series system program version 1.1 and later. Update the XS-80H series unit to the latest system program before use.

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Setting Up XS-80H Remote

Starting/Quitting XS-80H Remote

Starting

1. Turn on the power to the iPad on which XS-80H Remote is installed.
2. Tap the XS-80H Remote icon shown below.



Quitting

1. Press the Home button on the iPad.

NOTE

About the Destination Where Setting Values are Saved

The values of menu items are saved in the XS-80H series unit. When the iPad and the XS-80H series unit are not connected, before you quit the application, be sure first to connect the XS-80H series unit and save the setting values.

Connecting via Wi-Fi

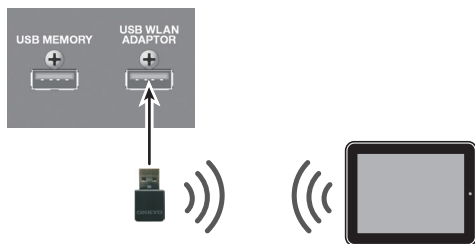
How to Connect via Wi-Fi

Attaching an optional wireless USB adaptor to the USB WLAN ADAPTOR port on the XS-80H series unit lets you connect the iPad and the XS-80H series device via wireless LAN.

* For the wireless USB adaptor, use the ONKYO UWF-1 or Roland WNA1100-RL.

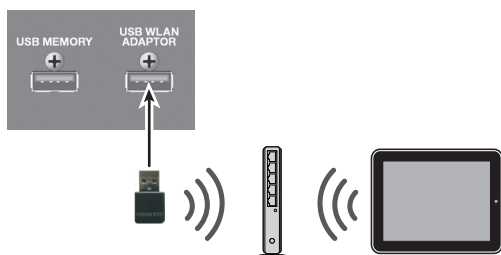
You can use either of the following two methods to make the Wi-Fi connection.

- ① Direct connection to the iPad (ad-hoc mode) → p. 3



- ② Connection through a Wi-Fi router

You make a wireless connection between the XS-80H series device and a Wi-Fi router, and make a wireless connection to the iPad via the router.



→ Connecting to a Wi-Fi Router by WPS: p. 3

→ Selecting and Connecting to a Wi-Fi Router: p. 4

Preparations

To make the connections over Wi-Fi, have the following equipment on hand.

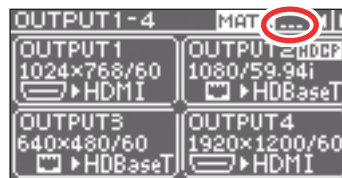
- Wireless USB adaptor (ONKYO UWF-1 or Roland WNA1100-RL, sold separately)
- iPad
- Wi-Fi router (wireless LAN router, etc.) (*1) (*2)

(*1) Connection with all Wi-Fi routers is not assured.

(*2) This is not required when connecting in ad-hoc mode (p. 3).

Checking the Wi-Fi Connection Status

The status of the Wi-Fi connection is shown by an icon at the upper right of the display on the XS-80H series unit.



Icon	Description
	Connected to the Wi-Fi router. The signal strength (the strength of the radio waves from the Wi-Fi router) is indicated by three bars.
	A wireless USB adaptor is attached, but no connection to the Wi-Fi router is in effect.
	No wireless USB adaptor is attached.
	In ad-hoc mode.

Directly Connecting the iPad and XS-80H Series Device (Ad-hoc Mode)

This makes a direct wireless connection between the iPad and the XS-80H series device without using a Wi-Fi router (ad-hoc mode).

NOTE

The iPad connected in ad-hoc mode cannot connect to the Internet or communicate with other Wi-Fi devices.

1. Insert the optional wireless USB adaptor into the USB WLAN ADAPTOR port on the XS-80H series unit.

For the wireless USB adaptor, use the ONKYO UWF-1 or Roland WNA1100-RL.

2. On the XS-80H series device, make the setting for ad-hoc mode.

- 1 Use the [MENU] button to select "WIRELESS LAN," then set "AD-HOC MODE" to "ON."

This turns on ad-hoc mode.

- 2 From the WIRELESS LAN menu, select "INFORMATION," then press the [VALUE] dial.

The "WLAN INFORMATION" popup appears.

The following information is required when making the connection to the iPad.

Indication	Description
SSID	This displays the SSID.
AD-HOC KEY	This displays the ad-hoc key.

