

**Android TV OS 12**

Settings are based on the worldwide model. Some settings may differ from EU RED-DA compliant models and China-specific models.

Item		Options	Default Value	USB Export	Description		
Info banner		On / Off	On	—	Settings for information temporarily displayed when connected.		
External inputs	Manage inputs	HDMI 1	HDMI 1 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 1	Allow	Display settings for HDMI 1 input.	
		HDMI 2	HDMI 2 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 2	Allow	Display settings for HDMI 2 input.	
		HDMI 3 (eARC/ARC)	HDMI 3 (eARC/ARC) / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 3 (eARC/ARC)	Allow	Display settings for HDMI 3 (eARC/ARC) input.	
		HDMI 4	HDMI 4 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 4	Allow	Display settings for HDMI 4 input.	
		AV	AV / Blu-ray / Cable / DVD / Game console / Aux / Custom name	AV	Allow	Display settings for AV input.	
	BRAVIA Sync settings	BRAVIA Sync control	On / Off	On	Allow	BRAVIA Sync device control. When set to [On], linking with connected devices is enabled.	
		Auto devices off	On / Off	On	Allow	When the monitor power is turned off, HDMI-connected devices also turn off.	
		Auto TV on	On / Off	On	Allow	When an HDMI-connected device is operated, the monitor power turns [On].	
		BRAVIA Sync device list	—	—	Allow	List display of connected BRAVIA Sync devices.	
	HDMI signal format	HDMI 1	Standard format / Enhanced format	Standard format	Allow	Switch the supported signal format for HDMI 1 input.	
		HDMI 2	Standard format / Enhanced format	Standard format	Allow	Switch the supported signal format for HDMI 2 input.	
		HDMI 3 (eARC/ARC)	Standard format / Enhanced format / Enhanced format (Dolby Vision) / Enhanced format (VRR)	Standard format	Allow	Switch the supported signal format for HDMI 3 (eARC/ARC) input.	
		HDMI 4	Standard format / Enhanced format / Enhanced format (Dolby Vision) / Enhanced format (VRR)	Standard format	Allow	Switch the supported signal format for HDMI 4 input.	
	HDMI 4 audio source		Auto / HDMI 4 / HDMI 4 AUDIO IN	Auto	—	Select the audio input terminal when video signal is input to HDMI 4 terminal.	
Display & Sound	Picture *Settings for each input	Picture mode	Vivid / Standard / Cinema / Game / Graphics / Photo / Custom	Standard	Allow	Picture quality presets according to usage.	
		Reset picture settings	Button only (Reset)	—	—	Reset the current mode to the factory default [Custom].	
		Auto picture mode	On / Off	On	Allow	Automatically switches picture mode according to the content of HDMI-connected devices.	
		Light sensor	On / Off	On	Allow	Automatically adjusts screen brightness according to the surrounding brightness.	
		Brightness	Brightness	Min~Max (0~50)	35	Allow	Adjusts panel brightness.
			Contrast	Min~Max (0~100)	90	Allow	Adjusts brightness and darkness by changing the signal range.
			Gamma	Min~Max (-3~3)	0	Allow	Adjusts the brightness balance of mid-tones.
			Black level	Min~Max (0~100)	50	Allow	Adjusts brightness of dark areas.
			Black adjust	High / Medium / Low / Off	Medium	Allow	Emphasizes black and automatically adjusts brightness of dark areas.
			Adv.contrast enhancer	High / Medium / Low / Off	Medium	Allow	Automatically corrects contrast.
			Color	Min~Max (0~100)	60	Allow	Adjusts saturation.
		Hue	Hue	R50~G50	0	Allow	Shifts color tone toward red/green direction.
			Color temperature	Cool / Neutral / Warm / Expert 1 / Expert 2	Medium	Allow	Adjusts color temperature.
			Live Color	High / Medium / Low / Off	Medium	Allow	Corrects color vividness for each color.
		Auto local dimming	High / Medium / Low / Off	Medium	—	—	
		Peak luminance	High / Medium / Low / Off	Medium	—	—	
		Clarity	Sharpness	Min~Max (0~100)	60	Allow	Analyzes image brightness and adjusts brightness of each backlight section. Enhances contrast.
			Reality Creation	Auto / Manual / Off	Auto	Allow	Analyzes brightness in real time, makes bright areas brighter, and enhances contrast especially in dark scenes.
			Random noise reduction	Auto / High / Medium / Low / Off	Auto	Allow	Enhances edges and details.
			Digital noise reduction	Auto / High / Medium / Low / Off	Auto	Allow	Reduces dot noise and color noise in dark areas.
		Motion	Motionflow	Auto / Custom / Off	Auto	Allow	Reduces compression noise and other artifacts.
			CineMotion	Smoothness : Min~Max (0~3) Clearness : Min~Max (0~3)	High	Allow	Adjusts smoothness using frame interpolation. Smoothness and clarity can only be set in Custom mode.
		Video signal	HDR mode	High / Low / Off	High	Allow	Optimal conversion processing for film content.
			HDR mode	Auto / HDR10 / HLG / Off	Auto	Allow	Sets the HDR format of the input signal.
			HDMI video range	Auto / Full / Limited	Auto	Allow	Sets the HDMI video range.
		Adv.color adjustment	Color space	Auto / sRGB/BT.709 / DCI / BT.2020	Auto	Allow	Sets the color space.
			Adv.color temperature : Basic	RGB-Gain -40~0 RGB-Bias -20~20 Reset	RGB Gain:MAX RGB Bias: 0	Allow	Sets color temperature for each RGB.
			Adv.color temperature : Multi point (10p)	Colour gamma adjustment points 1~10 RGB-Offset -20~20 Reset	Gamma adjustment point 1 RGB Offset 0	Allow	Sets color temperature for each RGB.
			Screen	Auto / Wide zoom / Normal / Full / Zoom	Auto	Allow	Switches to the appropriate aspect ratio.
		4:3 default *Settings for each input	Wide mode	Auto / Wide zoom / Normal / Full / Zoom	Auto	Allow	Switches to the appropriate aspect ratio.
			Auto display area	Wide zoom / Normal	Wide zoom	Allow	Switches to the appropriate aspect ratio.
			Display area	On / Off	Off	Allow	Screen orientation settings.
	Screen position		+1 / Normal / -1	+1	Allow	Screen orientation settings.	
	Screen position		Vertical / Horizontal	—	Allow	Screen orientation settings.	
	Vertical size		Min~Max (-2~8)	—	Allow	Adjusts the vertical size of the screen.	
	Sound *Settings for each input	Sound customization	Surround	Auto / On / Off	Auto	Allow	Virtually reproduces 5.1ch surround audio content with immersive sound.
			Surround effect	Min~Max (0~12)	6	Allow	Adjusts the surround effect.
			Equalizer	Min~Max (-12~12) Frequency: 125Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz	All 0	Allow	Adjusts sound quality for each frequency band.
		Volume level	Dialogue enhancer	Min~Max (0~6)	Min	—	Adjusts so that human voices can be heard clearly.
			Volume offset	Auto / On / Off	Auto	—	Adjusts when volume differences are noticeable when switching broadcasts or inputs.
		Dolby Dynamic Range	Min~Max (0~12)	6	—	Compensates for volume level differences between input signals. (Only for Dolby Digital audio).	
		Advanced auto volume	Auto / Off	All 0	Allow	Automatic volume adjustment.	
		Balance	L15-R15	0	Allow	Adjust the left/right speaker balance.	
		Display position	Table-Top / Stand	Table-Top	Allow	Select monitor position.	
		Reset	—	—	—	Resets sound quality settings to factory default.	
	Audio output	Speakers	Built-in speakers / Audio system	Built-in speakers	Allow	Audio output destination settings.	
		Audio system prioritization	On / Off	On	Allow	When set to [On], automatically switches audio output to BRAVIA Sync compatible audio system when the monitor starts up.	
