epiphan video

Template Layouts Configuration Preset

Getting Started

April 20, 2021

UG126-01

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About configuration preset templates

Configuration presets are groups of settings that get applied to the your Pearl system, leaving other important settings intact. They make it easy to manage multiple Pearl systems and shared spaces like a studio.

The Epiphan configuration preset template consists of the Channel group of settings.

Channels	All channel configuration data and current recording state, all custom layouts, images used in layouts, streaming state, all recording configuration data and current recording state, individual and global UPnP settings.

Settings in the configuration preset template overwrite existing channel settings. Recorded files do remain on your Pearl system after applying a configuration preset; however, unintentional deletions can occur.

Make backups and download important recordings before applying a configuration preset template to your Pearl system.

Read the following important considerations before importing a channel configuration preset. For complete details about using configuration presets, see the user guide for your Pearl system.

Channel index number behavior and deletions

Each channel has an index number. The first channel created on a system is channel 1 and subsequent channels are numbered 2, 3, etc. The channel index number is to the left of the channel name in the Admin panel. Configuration presets that contain the **Channels** configuration group specifies channels by their index number.

The Epiphan configuration preset template consists of the Channels group and has only a single channel 1 configured. When you apply the configuration preset template to your Pearl system, the channel 1 settings of the preset overwrite the channel 1 settings currently configured on your Pearl system.

If your Pearl system has more than one channel configured with different index numbers (for example, a channel 2 and a channel 3), those channels are deleted when the configuration preset template is applied because the template only has channel 1.

Make a backup configuration preset of your channels before proceeding to import a configuration preset template.

Recorded files and recovering deletions

Channel recordings are found in the **Recordings** section in the Admin panel. Channel recordings remain on the system even if the channel configuration is changed or a channel is removed as a result of applying a configuration preset.

For example, say that prior to applying your configuration preset you have channels with index numbers 1, 2 and 3; each channel has five recordings. When you apply a configuration preset template that has only a single channel with index number 1, you'll notice that channel 1 still has the same five recordings. Channels with index numbers 2 and 3 are no longer present, but the files are not lost!

Overwritten channel recordings are still available. To access and download/delete these recorded files, enter the following into the address bar:

http://<deviceIP>/admin/channelN/archive or

http://<deviceIP>/admin/recorderN/archive, where N is the index number of the removed channel.

For example, if a channel 2 is no longer present, its corresponding files can be accessed by entering the following into the address bar:

http://192.168.0.183/admin/channel2/archive

If you now create a new channel with index number 2, you'll find that it will have five recorded files in the **Recordings** section. These are the same recorded files that existed at the start of this example. You can repeat this process for each removed channel.

Manually deleting a recording from a channel permanently deletes the recording from your Pearl systemand is not recoverable using this method.

Import and apply a configuration preset template

You can import and apply the Epiphan configuration preset template to your Pearl system using the Admin panel or the touch screen. You cannot upload configuration presets using the local console feature. Import and apply only the configuration preset for your specific Pearl model:

- layout-templates-PEARL-2.preset
- layout-templates-PEARL-Mini.preset

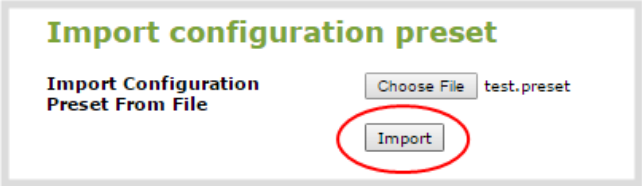
Before you begin

Read the important considerations in About configuration preset templates.

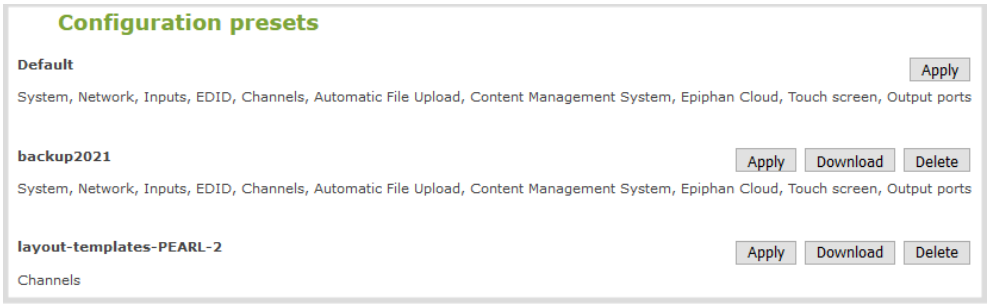
Make backups and download important recordings before applying a configuration preset template to your Pearl system.

Import and apply a configuration a preset using the Admin panel

1. Login to the Admin panel as **admin**.
2. From the Configuration menu, click **Maintenance**. The maintenance page opens.
3. In the **Import configuration preset** section, click **Choose file** and browse to select the file you want to upload (with the extension .preset), then click **OK**.
4. Click **Import**.

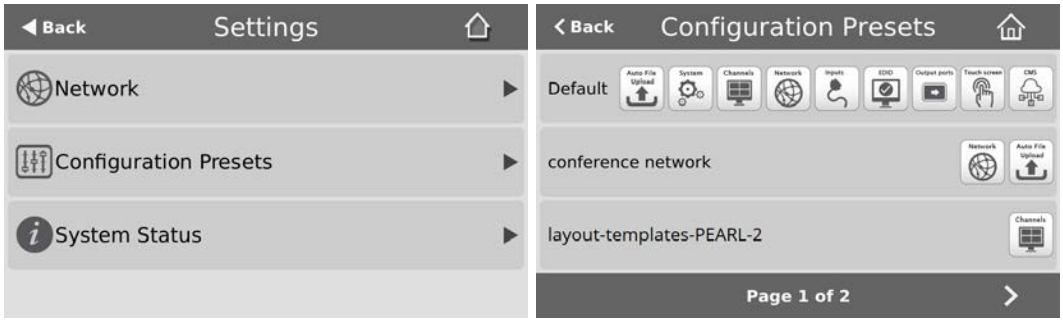


5. In the **Configuration presets** section, click the **Apply** button next to the configuration preset you want to apply. Click **OK** when prompted.