MEMO

When connecting multiple XS-80H series devices of the same model, to distinguish between SSIDs, set the wireless ID on each XS-80H series unit. For details, refer to "Setting the Wireless ID" (p. 5).

3. On the iPad, make the network settings.

- 1 On the iPad, tap "Settings" → "Wi-Fi" and make sure "Wi-Fi" is turned on, then for "Device," select the SSID displayed in the "WLAN INFORMATION" popup on the XS-80H series unit.
- 2 If a screen for entering a password appears, enter the ad-hoc key displayed in the "WLAN INFORMATION" popup on the XS-80H series device.

MEMO

- If the connection cannot be made smoothly, changing the channel of the ad-hoc mode on the XS-80H series device might help.

Use the [MENU] button to select "WIRELESS LAN" → "AD-HOC CH," and change the ad-hoc mode channel (1 through 11).

- When you're not making a connection in ad-hoc mode, return the iPad's "Settings" → "Wi-Fi" settings to their original values.

4. Press the [MENU] button on the XS-80H series device to exit the menu.

Connecting to a Wi-Fi Router by WPS

This connects the XS-80H series device and Wi-Fi router by using WPS.

"WPS" is a feature that makes it easy to connect to a Wi-Fi router and make security-related settings.

MEMO

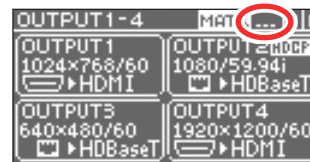
- The Wi-Fi router you're using must support WPS.
- When a WPS connection is made to a Wi-Fi router, the connection information is saved in memory, and thereafter the connection is established automatically.

1. Insert the optional wireless USB adaptor into the USB WLAN ADAPTOR port on the XS-80H series unit.

For the wireless USB adaptor, use the ONKYO UWF-1 or Roland WNA1100-RL.

2. Connect the XS-80H series device to the Wi-Fi router.

- 1 Wait until the icon shown below appears at the upper right of the XS-80H series device's display.



- 2 Use the [MENU] button to select "WIRELESS LAN" → "WPS," then press the [VALUE] dial.

The "WPS" popup appears.



- 3 Enable WPS on the Wi-Fi router (e.g., press the router's WPS button).

* To enable WPS on the Wi-Fi router, refer to the documentation for the router.

- 4 Press the [VALUE] dial.

The WPS connection is established.

When connection is successful, the "WPS" popup disappears and the unit returns to the WIRELESS LAN menu.

- 5 Press the [MENU] button to quit the menu.

3. Connect the iPad and the Wi-Fi router.

- 1 On the iPad, tap "Settings" → "Wi-Fi," make sure Wi-Fi is turned on, then at "Choose a Network," select the Wi-Fi router to which the XS-80H series device is connected.

Selecting and Connecting to a Wi-Fi Router

This lets you select from a list of Wi-Fi access points the Wi-Fi router where you want to connect the XS-80H series device, then make the connection.

- * The 802.11g/n (2.4-GHz) wireless protocols and WPS and WPS2 authentication methods are supported.
- * For information on how to operate the Wi-Fi router, refer to the router's documentation.

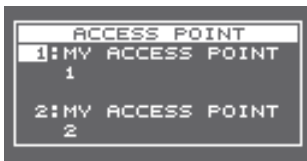
1. Insert the optional wireless USB adaptor into the USB WLAN ADAPTOR port on the XS-80H series unit.

For the wireless USB adaptor, use the ONKYO UWF-1 or Roland WNA1100-RL.

2. Connect the XS-80H series device to the Wi-Fi router.

1 Use the [MENU] button on the XS-80H series device to select "WIRELESS LAN" → "ACCESS POINT," then press the [VALUE] dial.

The "ACCESS POINT" popup appears.



- The number of the currently selected Wi-Fi router is highlighted.
- Names that use other than single-byte alphanumeric characters are not displayed correctly.

2 Select the Wi-Fi router you want to connect to and press the [VALUE] dial.

- **When the Wi-Fi router is one you're connecting to for the first time**

The "PASSPHRASE" popup appears. Go on to step 2- **3**



- **When the Wi-Fi router is one that you've connected to in the past**

The connection is made as soon as you select the Wi-Fi router. When a successful connection is made, the unit returns to the WIRELESS LAN menu. Go on to step 3

5 Check the message and press the [VALUE] dial. (If you want to quit, press the [EXIT] button.)

When a successful connection is made, the unit returns to the WIRELESS LAN menu.