Home theater control		Setting	—	—	—	Configures sound quality settings for the connected audio system.	
		S. Field	—	—	—	Configures sound settings for the connected audio system.	
		Inputs	—	—	—	Switches the input of the connected audio system.	
Standby		—	—	—	Sets the power off for the connected audio system.		
eARC mode		Auto / On / Off	Auto	Allow	[Auto] outputs audio when an eARC compatible device is connected to HDMI 3 (eARC/ARC) terminal.		
Digital audio out		Auto 1 / Auto 2 / PCM	PCM	Allow	Sets the audio format output to an audio system connected via HDMI cable or optical digital cable.		
Digital audio out volume		Min~Max (0~100)	Max	Allow	—		
Dolby Digital Plus output		Dolby Digital Plus / Dolby Digital	Dolby Digital Plus	Allow	When using an audio system that supports ARC and Dolby Digital Plus, sets the Dolby Digital Plus output format.		
Pass through mode	Auto / Off	Off	Allow	Outputs audio signal to the audio system without decoding.			
Network & Internet	Wi-Fi	On / Off	Off	Allow	Enable Wi-Fi.		
	AVAILABLE NETWORKS	Available network list	—	—	Check the list of available networks.		
	Add new network	—	—	—	Manually add a network.		
	Scanning always available	On / Off	On	—	Scan for networks using Google location services and other apps even when Wi-Fi is OFF.		
	Not connected	Not connected / Connected	Status display	—	Display LAN connection status.		
	Proxy settings	None / Manual	None	Allow	Proxy settings.		
	IP settings	DHCP / Static	—	Allow	DHCP settings.		
	Network status	List display	—	—	Check network connection status.		
	Remote start	Wi-Fi Direct	Off / On (Networked standby) / On (Powered on by apps)	Off	Allow	Configure power control from external devices.	
	Remote device settings	Control remotely	On / Off	On	—	Enter the SSID and password on the device to be registered to connect.	
		Deregister remote device	List display	—	—	Unregister.	
	Local network	Server diagnostics	Server diagnostics	—	—	Check server diagnostics.	
		Renderer	Renderer	On / Off	Off	Allow	Enable renderer function.
			Renderer access control	Auto access permission On / Off advanced settings	On	Allow	Set whether to automatically allow connections from new devices.
		IP control	Authentication	Nomal / Nomal and Pre-Shared Key	Normal	Allow	Authentication method settings.
			Pre-Shared Key	Text entry	—	Allow	Pre-Shared Key settings.
			Simple IP control	On / Off	Off	Allow	Enable Simple IP control.
		Control4®	On / Off	Off	Allow	Enable Control4®.	
	Accounts & sign-in	Choose account type	Google / Sony	—	—	—	
		Location	Location status	Use Wi-Fi to estimate location / Off	Use Wi-Fi to estimate location	—	Check Google location services status.
Scanning always available			On / Off	On	Allow	Set whether to always scan for location.	
Usage & diagnostics		Usage	On / Off	On	—	Allow usage access.	
		Diagnosics	—	—	—	—	
Ads		Reset advertising ID	—	—	—	Reset advertising ID.	
		Delete advertising ID	—	—	—	Delete advertising ID.	
		This device's advertising ID	ID display	—	—	Check advertising ID.	
Google Assistant		Accounts	—	—	—	Display Google Assistant account.	
		View permissions	—	—	—	Display Google Assistant permissions.	
	Searchable apps	—	—	—	Select apps for Google Assistant to search.		
	SafeSearch filter	On / Off	Off	—	Display license.		
Open source licenses	List display	—	—	—			
App setting	App permissions	Files and media	Allowed Google Play Store   Not allowed —   Show system apps	—	—	Allow Google Play Store operation in "Pro Mode" environment.	
		Microphone	Allowed Speech Services by Google   Not allowed —   Show system apps	—	—	Allow Google Voice Service operation in "Pro Mode" environment.	
		Other permissions	Contacts   Calendar   SMS   Location   Nearby devices   Call logs   System information   Physical activity   Camera	Select to allow or deny each app	—	—	Select apps to allow from the list.
	Special app access	Energy optimization	Select permitted apps from the list.	—	—	Optimizes power consumption of the specified app.	
		Usage access	Select permitted apps from the list.	—	—	The specified app will be able to track information such as usage status and frequency of other apps, mobile carrier, language settings, etc.	

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Notification access	Select permitted apps from the list.	—	—	The specified app will be able to read all notifications. Notifications may include personal information such as contact names and the content of received messages.
All files access	Select permitted apps from the list.	—	—	Select apps to allow from the list.
Display over other apps	Select permitted apps from the list.	—	—	Select permitted apps from the list.
Modify system settings	Select permitted apps from the list.	—	—	Settings to allow the specified app to modify system settings.
Picture-in-picture	Select permitted apps from the list.	—	—	Allows the specified app to display a picture-in-picture window while the app is open or after leaving the app, for purposes such as continuing video playback.
Alarms & reminders	Select permitted apps from the list.	—	—	Allow installation from the unknown apps list.
Turn screen on	Select permitted apps from the list.	—	—	—
Security & Restrictions	Unknown apps	Allow installation from unknown apps list.	—	Allow installation of apps from sources other than the Play Store.
Apps	Same settings as App permissions, Special app access, and See all apps in Privacy. Can also be configured from here.			

System	Accessibility	Subtitle settings	Streaming & other content	—	—	Enable subtitles.			
		High-contrast text	On / Off	Off	—	—			
		Text to speech	Speech Services by Google	On	On	—	Enable Google Voice Service.		
			Engine configuration	Select language   Detailed settings for Google Voice Service (speech volume, language detection, etc.)   Install voice data	—	—	Detailed settings for text-to-speech method.		
			Speech rate	Very slow / Slow / Normal / Fast / Faster / Very fast / Rapid / Very rapid / Fastest	Normal	—	Set text-to-speech speed.		
			Listen to an example	—	—	Allow	Play sample.		
			Default language status	—	—	—	Display default.		
		Accessibility shortcut	Enable accessibility shortcut	On / Off	On	—	When the shortcut is on, press and hold the mute button for 3 seconds to launch accessibility features.		
			Shortcut service	TalkBack / Switch Access / Text magnification / Screen reader	TalkBack	—	Select accessibility features to enable shortcuts for.		
		TalkBack	Enable	On / Off	Off	—	Enable TalkBack.		
			Configuration	Speech volume   Verbosity   Sound   Customize focus   Help   Advanced settings   Open TalkBack at the Play Store	—	—	Detailed settings for TalkBack.		
		Switch Access	Enable	On / Off	Off	—	Enable Switch Access.		
			Configuration	Help   Open setup guide   Assign switches for scanning   Assign switches to global actions   Assign switches to shortcuts   Enable Menu Customization   Revert to Default Menu   Auto-scan   Scanning method   Point scan   Automatically start scanning   Auto-select   Scanning highlight style   Speech, sound & vibration   Ignore repeated presses   Release to perform action   Privacy policy   Developer settings	—	—	Detailed settings for Switch Access.		
		Text magnification	Enable	On / Off	Off	—	Enable text magnification.		
			Configuration	Color   Duration	—	—	Detailed settings for text display.		
		Screen reader (limited support)	Enable	On / Off	Off	Allow	Enable voice readout (limited function version).		
			Configuration	—	—	Allow	Detailed settings for voice readout.		
		About	System software update	Software update	Search and update the version	—	—	Check the monitor's software version & update.	
				Automatically check for update	On / Off	Off	—	Enable automatic software update.	
			Device name	—	—	—	—		
			Factory data reset	Erase data from internal shared storage	Erase everything / Cancel	—	—	Factory data reset.	
			Status	—	IP address   MAC address   Bluetooth address   Serial number   Uptime	—	—	Check current status.	
