Sony - LoopSign Deployment Guide (BZ30J and BZ40H series)

There are two ways to deploy LoopSign to your Sony screen and that is either to use an USB stick with defined URL to launch or utilizing the built in URL launcher.

The recommended approach will be to use the built in URL launcher however in larger deployments it may make more sense to use the USB stick approach.

Be aware that with the USB stick approach anyone with a Sony remote control can exit the play mode and change the screen to show something else. So, this approach may be risky to use in public places.

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1. Initial settings

This is a step-by-step guide to setting up Sony's BZ30J and BZ40H screens with LoopSign. When you first power the screen, the initial setup process starts.



Choose language. (This manual is based on English language setup.)

Ethernet connection for internet is highly recommended, but wifi can also work.





You don't have to log in with a Google account.



Agree to Google's Terms of Service and Privacy Policy.

Google		
Terms of Service		
By continuing, you agree to the Google Terms of Service, the Google		
Privacy Policy and the Google Play Terms of Service.		
This device may also receive and install updates and apps from Google,	Terms of Service	
offer optional in-app purchases. You can remove them or adjust their	Privacy Policy	
permissions at any time from the device settings.		
Google also collects and temporarily stores the voice and audio history	Play Terms of Service	
from microphone use to improve the product experience.		





You don't have to give Google location access or provide them with diagnostic information.

Cycle through the information about the screen's features with the right arrow button on the remote.











Press the middle button between the arrow buttons on the remote to initiate Sony's own part of the initial setup process.





Agree to Sony's Privacy Policy.



Choose how your screen is mounted.

(This is only relevant to how the screen's speakers behave. LoopSign does not play sound.)





Click Next on the information page about AirPlay and HomeKit.



Click Complete to finish the inital setup process.





2. Configure "Pro mode"

The Home Menu should now appear automatically. If not, click the Home button on the remote. Once in the Home Menu, navigate to and choose "Pro mode tool".



Choose "Pro settings mode".





Confirm by clicking OK.



Once back in the Home Menu, "Pro settings in process" will now show in the top of the screen. Navigate to and choose "Settings" in the top right corner.





Pro settings in pro	cess
Settings	System
CON Ethernet connected	Accessibility
Accounts and sign-in No accounts	(i) About
Privacy	O Date and time
Аррз	Eanguage
System Parental controls, accessibility and system settings	Board Gboard
Remotes and accessories	Storage
	Home screen

.

Confirm that the automatically set settings for date and time are correct or change them as needed. It is recommended to keep Automatic date & time activated, but remember to check that the correct time zone is set.

-	0	
	Pro setti	ngs in process
	System	Date and time
	Accessibility	Automatic date & time Automatically adjusts the time provided by your network or broadcast.
	(i) About	Set date 1 July 2022
	O Date and time	Set time 08:48
	Language	Set time zone GMT+02:00 Central European Summer Time
	Keyboard Gooard	Use 24-hour format
	E Storage	13:00 Auto clock display
		Off
	Home screen	A0117





Navigate to "Power and energy" and disable all power saving features (as shown below).

Navigate back to the main settings overview and choose "Pro settings".

Settings in process Settings Image: Prosettings Image: Prosettings Image: Prosetting up our TV Image: Prosettin	



_			
	Settings		
	Pro settings		
	Surgerstrows		
	Add a Google Account to make the most of your TV		A.
	Allow Pro Mode to access photos	Allow	
	J media and files on your device?	Deny	
	You can change this later in Settings > Apps		
	SONY		

Give "Pro Mode" all the access it asks for by choosing "Allow" in the notifications that pop up.

In the Pro settings, set "AC Power on" to "Always on". (This will force the screen to power up after a power outage.)

Set the power • Standard • Always on	Pro settings in process relates of the display when the display is started by inserting the power plug. The display remains in the last power state (excluding some areas). Always power on with the screen in the ON state after the AC is unplugged and then plugged back in	Pro settings Current settings View all the current settings. Export Pro settings You can copy Pro settings to other displays using a USB.
• ort	Always power on with the screen in the OFF state after the AC is unplugged and then plugged back in.	Start-up services Settings AC power on Always on PC input optimisation Off
Target segment Ease Segment Education Egrage Egrage	Check here for more information BRAVIA [™] Professional Displays Knowledge Center	Wake-up on signal Disable Home key behaviour Home menu



Navigate down to and choose "Initial input source".

	Pro setti	ngs in process
		Pro settings
Set the Initia	al input when the display is turned on.	USB drive auto run
• Default • External inp	Last displayed input or app is shown. ut Specified external input is shown.	Professional app display setting
• Start-up app • Android app	Web app is shown (need to input URI). Specified Android app is shown.	HTML5 platform
• Built-in tuner Selectable item	The specified broadcast channel is shown. s in Initial input source may differ depending on models or regi	Initial source and volume
It is not possible an Android app a	to set an Android app that is [Enable (Limited)] as the initial in Is the initial input, set the app setting to [Enable] instead of [Ei	put. When setting Initial input source befault Default
		Initial and maximum volume Initial volume: Disable Maximum volume : 100
Target segment	Check here for more information BRAVIA [™] Professional Displays	Power Scheduling Off
Corpovate Education Signage	Hothi Knowledge Center	
		SONY

Choose "Start-up app".