6 Press the [MENU] button to quit the menu.

3. Connect the iPad and the Wi-Fi router.

1 On the iPad, tap "Settings" → "Wi-Fi," make sure Wi-Fi is turned on, then at "Choose a Network," select the Wi-Fi router to which the XS-80H series device is connected.

Entering Security Data

- * This procedure is necessary only when the Wi-Fi router is one you're connecting to for the first time

3 Enter the security data (passphrase) for the Wi-Fi router.

Pressing the [VALUE] dial lets you change the character at the cursor location. Turn the [VALUE] dial to change the character, then press the [VALUE] dial to apply the change.

Moving the cursor	Turn the [VALUE] dial. The cursor moves forward or backward.
Inserting a character	Press the [◀] button. The same character as the one just before the cursor location is inserted.
Deleting a character	Press the [▶] button. The character at the cursor location is deleted.

4 When you've finished entering the text, press the [EXIT] button.

Setting the Wireless ID

Here you set the device name and SSID for the Wi-Fi-connected XS-80H series unit displayed in XS-80H Remote.

When multiple XS-80H series devices of the same model are on the network, you can change the device names and SSIDs by setting wireless IDs within a range of 1 to 99.

The XS-84H is used in the following example.

Wireless ID = 0: "XS-84H" (default)

Wireless ID = 1: "XS-84H-1"

:

Wireless ID = 99: "XS-84H-99"

* The wireless ID is a setting shared by the wired LAN and the wireless LAN.

1. Use the [MENU] button on the XS-80H series device to select "WIRELESS LAN," then use "WIRELESS ID" to set the wireless ID.

The device name and SSID change automatically when you make the "WIRELESS ID" setting.

2. Press the [MENU] button to quit the menu.

Checking the Wi-Fi Information

Here you check the Wi-Fi information for the XS-80H series device.

1. Use the [MENU] button on the XS-80H series device to select "WIRELESS LAN" → "INFORMATION," then press the [VALUE] dial

The "WLAN INFORMATION" popup appears.

You can check and verify the following information.

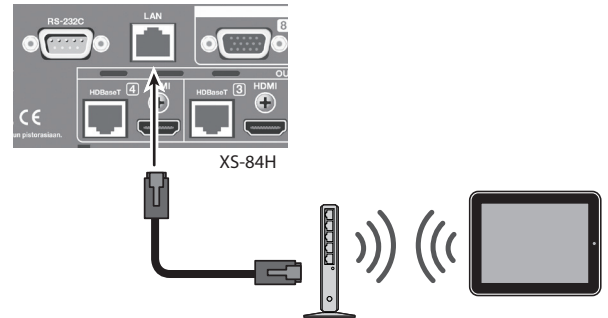
Indication	Description
STATUS	This displays the connection status.
	CONNECTED: Connected to the Wi-Fi router.
	NOT CONNECTED: A wireless USB adaptor is attached, but no connection to the Wi-Fi router is in effect.
	NOT AVAILABLE: No wireless USB adaptor is attached.
AD-HOC:	In ad-hoc mode.
SSID	This displays the SSID.
IP ADDRESS	This displays the IP address.
SUBNET MASK	This displays the subnet mask.
MAC ADDRESS	This displays the MAC address.
AD-HOC KEY	This displays the ad-hoc key.

2. Press the [MENU] button to quit the menu.

Making a Wired Connection to the Wi-Fi Router

Here you connect the XS-80H series device to the Wi-Fi router using a network cable and make a wireless connection to the iPad via the router.

* For information on how to operate the Wi-Fi router, refer to the router's documentation.



1. Use a network cable to connect the LAN port on the XS-80H series unit to the Wi-Fi router.
 2. Connect the XS-80H series device to the Wi-Fi router.
 - 1 Use the [MENU] button on the XS-80H series device to select "LAN," and then make the following settings.
- | Menu item | Description |
|------------|---|
| CONFIGURE | This sets whether the IP address is obtained automatically (USING DHCP) or set manually (MANUALLY). |
| IP ADDRESS | This sets the IP address when "CONFIGURE" is set to "MANUALLY."
* The subnet mask is fixed at "255.255.255.0" and cannot be changed. |
- 2 Press the [MENU] button to quit the menu.
 3. Connect the iPad and the Wi-Fi router.
 - 1 On the iPad, tap "Settings" → "Wi-Fi," make sure Wi-Fi is turned on, then at "Choose a Network," select the Wi-Fi router to which the XS-80H series device is connected.