			Legal information	—	Third Party Source   Google legal   System WebView licenses   Consumer Information   Sony legal   End user license agreement	—	—	Check legal information from the list.	
			Model	—	Display monitor model name	—	—	Display monitor model name.	
			Android TV OS version	—	Display Android TV OS version	—	—	Display Android TV OS version.	
			Android TV OS security patch level	—	Display Android TV OS security patch level	—	—	Display Android TV OS security patch level.	
			Kernel version	—	Display kernel version	—	—	Display kernel version.	
		Date & Time	Automatic date & time	On / Off	On	—	Enable automatic date and time setting.		
			Set date	—	—	—	—		
			Set time	—	—	—	—		
			Set time zone	—	Select time zone (area)	—	—	Select time zone (area).	
			Use 24-hour format	On / Off	On	—	—	Enable 24-hour format.	
		Language	Auto clock display	On (always) / On (every hour) / Off	Off	—	Enable automatic clock display.		
			—	—	Select language	—	—	Select GUI language.	
		Keyboard	Current keyboard	—	Gboard	—	—	Enable Gboard.	
			Gboard Settings	—	Current version   Languages   Terms of service   Privacy policy   Open source licenses   Share usage statistics	—	—	Detailed settings for Gboard.	
			Physical keyboard	—	Available when a physical keyboard is connected	—	—	Enable physical keyboard.	
		Storage	Manage keyboards	—	Select from available virtual keyboard list	—	—	Enable virtual keyboard.	
			Internal shared storage (except for system area)	—	Display internal storage capacity	—	—	Display internal storage capacity. When devices such as USB drives are connected, their capacity can also be checked.	
		Home screen	Customize channels	Play Next	On / Off	On	—	Enable "Next recommendations" display.	
			Home screen channels	—	—	—	—	Select channels to display on the home screen.	
			Enable video previews	On / Off	On	—	—	—	
			Enable audio previews	On / Off	On	—	—	—	
			Reorder apps	—	—	—	—	Select an app and press [OK], then use the directional buttons to move the selected app's position, and press [OK] again to place it in the specified location.	
		Reorder games	—	—	—	—	—	Select an app and press [OK], then use the directional buttons to move the selected app's position, and press [OK] again to place it in the specified location.	
			—	—	—	—	—	—	
		Android TV Home	—	—	Display license	—	—	—	
			—	—	Display license	—	—	—	
		Screen saver	Screen saver	—	Sleep / Backdrop / Colors / Living Décor	Backdrop	Allow	—	
			When to start	—	5 minutes / 10 minutes / 15 minutes / 30 minutes / 1 hour / 2 hours	15 minutes	—	—	
			Start now	—	—	—	Allow	—	
		Power & Energy	Energy saver	Turn off display after	15 minutes / 30 minutes / 1 hour / 2 hours / 4 hours / 8 hours / 12 hours / 24 hours / Never	4 hours	Allow	—	
				Allow the display to turn off while watching	On / Off	On	—	—	
				Auto power saving mode	On / Off	Off	—	—	
			Eco Dashboard	Power saving	Off / Low / High	Off	—	—	Power saving effect: Low   Start power saving after
				No signal power off	On / Off	On	—	—	—
				Easy Eco setup	—	Power saving → Light sensor → Idle display power off → No signal power off	—	—	—
				Power saving	High / Low / Off	Off	—	—	—
				Light sensor	On / Off	On	Allow	—	—
				Idle display power off	—	15 minutes / 30 minutes / 1 hour / 2 hours / 4 hours / 8 hours / 12 hours / 24 hours / Never	4 hours	Allow	—
				No signal power off	On / Never	On	—	—	—
		Power saving tips	—	Introduction tips	—	—	—		
		Cast	—	Always / While casting / Never	While casting	—	—	—	
		Sound	System sounds	—	On / Off	On	—	—	
			Channels & External input	Restrict watching	Security code entry settings: On/Off	Off	—	Security code entry settings	
		Parental controls	External input block	Restrict watching	Security code entry settings: On/Off	Off	—	Security code entry settings	
				Restrict apps	Security PIN code entry settings: On/Off	Off	—	Security code entry settings	
			Screen time	All apps	Select apps to restrict from the list	—	—	—	
				Restrict screen time	Security PIN code entry settings: On/Off	Off	—	Security code entry settings	
				Usage time limit	1 hour / 2 hours / 3 hours / Custom	—	Allow	—	
			Restricted time slot	Time settings	—	—	Allow	—	
			Repeat	Select by day of the week	Every day	—	Allow	—	
			Change PIN	—	—	—	—	—	
			LED indicator	Operational response	On / Off	On	—	—	
			Apple AirPlay & HomeKit	AirPlay	—	On / Off	On	—	—
		Require Code		—	First Time Only / Every Time / Use Password Instead	First Time Only	—	—	
		Subtitles and Captioning	Closed Captions and SHD	TEXT > Font > Font	San Francisco / Helvetica / Cinecav X / Menlo / Lucida Grande / Avenir / COPPERPLATE / Savoye	San Francisco	—	—	
				TEXT > Font > Video Override	On / Off	On	—	—	
				TEXT > Size > Size	Small / Medium / Large / Extra Large	Medium	—	—	
				TEXT > Size > Video Override	On / Off	On	—	—	
				TEXT > Font Colour > Font Colour	White / Cyan / Blue / Green / Yellow / Magenta / Red / Black	White	—	—	
				TEXT > Font Colour > Video Override	On / Off	On	—	—	
				Background colour > Font Colour	White / Cyan / Blue / Green / Yellow / Magenta / Red / Black	Black	—	—	
				Background colour > Video Override	On / Off	On	—	—	
				OPACITY > OPACITY	0% / 25% / 50% / 75% / 100%	50%	—	—	
				OPACITY > Video Override	On / Off	On	—	—	
				Text Opacity > Text Opacity	Opaque / Semi-Transparent / Transparent	Opaque	—	—	
				Text Opacity > Video Override	On / Off	On	—	—	
				Text Edge Style > Text Edge Style	None / Drop Shadow / Raised / Depressed / Uniform	None	—	—	
				Text Edge Style > Video Override	On / Off	On	—	—	
				Text Highlight > Text Highlight	Black / White / Blue / Red / Green / Cyan / Yellow / Magenta	Black	—	—	
				Text Highlight > Video Override	On / Off	On	—	—	
				OPACITY > OPACITY	0% / 25% / 50% / 75% / 100%	0%	—	—	
				OPACITY > Video Override	On / Off	On	—	—	
			Apple AirPlay and HomeKit settings	AirPlay Logging	—	—	—	—	—
				Analytics	—	—	—	—	—
		—	Acknowledgements	—	—	—	—	—	
		—	AirPlay Version	—	—	—	—	—	
		—	App Version	—	—	—	—	—	
		—	App Engine	—	—	—	—	—	
—	Streaming Engine	—	—	—	—	—			
Reset	—	—	—	—	—	—			
HomeKit	Set Up	—	—	—	—	—			
Initial setup	—	—	—	—	—	—			
Restart	—	—	—	—	Allow	—			

Remotes & Accessories	Bluetooth	Bluetooth	On / Off	On	Allow	—	
		Registered devices	Bluetooth devices / Add devices	—	—	Allow	—
	Remote control	Connect via Bluetooth	—	—	—	—	—
		Software update	—	—	—	—	—
RS232C control	—	Off / Via HDMI port / Via serial port	—	—	Allow	—	

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External inputs	Manage inputs	HDMI 1	HDMI 1 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 1	Allow	Display settings for HDMI 1 input.						
		HDMI 2	HDMI 2 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 2	Allow	Display settings for HDMI 2 input.						
		HDMI 3 (eARC/ARC)	HDMI 3 (eARC/ARC) / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 3 (eARC/ARC)	Allow	Display settings for HDMI 3 (eARC/ARC) input.						