Pro settings in process	Initial input source
2 Set the Initial Input when the display is turned on.	Oefault
Default Last displayed input or app is shown.	O External input
• Start-up app Web app is shown (need to input URI).	O Start-up app
 Indicating applier applied by a specified broadcast chain is above. The specified broadcast chain is a hown. Selectable items in initial input, source may differ depending on models or regions. It is not possible to set an Android app that is [Enable (Limited)) as the initial input. When a main an Android app as the initial input, set the app setting to [Enable] instead of [Enable (Limited)] Target segment Event Event<	Android app



Input the complete screen URL of your LoopSign screen. Confirm/save the URL by clicking the button on the on-screen keyboard that is circled in the picture below.



Set the Power Scheduling as needed, and set the screen to restart daily at a chosen time (preferably outside of the screen's active hours set in the Power Scheduling).

			Pro settir	ngs in process			
					Pro settings		
3	Set the initial volume a	nd maximum volume for the displa	ıy.		Enable		
	The volume is reset to t than the set maximum	he default value each time the po volume. Set [Reset volume on pov	wer is turned on. It ca rer on] to ON, and set	nnot be set higher the initial volume	HTML5 platform		
	and maximum volume s	eparately.					
					Initial input source Start-up app : https://p	e lay.loopsign.eu/app/505/410682	
					Initial and maxim Initial volume : Disab Maximum volume : 1	num volume le 00	
					Power Schedul Weekly Power On 07:00	ing Power Off 17:00	
Target segment		Check here for more	information		Periodic resta	irt	
Corporate	Signago Hotel	BRAVIA [™] Profess Knowledge Center	onal Displays		Daily Time 06:50		
					Function restr	ictions	
				SONY			



Navigate down to and choose "Apps" to disable the built-in Chromecast feature when using the screen as a LoopSign signage screen.







Go back to the "Pro settings" menu and navigate all the way to the top. Choose "Start pro mode".

Confirm by choosing OK.





The screen will now restart into Pro mode and activate all your defined Pro settings, and this may take a couple of minutes to complete. Once the screen is finished starting up, it will show your LoopSign screen.



Please note: Should you ever need to change your screens's settings later, press the following key combination in rapid order while the screen is on: i+ | Mute | Vol+ | Home (see picture below). This will restart the screen back into "Pro settings mode" where you can change settings as needed, before going back to "Pro mode" as described above.





Optionally after setup you can update to latest firmware!

(Note that the steps may be different depending on model/Android version you have)

- Press home button on remote
- Select Settings (Upper right corner cog icon)
- Select Device preferences
- Select About
- Select System software update

3. URL launch from USB stick

Autorun URL from USB stick.

3.1 Timer settings

First you need to set auto on function.

- Press "Home" on your remote
- Select "Timers" menu icon in upper right corner
- Set the desired auto on time and duration for your screen

(It does not matter what input you select)

- Set sleep timer to "off"

3.2 Prepare USB stick

Take an unused empty USB stick and download this file: <u>https://loopsign.eu/sony.zip</u> Unzip the file structure to your USB stick. The stick should now have the following file structure:

\leftarrow \rightarrow \checkmark \bigstar loopsig \Rightarrow app	~	Ō	Q	Søk i app	
V 🕳 USB-STICK (D:)			^	Navn	^
✓ sony				📄 manifest.json	
👻 📙 apps					
✓ webapps					
🗸 📙 loopsign_play					
🔒 арр					



Edit the **manifest.json** file with any text file editor, for example notepad or Notepad ++ Change the "Web_URL" to the screen you like to play.

Make sure to keep the format of the file and do not modify or delete any of the other content in the file. Only modify the "https://play.loopsign.eu/app/xxxx/yyyyyyy"

```
무 {
금
   "name": {
     "default": "en US",
      "en US": "launch loopsign web url"
   },
   "auid": "loopsign.url.launch.loopsign play",
   "version": "1.0",
   "manifest version": "1.0",
   "app": {
日日日
      "launch": {
       "web url": "https://play.loopsign.eu/app/20/lsp/"
      }
   },
   "minimum_web_platform_version": "1.0"
L,
```

After you have saved the file, you can just plug it into your screen and the LoopSign URL will automatically launch within 10-15 seconds. (If you unplug it again it will stop) So every time the screen is turned on the specified URL will launch.

Note, that the screen is not running in "pro mode" so be advised that when not in "Pro Mode" you cannot set any PIN code for entering screen settings to prevent anyone to tamper with settings.