Selecting the XS-80H series Device to Operate by Remote Control

Initiating Communication with the XS-80H Series Unit

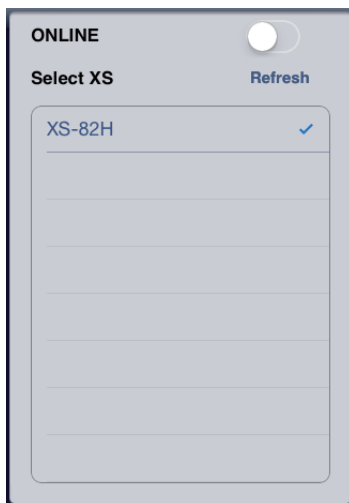
1. Tap the [Online] button to display the ONLINE popover.

When the ONLINE popover appears, scanning for XS-80H series units capable of communication starts.



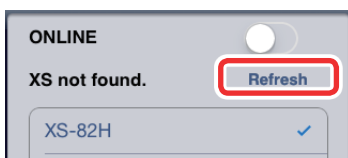
2. Select the XS-80H series unit to communicate with.

When an XS-80H series device capable of communication is found, a screen like the one shown below appears. Tap the desired device name to select it.

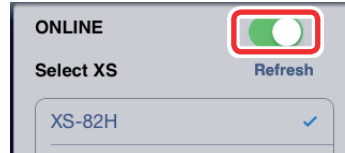


MEMO

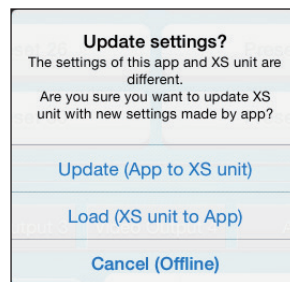
- When connecting multiple XS-80H series devices of the same model, change the wireless ID on each XS-80H series unit to set different device names for them. For details, refer to "Setting the Wireless ID" (p. 5).
- If no XS-80H series unit capable of communication is found**
If no XS-80H series device is found, the message "XS not found." appears. If no XS-80H series device is found or the device name of the desired XS-80H series unit is not listed, tap the [Refresh] button to rescan.



3. At the Online screen, tap the [ONLINE] switch or slide it to the right.



If the settings for XS-80H Remote and the XS-80H series unit are different, the following popup appears.



4. Tap "Update" or "Load" in the popup.

Communication between the iPad and the XS-80H series device starts.

Update	This sends the XS-80H Remote settings to the XS-80H series device, overwriting the settings on the unit. * Even when "Update" is selected, the following settings are loaded into XS-80H Remote from the XS-80H series device. <ul style="list-style-type: none"> The "Video Input" setting "Type" The "Audio Control" setting "Source"
Load	This loads the XS-80H series unit's settings into XS-80H Remote.
Cancel	This cancels the online operation.

Ending Communication with the XS-80H series Unit

1. At the Online screen, tap the [ONLINE] switch or slide it to the left.

Communication with the XS-80H series device ends.

MEMO

- Communication with the XS-80H series device also ends if XS-80H Remote is moved to the background.
- When one of the following operations is executed by a multitasking gesture, Auto-Lock, or the like, XS-80H Remote moves to the background, and so communication with the XS-80H series device ends.
- Suspending the application
 - Switching the application
 - Connecting to Notification Center

* Multitasking gestures and Auto-Lock can be turned off under "Settings." This can help prevent ending communication through unintended operation.
* When XS-80H Remote has been moved to the background, communication automatically resumes when you start XS-80H Remote again.