		HDMI 4	HDMI 4 / Blu-ray / Cable / DVD / Game console / Aux / Custom name	HDMI 4	Allow	Display settings for HDMI 4 input.						
		AV	AV / Blu-ray / Cable / DVD / Game console / Aux / Custom name	AV	Allow	Display settings for AV input.						
	BRAVIA Sync settings	BRAVIA Sync control		On / Off	On	Allow	BRAVIA Sync device control. When set to [On], linking with connected devices is enabled.					
		Auto devices off		On / Off	On	Allow	When the monitor power is turned off, HDMI-connected devices also turn off.					
		Auto TV on		On / Off	On	Allow	When an HDMI-connected device is operated, the monitor power turns [On].					
		BRAVIA Sync device list		—	—	Allow	List display of connected BRAVIA Sync devices.					
		Device control keys		None / Normal / Tuning keys	Normal	Allow	Settings for remote control buttons used to operate BRAVIA Sync devices.					
	HDMI signal format	HDMI 1		Standard format / Enhanced format	Standard format	Allow	Switch the supported signal format for HDMI 1 input.					
		HDMI 2		Standard format / Enhanced format	Standard format	Allow	Switch the supported signal format for HDMI 2 input.					
		HDMI 3 (eARC/ARC)		Standard format / Enhanced format / Enhanced format (Dolby Vision) / Enhanced format (VRR)	Standard format	Allow	Switch the supported signal format for HDMI 3 (eARC/ARC) input.					
		HDMI 4		Standard format / Enhanced format / Enhanced format (Dolby Vision) / Enhanced format (VRR)	Standard format	Allow	Switch the supported signal format for HDMI 4 input.					
	HDMI 4 audio source			Auto / HDMI 4 / HDMI 4 AUDIO IN	Auto	—	Select the audio input terminal when video signal is input to HDMI 4 terminal.					
Display & Sound	Picture	Picture mode	Vivid / Standard / Cinema / Game / Graphics / Photo / Custom	Standard	Allow	Picture quality presets according to usage.						
		Reset picture settings		Button only (Reset)	—	—	Reset the current mode to the factory default [Custom].					
	*Settings for each input		Auto picture mode		On / Off	On	Allow	Automatically switches picture mode according to the content of HDMI-connected devices.				
			Light sensor		On / Off	On	Allow	Automatically adjusts screen brightness according to the surrounding brightness.				
	Brightness	Brightness	Brightness		Min~Max (0~50)	35	Allow	Adjusts panel brightness.				
			Contrast		Min~Max (0~100)	90	Allow	Adjusts brightness and darkness by changing the signal range.				
			Gamma		Min~Max (-3~3)	0	Allow	Adjusts the brightness balance of mid-tones.				
			Black level		Min~Max (0~100)	50	Allow	Adjusts brightness of dark areas.				
			Black adjust		High / Medium / Low / Off	Medium	Allow	Emphasizes black and automatically adjusts brightness of dark areas.				
			Auto contrast adjustment		High / Medium / Low / Off	Medium	Allow	Automatically corrects contrast.				
			Local dimming		High / Medium / Low / Off	Medium	Allow	Automatically corrects contrast.				
			X-tended Dynamic Range		High / Medium / Low / Off	Off	Allow	Automatically corrects contrast.				
			Color		Min~Max (0~100)	50	Allow	Adjusts saturation.				
			Hue		R50~G50	0	Allow	Shifts color tone toward red/green direction.				
	Color temperature		Cool / Neutral / Warm / Expert 1 / Expert 2	Expert 1	Allow	Adjusts color temperature.						
		Live Color		High / Medium / Low / Off	Off	Allow	Corrects color vividness for each color.					
			Auto local dimming		High / Medium / Low / Off	Medium	—	Analyzes image brightness and adjusts brightness of each backlight section. Enhances contrast.				
			Peak luminance		High / Medium / Low / Off	Medium	—	Analyzes brightness in real time, makes bright areas brighter, and enhances contrast especially in dark scenes.				
	Clarity	Sharpness	Sharpness		Min~Max (0~100)	50	Allow	Enhances edges and details.				
			Reality Creation		Auto / Manual / Off	Manual	Allow	Improves clarity through super resolution processing and noise reduction.				
			Resolution: Min~Max (0~100)		Resolution: 65	—	—	—				
			Random noise reduction		Auto / High / Medium / Low / Off	Auto	Allow	Reduces dot noise and color noise in dark areas.				
			Digital noise reduction		Auto / High / Medium / Low / Off	Auto	Allow	Reduces compression noise and other artifacts.				
	Motion	Motionflow	Smoothness: Min~Max (0~3)		Smoothness: 2	Allow	Adjusts smoothness using frame interpolation. Smoothness and clarity can only be set in Custom mode.					
			Clearness: Min~Max (0~3)		Clearness: 1	—	—					
	Video signal	HDMI mode	HDR mode		Auto / HDR10 / HLG / Off	Auto	Allow	Sets the HDR format of the input signal.				
			HDMI video range		Auto / Full / Limited	Auto	Allow	Sets the HDMI video range.				
			Color space		Auto / sRGB/BT.709 / DCI / BT.2020	Auto	Allow	Sets the color space.				
	Adv.color adjustment	Adv.color temperature : Basic	RGB-Gain -40~0		RGB-Gain: MAX	Allow	Sets color temperature for each RGB.					
			RGB-Bias -20~20		RGB-Bias: 0	—	—					
		Adv.color temperature : Multi point (10p)	Colour gamma adjustment points 1~10		Colour gamma: 1	Allow	Sets color temperature for each RGB.					
			RGB-Offset -20~20		RGB-Offset: 0	—	—					
	Screen	*Settings for each input	Wide mode		Auto / Wide zoom / Normal / Full / Zoom	Auto	Allow	Switches to the appropriate aspect ratio.				
			4:3 default		Wide zoom / Normal	Wide zoom	Allow	Switches to the appropriate aspect ratio.				
			Auto display area		On / Off	Off	Allow	Screen orientation settings.				
			Display area		+1 / Normal / -1	+1	Allow	Screen orientation settings.				
			Screen position		Vertical / Horizontal	—	Allow	Screen orientation settings.				
			Vertical size		—	0	Allow	Adjusts the vertical size of the screen.				
			—		—	—	—	—				
	Sound	*Settings for each input	Sound customization	Surround	Surround		Auto / On / Off	Auto	Allow	Virtually reproduces 5.1ch surround audio content with immersive sound.		
					Surround effect		Min~Max (0~12)	6	Allow	Adjusts the surround effect.		
					Equalizer		Min~Max (-12~12)	—	—	—		
			Dialogue enhancer		Frequency: 125Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz		All 0	Allow	Adjusts sound quality for each frequency band.			
				Min~Max (0~6)		Min	—	—	Adjusts so that human voices can be heard clearly.			
			Volume level	*Settings for each input	Volume offset	Dolby Dynamic Range	Auto / On / Off		Auto / On / Off	0	—	Adjusts when volume differences are noticeable when switching broadcasts or inputs.
							Standaed / Compress		Standard	—	—	Compensates for volume level differences between input signals. (Only for Dolby Digital audio)
							On / Off		Off	Allow	Automatic volume adjustment.	
							L15-R15		0	Allow	Adjust the left/right speaker balance.	
			Display position		Table-Top / Stand		Table-Top	Allow	Select monitor position.			
	Reset			—	—	—	Resets sound quality settings to factory default.					
	Audio output	*Settings for each input	Speakers	Audio system prioritization	Built-in speakers / Audio system		Built-in speakers	Allow	Audio output destination settings.			
					On / Off		Off	Allow	When set to [On], automatically switches audio output to BRAVIA Sync compatible audio system when the monitor starts up.			
			Home theater control	*Settings for each input	S.Field	Inputs	Setting		—	—	Configures sound quality settings for the connected audio system.	
							—		—	—	Configures sound settings for the connected audio system.	
							—		—	—	Switches the input of the connected audio system.	
A/V sync			Standby	—	—	—		—	—	Sets the power off for the connected audio system.		
						Auto / On / Off		Auto	Allow	—		
eARC mode			—	—	—	Auto / Off		Off	Allow	[Auto] outputs audio when an eARC compatible device is connected to HDMI 3 (eARC/ARC) terminal.		
						Auto 1 / Auto 2 / PCM		PCM	Allow	Sets the audio format output to an audio system connected via HDMI cable or optical digital cable.		
Digital audio out volume			—	—	—	Min~Max (0~100)		Max	Allow	—		
	Dolby Digital Plus output					Dolby Digital Plus / Dolby Digital	Dolby Digital Plus	Allow	When using an audio system that supports ARC and Dolby Digital Plus, sets the Dolby Digital Plus output format.			
Pass through mode	—	—	—	Auto / Off		Off	Allow	Outputs audio signal to the audio system without decoding.				
				—		—	—	—				
Network & Internet	*Settings for each input	Wi-Fi		On / Off	Off	Allow	Enable Wi-Fi.					
		AVAILABLE NETWORKS		Available network list	—	—	Check the list of available networks.					
		Other Options > Add new network		—	—	—	Manually add a network.					
		Scanning always available		On / Off	On	—	Scan for networks using Google location services and other apps even when Wi-Fi is OFF.					
		Ethernet > Not connected		Not connected / Connected	Status display	—	Display LAN connection status.					
		Proxy settings		None / Manual	None	Allow	—					
		IP settings		DHCP / Static	—	Allow	—					
		Network status		List display	—	—	—					
		Wi-Fi Direct	Wi-Fi Direct settings	Off / On (Networked standby) / On (Powered on by apps)		Off	—	—	Configure power control from external devices.			
				Show device list/Delete		—	—	—				
		Remote device settings	Control remotely	On / Off		Display SSID and password (WPA key)	—	—	Enter the SSID and password on the device to be registered to connect.			
				List display		—	—	—				
		Local network	Server diagnostics	Renderer	Renderer access control	Server diagnostics		—	—	Check server diagnostics.		
						On / Off		Off	Allow	Enable renderer function.		
						Auto access permission On / Off advanced settings		Off	Allow	Set whether to automatically allow connections from new devices.		
						On / Off / Custom settings		No advanced settings	—	—		
						IP control		Normal / Normal and Pre-Shared Key	Normal	Allow	Authentication method settings.	
						Pre-Shared Key		Text entry	—	Allow	Pre-Shared Key settings.	
						Simple IP control		On / Off	On	—	Enable Simple IP control.	
		Control4®		On / Off	On	—	Enable Control4®.					
		Accounts & sign-in	Choose account type		Google / Sony	—	—	—				

Privacy	Location	Location status	Use Wi-Fi to estimate location / Off	OFF	—	Check Google location services status.	
		Scanning always available	On / Off	Off	Allow	Set whether to always scan for location.	
	Usage & diagnostics		On / Off	OFF	—	Allow usage access.	
	Ads	Reset advertising ID		—	—	Reset advertising ID.	
		Delete advertising ID		—	—	Delete advertising ID.	
		This device's advertising ID	ID display	—	—	Check advertising ID.	
	Google Assistant	Accounts		—	—	Display Google Assistant permissions.	
		View permissions		Off	—	—	
	App settings	Searchable apps		Off	—	—	
		SafeSearch filter	On / Off	—	—	—	
		Open source licenses	List display	—	—	—	
		App permissions	Allowed Google Play Store   Not allowed —   Show system apps	—	—	Allow Google Play Store operation in "Pro Mode" environment.	
		Special app access	Energy optimization	Select permitted apps from the list.	—	—	Optimizes power consumption of the specified app.
			Usage access	Select permitted apps from the list.	—	—	The specified app will be able to track information such as usage status and frequency of other apps, mobile carrier, language settings, etc.
			Notification access	Select permitted apps from the list.	—	—	The specified app will be able to read all notifications. Notifications may include personal information such as contact names and the content of received messages.
			Display over other apps	Select permitted apps from the list.	—	—	Select permitted apps from the list.
			Modify system settings	Select permitted apps from the list.	—	—	Settings to allow the specified app to modify system settings.
		Picture-in-picture	Picture-in-picture	Select permitted apps from the list.	—	—	Allows the specified app to display a picture-in-picture window while the app is open or after leaving the app, for purposes such as continuing video playback.
	Turn screen on		Select permitted apps from the list.	—	—	Select permitted apps from the list.	
	Security & Restrictions	Unknown apps	Allow installation from unknown apps list.	—	—	Allow installation of apps from sources other than the Play Store.	
	Apps	Same settings as App permissions, Special app access, and See all apps in Privacy. Can also be configured from here.					
	System	Accessibility	Subtitle settings		—	—	Enable subtitles.
High contrast text (Experimental)			On / Off	Off	—	—	
Text to speech			Speech Services by Google	On	—	—	Enable Google Voice Service.
			Engine configuration	Select language   Detailed settings for Google Voice Service (speech volume, language detection, etc.)   Install voice data	—	—	Detailed settings for text-to-speech method.
			Speech rate	Very slow / Slow / Normal / Fast / Faster / Very fast / Rapid / Very rapid / Fastest	Normal	—	Set text-to-speech speed.
			Listen to an example		—	—	Play sample.
			Default language status		—	—	Display default.
Accessibility shortcut			Enable accessibility shortcut	On / Off	On	Allow	When the shortcut is on, press and hold the mute button for 3 seconds to launch accessibility features.
			Shortcut service	TalkBack / Switch Access / Text magnification / Screen reader (limited support)	TalkBack	—	Select accessibility features to enable shortcuts for.
Talk Back			Enable	On / Off	Off	—	Enable TalkBack.
			Configuration	Speech volume   Verbosity   Sound   Customize focus   Help   Advanced settings   Open TalkBack at the Play Store	—	—	Detailed settings for TalkBack.
Switch Access			Enable	On / Off	Off	—	Enable Switch Access.
			Configuration	Help   Open setup guide   Assign switches for scanning   Assign switches to global actions   Assign switches to shortcuts   Enable Menu Customization   Revert to Default Menu   Auto-scan   Scanning method   Point scan   Automatically start scanning   Auto-select   Scanning highlight style   Speech, sound & vibration   Ignore repeated presses   Release to perform action   Privacy policy   Developer	—	—	Detailed settings for Switch Access.
Text magnification			Enable	On / Off	Off	—	Enable text magnification.
			Configuration	Color   Duration	—	—	Detailed settings for text display.
Screen reader			Enable	On / Off	Off	Allow	Enable voice readout (limited function version).
		Configuration		—	Allow	Detailed settings for voice readout (limited function version).	
About		System software update	Software update	Search and update the version	—	—	Check the monitor's software version & update.
			Automatically check for update	On / Off	Off	—	Enable automatic software update.
		Device name			—	—	—
		Factory data reset	Erase data from internal shared storage	Erase everything / Cancel	—	—	—
		Status		Check current status	—	Allow	Check current status.
		Legal information		Third Party Source   Google legal   System WebView licenses   Consumer Information   Sony legal   End user license agreement	—	—	Check legal information from the list.
		Model		Display monitor model name	—	—	Display monitor model name.
		Android TV OS version		Display Android TV OS security patch level	—	—	Display Android TV OS security patch level.
		Kernel version		Display kernel version	—	—	Display kernel version.
		Automatic date & time		On / Off	—	—	Enable automatic date and time setting.
Date & Time		Automatic date & time	On / Off	On	—	Enable automatic date and time setting.	
		Set date		—	—	—	
		Set time		—	—	—	
		Set time zone	Select time zone (area)	—	—	Select time zone (area).	