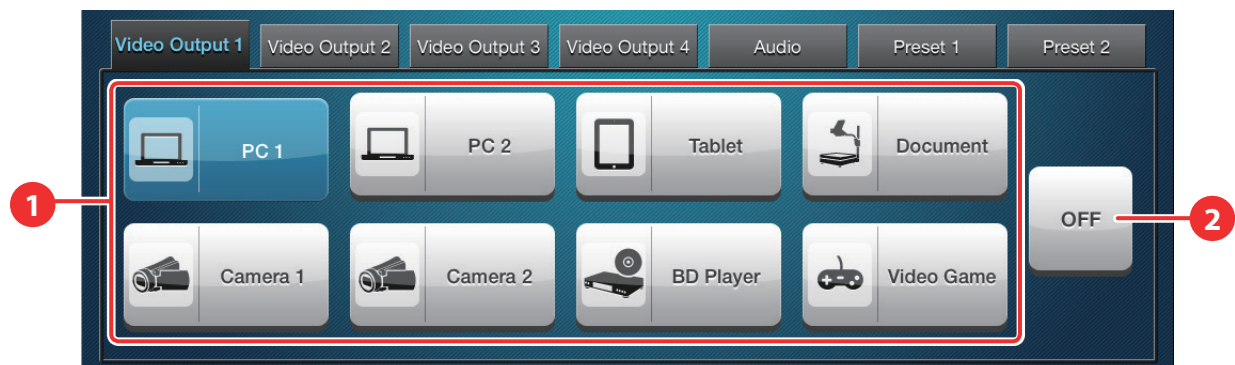
Panel Descriptions

The screen shown below appears when XS-80H Remote starts.



No.	Name	Description
1	[Online] button	This displays the ONLINE popover (p. 6).
2	[Settings] button	This displays the Settings screen (p. 9).
3	Display-selection tabs	Tapping a tab changes to a Video Output screen, Audio screen, or Preset screen. You can switch between displaying and hiding each tab by tapping "Tab" at the Settings screen (p. 9). You can also use "Tab Name" at the Settings screen to change the name displayed for each tab (p. 10).
4	Display area	This displays a Video Output, Audio, or Preset screen.

Video Output Screens



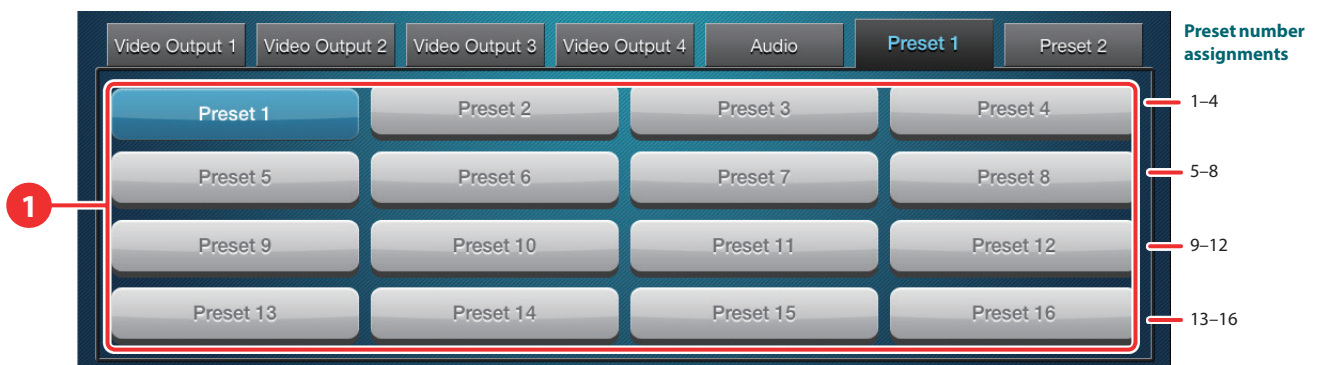
No.	Name	Description
1	Cross-point selection buttons	These switch the cross points for the video or audio channels. * You can use "Video Input" on the Settings screen (p. 9) to change button icons and names. * The operation mode is fixed at "video and audio interlink mode" and cannot be changed.
2	[OFF] button	This applies fade to the output video and outputs a picture of a single color. The [OFF] button lights up in orange when the video fade-out is complete.

Audio Screens



No.	Name	Description
1	Audio faders (FADER 1-8, OUTPUT FADER)	This display the volume levels of the audio channels. You adjust the volume of audio input or output by dragging its audio fader up and down or tapping the [+] and [-] buttons. * You can use "Audio Control" on the Settings screen (p. 9) to change the assignments for audio faders.
2	Mute buttons	These set the Mute feature on or off. The input or output audio for which this is turned on is muted out. When turned on, the Mute button lights up in white, and "OFF" is displayed for the volume level. * You can use "Audio Control" on the Settings screen (p. 9) to change audio channel icons and names.