Language		Use 24-hour format	On / Off	On	—	Enable 24-hour format.	
		Auto clock display	On (always) / On (every hour) / Off	Off	—	Enable automatic clock display.	
Keyboard		Current keyboard		Select language	—	—	Select GUI language.
		Gboard Settings	Gboard Settings	Current version   Languages   Terms of service   Privacy policy   Open source licenses   Share usage statistics	—	—	Detailed settings for Gboard.
			Physical keyboard	Manage keyboards	Available when a physical keyboard is connected   Select from available virtual keyboard list	—	—
		Storage	Internal shared storage (except for system area)	Display internal storage capacity	—	—	Display internal storage capacity. When devices such as USB drives are connected, their capacity can also be checked.
Delete demo content			REMOVABLE STORAGE	—	—	Delete retail demo content to increase available memory.	
Home screen		Customize channels	Play Next	On / Off	On	—	Enable "Next recommendations" display.
		Enable video previews		On / Off	On	—	—
		Enable audio previews		On / Off	On	—	—
		Reorder apps		On / Off	On	—	Select an app and press [OK], then use the directional buttons to move the selected app's position, and press [OK] again to place it in the specified location.
		Reorder games		—	—	—	Select an app and press [OK], then use the directional buttons to move the selected app's position, and press [OK] again to place it in the specified location.
Screen saver		Android TV Home		—	—	—	
		Android TV Core Services	Display license	—	—	—	
		Screen saver	Sleep / Backdrop / Colors / Living Décor	Backdrop	—	—	—
Power & Energy		Energy saver	When to start	5 minutes / 10 minutes / 15 minutes / 30 minutes / 1 hour / 2 hours	15 minutes	—	—
			Start now		—	—	—
			Turn off display after	15 minutes / 30 minutes / 1 hour / 2 hours / 4 hours / 8 hours / 12 hours / 24 hours / Never	4 hours	Allow	—
			Allow the display to turn off while watching	On / Off	On	Allow	—
			Auto power saving mode	On / Off	Off	—	—
Power saving		Power saving effect Low   Start power saving after	Off / Low / High	Off	Allow	—	
No signal power off		On / Off	On	Allow	—		
Cast		Control cast media from other devices	Always / While casting / Never	While casting	Allow	—	
Restart		Restart		—	—	—	
Parental controls		Channels & External input	Restrict watching	Security PIN code entry settings: On/Off	Off	—	—
	External input block		HDMI1 / HDMI2 / HDMI3(eARC/ARC) / HDMI4 / AV	—	—	—	
	Apps	Restrict apps	Security PIN code entry settings: On/Off	tj	—	—	
		Restrict screen time	Security PIN code entry settings: On/Off	tj	—	—	
		Usage time limit	1 hour / 2 hours / 3 hours / Custom	—	—	—	
		Restricted time slot	Time settings	—	—	—	
Repeat	Select by day of the week	Every day	—	—			
Change PIN		—	—	—			
LED indicator	Operational response	On / Off	On	Allow	—		
Sound	System sounds	On / Off	On	Allow	—		
Apple AirPlay&HomeKit settings	AirPlay	On / Off	On	Allow	—		
	Require Code	First Time Only / Every Time / Use Password Instead	First Time Only	Allow	—		
	Reset		—	—	Reset paired devices		
Subtitles and Captioning	Closed Captions and SDH   Font   Size   Font Color   Background Color   Opacity   Text Opacity   Text Edge Style   Text Highlight	—	—	—	—		
Initial setup	—						
Remotes & Accessories	Bluetooth		On / Off	On	Allow	—	
	Pair accessory		—	—	Allow	—	
	Remote control	Connect via Bluetooth		—	—	—	
		Software update		—	—	—	
RS232C control		Off / Via HDMI port / Via serial port	—	Allow	—		

**Android TV OS 9**

Settings are based on the worldwide model. Some settings may differ from EU RED-DA compliant models and China-specific models.

Item		Options	USB Export	Description				
Info banner		On / Off	—	Display programme information when channel is changed. default: On				
External inputs	External inputs [HDMI 1 - Screen mirroring]: Configure show/hide and name for each input.	HDMI 1	Show this input	On / Off	—	Show/hide and label inputs. default: On		
			Named	—	—	Assign a name.		
		HDMI 2	Show this input	On / Off	—	Show/hide and label inputs. default: On		
			Named	—	—	Assign a name.		
		HDMI 3 (ARC)	Show this input	On / Off	—	Show/hide and label inputs. default: On		
			Named	—	—	Assign a name.		
		HDMI 4	Show this input	On / Off	—	Show/hide and label inputs. default: On		
			Named	—	—	Assign a name.		
		AV/Component	Show this input	On / Off	—	Show/hide and label inputs. default: On		
			Named	—	—	Assign a name.		
	BRAVIA Sync settings	BRAVIA Sync control		On / Off	Allow	BRAVIA Sync device control. When set to [On], linking with connected devices is enabled.		
		Auto devices off		On / Off	Allow	When the monitor power is turned off, HDMI-connected devices also turn off.		
		Auto TV on		On / Off	Allow	When an HDMI-connected device is operated, the monitor power turns [On].		
		BRAVIA Sync device list		—	Allow	List display of connected BRAVIA Sync devices.		
	Device control keys		None / Normal / Tuning keys	Allow	Settings for remote control buttons used to operate BRAVIA Sync devices.			
HDMI signal format		Standard format / Enhanced format	—	Allow	Select signal format for HDMI inputs. Displays High-Quality HDMI signals. Select this option only if your device supports High-Quality HDMI formats such as: 4K 60p 4:2:0 10bit, 4:4:4 4:2:2. default: Standard format			
HDMI 4		Auto / HDMI 4 / HDMI 4 AUDIO IN	—	Allow	Select audio source for HDMI 4.			
Display & Sound	Basic	Picture mode		Vivid / Standard / Cinema / Game / Graphics / Photo / Custom	Allow	—		
		Reset picture settings		—	Allow	—		
		Auto picture mode		On / Off	Allow	—		
		Light Sensor		On / Off	Allow	—		
		Brightness	Brightness		Auto / High / Medium / Low / Off	Allow	Adjust the luminance level of the panel.	
			Contrast		Auto / High / Medium / Low / Off	Allow	Adjust the brightness by controlling the signal range.	
			Gamma		Auto / High / Medium / Low / Off	Allow	Adjust the light and dark balance by controlling the middle range luminance while maintaining white and black levels.	
			Black level		Auto / High / Medium / Low / Off	Allow	Mainly adjusts the picture's black level by controlling signal level.	
			Black adjust		Auto / High / Medium / Low / Off	—	Enhances the black by analyzing the luminance level of the picture in real time and automatically adjusting the dark levels.	
			Adv.contrast enhancer		Auto / High / Medium / Low / Off	Allow	—	
			Auto local dimming		Auto / High / Medium / Low / Off	Allow	—	
			X-tended Dynamic Range		Auto / High / Medium / Low / Off	Allow	—	
		Colour	Colour		—	Allow	Adjusts saturation.	
			Hue		—	Allow	Shifts color tone toward red/green direction.	
			Color temperature		Cool / Neutral / Warm / Expert 1 / Expert 2	Allow	Adjusts color temperature.	
			Live Color		High / Medium / Low / Off	Allow	Corrects color vividness for each color.	
		Clarity	Sharpness		Min~Max (0~100)	Allow	Adjusts the picture detail by emphasizing edges and details of objects and people in the picture, as well as controlling noise balance.	
			Reality Creation > Reality Creation		Auto / Manual / Off / Resolution	Allow	Enhances the detail of the video by performing Super Resolution processing and noise reduction while analyzing the picture in real time.	
			Reality Creation > Resolution		—	Allow	—	
			Random noise reduction		Auto / High / Medium / Low / Off	Allow	Reduce dot noise and color noise that tends to appear in dark areas of the screen.	
			Digital noise reduction		Auto / High / Medium / Low / Off	Allow	Reduce noise seen around letters and compression noise, such as block noise.	
		Motion	Motionflow		Auto / Custom / Off	Allow	Adjusts smoothness using frame interpolation. Smoothness and clarity can only be set in Custom mode.	
			Smoothness		—	Allow	Adjusts the strength of smoothness by using frame interpolation on the input video.	
			Clearness		—	Allow	Adjusts the strength of clarity by inserting a black frame to reduce motion blur.	
		Film mode		Auto / Off	Allow	Detects video of films and other content and optimises picture quality using IP (Interlaced-Progressive) conversions and frame interpolation.		
		Video signal	HDR mode		Auto / HDR10 / HLG / Off	Allow	Set the input's HDR type. Typically set to [Auto].	
			HDMI video range		Auto / Full/ Limited	Allow	Set the HDMI input signal's dynamic range. Typically set to [Auto].	
			Colour space		Auto / sRGB/BT.709 / DCI / Adobe RGB / BT.2020	Allow	Set the input signal's colour space. Typically set to [Auto].	
			Reset		—	—	Return [Adv.colour temperature: Basic] and [Adv.colour temperature: Multi point(10p)] settings to factory default	
		Adv.colour adjustment	Adv.colour temperature : Basic		R-Gain   G-Gain   B-Gain   R-Bias   G-Bias   B-Bias   Reset	Allow	—	
			Adv.colour temperature : Multi point (10p)		Colour gamma adjustment points R-Offset   G-Offset   B-Offset   Reset	Allow	This function is for advanced users and requires professional picture calibration tools. 10 adjustment points are available to alter pixel drive at 10 input signal levels.	
		Screen	Wide mode		Auto / Wide zoom / Normal / Full / Zoom	Allow	Adjust the picture size. Default value is depending on signal.	
			4:3 default		Wide zoom / Normal	Allow	Automatic sizing for 4:3 pictures.	
			Auto display area		Auto / Off	Allow	Automatically adjusts the viewable screen area based on the signal. Default value is depending on signal.	
			Display area		+1 / Normal / -1	Allow	Adjusts the viewable screen area.	
			Screen Position		Vertical / Horizontal	Allow	Adjust the vertical and horizontal screen position.	
			Vertical Size		—	Allow	Stretch the picture vertically.	
		Sound	Input-specific > Sound customisation	Surround		Auto / On / Off	Allow	Virtually reproduce realistic surround sound.
				Surround effect		—	Allow	Adjusts the surround sound effect.
				Equaliser		—	Allow	Adjust sound based on different frequencies.
				Dialogue enhancer		—	Allow	Emphasise voice.
			Input-specific > Volume level	Volume offset		—	Allow	Adjust the sound level of the current input relative to other inputs.
				Dolby Dynamic Range		Standard / Compressed	Allow	Compensates for audio level differences between channels (only for Dolby Digital audio). keep the volume level constant for all programmes and inputs.
			Common	Advanced auto volume		Auto / Off	Allow	Adjust the speaker balance.
				Balance		On / Off	Allow	Adjust the speaker balance.
				TV position		Table-Top Stand / Wall Mount	Allow	Chooses optimal TV sound based on the position of your TV. Default value is depending on Initial Setup.
		Audio output	Speakers		TV speakers / Audio system	Allow	—	

		Audio system prioritisation	On / Off	Allow	Output sound from BRAVIA Sync compatible external speakers if detected when the TV is powered on.		
		Home theater control	—	Allow	Turns your audio system on, and allows you to control it.		
		A/V sync	Auto / On / Off	—	Adjust audio and video timing while using a Bluetooth A2DP audio devices or a specific audio system connected with HDMI cable.		
		Digital audio out	Auto1 / Auto2 / PCM	—	Select the audio format for the audio system connected with HDMI or optical digital cable. Available when [Speakers] is set to [Audio system].		
		Digital audio out volume	On / Off	Allow	Applied for PCM only. The volume levels between PCM and compressed audio will differ.		
		Dolby Digital Plus output	Dolby Digital Plus / Dolby Digital	—	Select output for Dolby Digital Plus for audio systems supporting Dolby Digital Plus and ARC. If you use ARC and optical audio out, select [Dolby Digital]. (Dolby Digital Plus will be muted over optical audio out.)		
		Pass through mode	Auto / Off	Allow	Pass through intended audio signals automatically. Select this setting when you want to output signals like DTS, etc.		
Network & Internet	Wi-Fi		On / Off	Allow	—		
	Available networks			—	—		
	Other Options	Add new network			—	—	
		Scanning always available		On / Off	—	Scan for networks with Google location services and other apps even when Wi-Fi is off.	
	Ethernet		Not connected/connected		—	—	
	Proxy settings			Allow	—	—	
	IP settings			Allow	—	—	
	Network status			—	—	—	
	Wi-Fi Direct	Wi-Fi Direct settings			—	Set up Wi-Fi Direct and Screen mirroring. Connect TV directly with Wi-Fi supported devices.	
		Show device list/Delete			—	—	
	Remote start		On / Off	Allow	—	Allows a mobile device to power on the TV from standby mode. This may increase standby power consumption.	
	Remote device settings	Control remotely		On / Off	—	Let registered remote devices control this TV. Default: On	
		Deregister remote device			—	Deregister remote devices to turn off TV control	
	Home network setup		Server diagnostics		—	Set up home network connections. Check for servers and view server status.	
	Renderer function	Renderer function		On / Off	Allow	Turn this on to allow you to view photos or play music from compatible devices on your TV.	
		Renderer access control		On / Off	—	Select whether to automatically allow or block access from new devices.	
	IP control	Authentication			Allow	This may consume more energy during standby mode.	
		Pre-Shared Key			Allow	—	
		Simple IP control		On / Off	—	default value: Off	
		Control4@		On / Off	Allow	default value: Off	
	Accounts & Sign-In	Sign-In			—	Sign in to get new apps, recommendations, movies and more from Google.	
Apps	See all apps			—	—		
	App permission			—	—		
	Special app access	Energy optimisation			—	Optimise energy use of apps	
		Usage access			—	Usage access allows an app to track which other apps you're using and how often, as well as your operator, language settings and other details.	
		Notification access			—	These apps will be able to read all notifications, including personal information, such as contact names and the text of messages that you receive. They will also be able to dismiss notifications or trigger action buttons that they contain.	
		Display over other apps			—	Allow an app to display on top of other apps that you're using. It may interfere with your use of those apps or change the way they seem to appear or behave.	
		Modify system settings			—	This permission allows an app to modify system settings	
		Picture-in-Picture			—	Allow apps to create a picture-in-picture window while the app is open or after you leave it (for example, to continue watching a video). This window displays on top of other apps that you're using.	
		Directory access			—	These apps have permission to access certain directories.	
Device Preferences		About	System software update	Software update		—	Check for a software update and install it to your TV.
	Automatically check for update			On / Off	—	Notify you when the latest software becomes available. Default: Off	
	Device name			—	—		
	Restart			—	—		
	Status		IP address   MAC address   Bluetooth address   Serial number   Uptime		—	Network, serial numbers and other information.	
	Legal information		Open-source licences   Google legal   Sony legal   Notices and licences   System WebView licences   Wallpaper   Ads		—	—	
	Model			—	—		
	Version			—	—		
	Android security patch level			—	—		
	Kernel version			—	—		
	Build			—	—		
	Date & time	Automatic date & time		On / Off	—	—	
		Set date			—	—	
		Set time			—	—	
		Set time zone			—	—	
		Use 24-hour format		On / Off	—	default: On	
	Language			—	—		
	Keyboard	Current keyboard			—	—	
		Gboard Settings	Current version			—	—
			Languages			—	—
			Terms of Service			—	Display the terms of service (webpage).