Preset Screens



No.	Name	Description
1	Preset access buttons	These buttons access preset settings that have been saved. * You can use "Preset Name" on the Settings screen (p. 10) to change the names of presets. * You can access preset numbers 1 through 16 at the Preset 1 screen and preset numbers 17 through 32 at the Preset 2 screen.




List of Settings Menu Items

Tapping the [Settings] button displays the Settings screen.

Menu-item settings are saved in the XS-80H series unit as soon as the settings are changed. Be sure to change settings only while the iPad and XS-80H series device are connected. Note, however, that the "Passcode" setting and the "Photo" setting for "Wallpaper" are saved in XS-80H Remote.

MEMO

- XS-80H Remote supports text display in English and Japanese.
- The default value is printed in bold character.

Menu item	Value	Description	
Title			
TITLE	XS-80H Remote	This sets the screen title. You can enter up to 128 characters (128 bytes). Tap the "Title" field and edit the title.	
Tab			
UPSIDE AREA DOWNSIDE AREA	Video Output 1 : Video Output 4	On , Off (*1)	This switches between displaying (On) and hiding (Off) tabs.
	Audio	On , Off (*1)	
	Preset 1	On , Off (*1)	
	Preset 2	On , Off (*1)	
Video Input			
INPUT 1 : INPUT 8	Type	HDMI , RGB/Component, Composite, Y-C, Still-1, Still-2, Still-3, Still-4, SHARE (*2)	This sets the type of video signal to input.
	Icon		This selects the icons displayed for cross-point selection buttons.
	Name	PC 1 PC 2 Tablet Document Camera 1 Camera 2 BD Player Video Game	This sets the names for cross-point selection buttons. You can enter up to 64 characters (64 bytes). Tap the "Name" field and edit the name.
Audio Control			
FADER 1 : FADER 8	Source	HDMI INPUT 1 : HDMI INPUT 8 , ANALOG INPUT 1-8	This sets the audio input channel assigned to the respective audio fader.
	Icon		This selects the icon displayed for the audio input channel.
	Name	MIC 1 : MIC 6 CD 1 AUX	This sets the name of the audio input channel. You can enter up to 64 characters (64 bytes). Tap the "Name" field and edit the name.
OUTPUT FADER	Source	ALL , OUTPUT1-4	This sets the audio output channel assigned to the audio fader. Setting this to "ALL" lets you adjust the audio on all audio output channels simultaneously.
	Icon		This selects the icon displayed for the audio output channel.
	Name	Master	This sets the name of the audio output channel. You can enter up to 64 characters (64 bytes). Tap the "Name" field and edit the name.

List of Settings Menu Items

Menu item	Value	Description
Tab Name		
Video Output 1	Video Output 1	These set the names of the respective tabs. You can enter up to 64 characters (64 bytes). Tap the tab name and edit the name.
Video Output 2	Video Output 2	
Video Output 3	Video Output 3	
Video Output 4	Video Output 4	
Audio	Audio	
Preset 1	Preset 1	
Preset 2	Preset 2	
Preset Name		
Preset 1	Preset 1	These set the names of the respective presets. You can enter up to 64 characters (64 bytes). Tap the preset name and edit the name.
:	:	
Preset 32	Preset 32	
Wallpaper		
Change Wallpaper	Built-in, Photo	This sets the background image in XS-80H Remote.
Passcode		
Turn Passcode On/ Turn Passcode Off	On, Off	This switches passcode use on and off. Tap "Turn Passcode On" and enter the passcode in the "Set passcode" popup. The passcode is set when you have entered it twice. * When passcode use is turned on, the passcode must be entered to display the Settings screen in XS-80H Remote. To turn off passcode use, tap "Turn Passcode Off" and enter the passcode in the "Turn off passcode" popup.
Change Passcode	—	This changes the set passcode (a four-digit number). NOTE Forgetting the set passcode makes it impossible for you to access the Settings screen. Be careful not to forget the passcode. If you forget the passcode, reinstall XS-80H Remote.
Version		
Version	—	This displays the program version information for XS-80H Remote.

(*1): The indications on the [On/Off] switches differs according to the iPad's language setting and iOS.

(*2): "SHARE" can be set for Input 2 through 8.