			Privacy Policy			—	Display the privacy policy (webpage).
			Open-source licences			—	Licence details for open-source software
		Share usage statistics			—	Automatically send keyboard usage statistics to Google	
		Physical keyboard			—	Available when physical keyboard is connected	
	Manage keyboards			—	—		
	Sound	System sounds		On / Off	—	default: On	
Storage	Device storage	Internal shared storage			—		
		Delete demo content			—		
Home screen	Channels	Customise Channels>Play Next			—	Customise your Play Next channel	
		Customise Channels>Home screen channels			—	Select which channels appear on the Home screen. Empty channels will not be shown.	
		Enable video previews		On / Off	—	—	
		Enable audio previews		On / Off	—	—	
Apps	Reorder apps			—	Select which apps to include in search results.		
	Reorder games			—	—		
Open-source licences	Android TV Home			—	—		
	Android TV Core Services			—	—		
Google Assistant	Accounts			—	—		
	View permissions			—	Select the apps to display in search results.		
	Searchable apps		On / Off	—	default: Off		

	SafeSearch filter		On / Off	—	default: Off
	Block offensive words			—	—
	Open-source licences			—	—
Chromecast Android SH	Open-source licences			—	—
	Version number			—	—
Screen saver	Screen saver		Sleep / Backdrop / Colours	—	Select a background for [Screen saver]. When [Sleep] is selected, set when to turn off the display in [When to start].
	When to start		15 minutes / 30 minutes / 1 hour / 2 hours	—	Select a period of inactivity before [Screen saver] begins. If [Sleep] is selected, the display will turn off.
	Put device to sleep		15 minutes / 30 minutes / 1 hour / 2 hours / 4 hours / 8 hours / 12 hours / Never	—	Disabled when "Sleep" is selected in the "Screen saver" menu.
	Start now			—	Disabled when "Sleep" is selected in the "Screen saver" menu.
Location	Location status		Use Wi-Fi to estimate location / Off	—	default: Off
	Recent location requests			—	—
Usage & Diagnostics	Usage & Diagnostics		On / Off	—	Automatically send diagnostic information to Google, such as crash reports and usage data from your device, app and Chromecast built in. This information won't be used to identify you. You can adjust these permissions at any time from device settings. Find out more at <a href="http://g.co/AndroidUsageHelp">g.co/AndroidUsageHelp</a> and <a href="http://g.co/cast/device_stats">g.co/cast/device_stats</a> .
				—	default: Off
Security & restrictions	Unknown sources			—	Allow installation of apps from sources other than the Play Store.
	Verify apps		On / Off	—	Disallow or warn before installation of apps that may cause harm.
	Restricted profile	Create restricted profile		—	—
Accessibility	Subtitle settings	Streaming & other content > Display	On / Off	—	—
		Streaming & other content > Display options	Language / Text size	—	—
		Streaming & other content > Subtitle style	White on black / Black on white / Yellow on black / Yellow on blue / Customised	—	—
	High contrast text		On / Off	—	—
	Text to speech	Preferred engine > Google Text-to-speech engine		—	—
		Preferred engine > Engine configuration	Language   Settings for Google Text-to-speech engine   Install voice data	—	Install the voice data required for speech synthesis
		General	Speech rate   Listen to an example   Default language status	—	English (United Kingdom) is fully supported
	Accessibility shortcut	Enable accessibility shortcut	On / Off	—	When the shortcut is on, you can press the MUTING button for 3 seconds to start an accessibility feature.
		Shortcut service	TalkBack / Switch Access / Text magnification / Screen reader	—	default: Screen reader
	Services	Talk Back		—	—
		Switch Access		—	—
		Text magnification		—	—
		Screen reader		—	—
	Reset	Factory data reset		—	This will erase all data from your device's internal storage, including: your Google account, system and app data and settings and downloaded apps
	Erase data from internal shared storage			—	—
Parental controls	Channels & External inputs			—	Set restrictions on ratings, channels, and external inputs.
	Apps			—	—
	Change PIN			—	—
LED indicator	Operational response		On / Off	Allow	Lights up when a remote control is in operation.
Power	Power saving		Off / Low / High	Allow	—
	Idle TV standby		15 minutes / 30 minutes / 1 hour / 2 hours / 4 hours / 8 hours / 12 hours / 24 hours	Allow	Automatically turns off the TV after a set period of inactivity.
	Auto shut-off		On / Off	Allow	TV automatically turns off if no signal is detected for 15 minutes.
Apple AirPlay & HomeK	AirPlay		On / Off	—	default: On
	Require Code	Require Code	First Time Only / Every Time / Use Password Instead	—	default: First Time Only
		Reset	Reset Paired Devices	—	default: On
	Subtitles and Captioning	Closed Captions and SHD	On / Off	—	—
	TEXT	Font	San Francisco / Helvetica / Cinecav X / Menlo / Lucida Grande / Avenir / COPPERPLATE / Savoye	—	—
		Video Override	On / Off	—	Use the font font specified in the video.
	Size	Size	Small / Medium / Large / Extra Large	—	default: Medium
		Video Override	On / Off	—	Use the font size specified in the video.
	Font Colour	Font Colour	White / Cyan / Blue / Green / Yellow / Magenta / Red / Black	—	default: White
		Video Override	On / Off	—	Use the font color specified in the video.
	Background Colour	Background Colour	Black / White / Blue / Red / Green / Cyan / Yellow / Magenta	—	default: Black
		Video Override	On / Off	—	Use the opacity specified in the video.
	Opacity	Opacity	50% / 100% / 75% / 25% / 0%	—	default: 50%
		Video Override	On / Off	—	Use the font size specified in the video.
	Text Opacity	Text Opacity	Opaque / Semi-Transparent / Transparent	—	default: Opaque
		Video Override	On / Off	—	Use the text opacity specified in the video.
	Text Edge Style	Text Edge Style	None / default value / Drop Shadow / Raised / Depressed / Uniform	—	default:None
		Video Override	On / Off	—	Use the text edge style specified in the video.
	Text Highlight	Text Highlight	Black / White / Blue / Red / Green / Cyan / Yellow / Magenta	—	default: White
		OPACITY	0% / 25% / 50% / 75% / 100%	—	default: 50%
		Video Override	On / Off	—	Use the text Highlight specified in the video.
	About AirPlay	AirPlay Version		—	—
		AirPlay Logging		—	—
		Analytics		—	—
		Acknowledgements		—	—
	Set Up HomeKit			—	Easily and securely control this TV using the Home app, Siri, or from Control Centre on your Apple devices.
Initial setup				—	—
Remotes & Accessories	Bluetooth	Bluetooth	On / Off	Allow	default: On
		Registered devices	Bluetooth devices / Add devices	—	Disabled when Bluetooth is set to "Off".
	Remote control	Connect via Bluetooth		—	This will enable the full functionality of your TV remote control.
		Software update		—	—
	RS232C control	RS232C control	Off / Via HDMI port / Via serial port	Allow	Control function for professional use. If you change this setting, the TV will restart automatically.
	Timers	On timer	Timer	On / Off	Set the TV to turn on and off automatically. default: Off
			Day	Every day / Every Mon-Fri / Sun / Mon / Tue / Wed / Thu / Fri / Sat / Every Sunday / Every Monday / Every Tuesday / Every Wednesday / Every Thursday / Every Friday / Every Saturday	Available when [Timer] is set to [On].
			Time		Available when [Timer] is set to [On].
			Duration		Available when [Timer] is set to [On].
			Inputs		Select the input at TV power on.
			Volume setup	0-100	Available when [Timer] is set to [On].
		Sleep timer		120 min / 90 min / 60 min / 45 min / 30 min / 15 min /	default: Off
RC Option Key Menu	Quick Settings			—	Change picture/sound related settings quickly. Select [Edit] to add favourite settings.