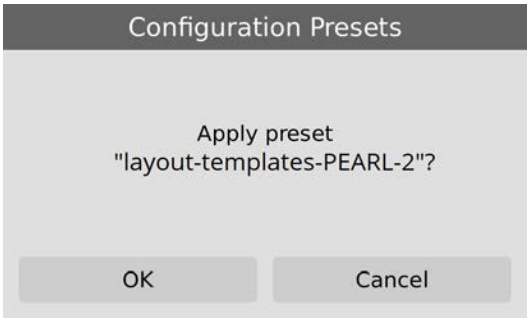


Apply a configuration preset using the touch screen

1. Tap the **gear** icon to open the System settings screen and then tap **Configuration Presets**. A list of all the saved configuration presets appears.



2. Use the arrows at the bottom of the page to navigate through the list and tap the name of the configuration preset template to apply, then click **OK** when prompted to apply the configuration preset.



Epiphan configuration preset template layout examples

Using template layouts should make setting up your next live event a lot easier. For Pearl-2, there are template layouts with up to five 1920x1080 video sources in them. The Pearl Mini template layouts can have up to three 1920x1080 video sources.

Throughout this example, video sources are labeled A through E for easy identification. Layout templates with three or less sources are common to both Pearl systems and use the identical name and format. Only layouts with sources A through C apply to Pearl Mini.

HDMI A

HDMI B

SDI A

SDI B

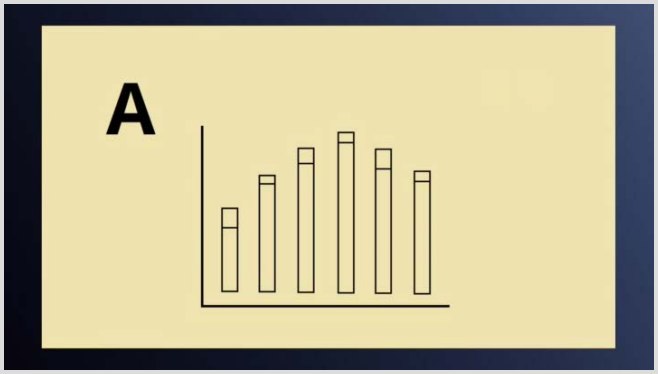
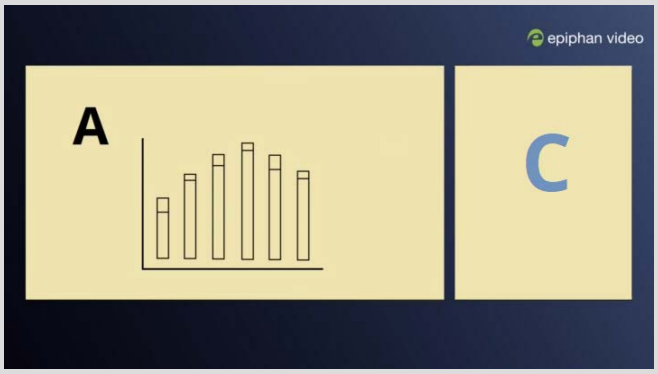
4K HDMI A

Using the custom layout editor, you can easily modify a template layout. You can add your own custom background image, adjust cropping, and even switch video sources. Consider them a starting point for you to customize and fit your specific needs.

The following tables show the different template layouts.

Table 1 *Template layouts with two or fewer video sources*

Layout example	Description
	BACKGROUND AND LOGO A single channel encoded for 1920×1080 with a 16:9 background image (.PNG) and transparent logo (.PNG).

Layout example	Description
	**SCREENSHARE ISO** One scaled HDMI 1920×1080 video source with a background image (.PNG).
	1UP SCREENSHARE + 3x4 SMALL One scaled HDMI 1920×1080 video source (a slideshow presentation) and one scaled SDI 1920×1080 video source cropped to 4:3 aspect ratio, plus a background image and transparent logo.
	**1UP SCREENSHARE + 3x4 LARGE** One scaled HDMI 1920×1080 video source (a slideshow presentation) and one scaled SDI 1920×1080 video source cropped to 4:3 aspect ratio, plus a background image and transparent logo.
	2UP 4x3 One scaled HDMI 1920×1080 video sources (a slideshow presentation), a second scaled HDMI 1920×1080 video source cropped to 4x3 aspect ratio, and one scaled SDI 1920×1080 video source cropped to 4x3 aspect ratio. Plus a background image and transparent logo.

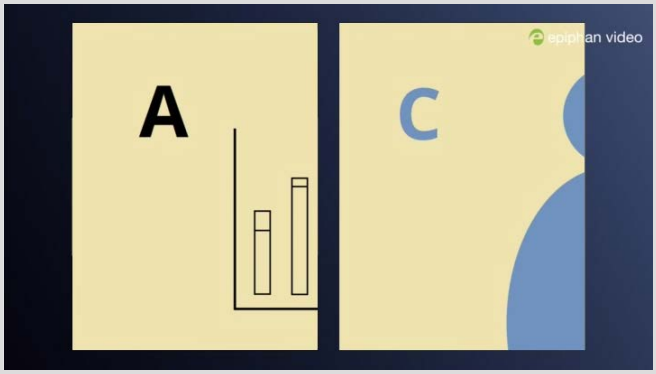
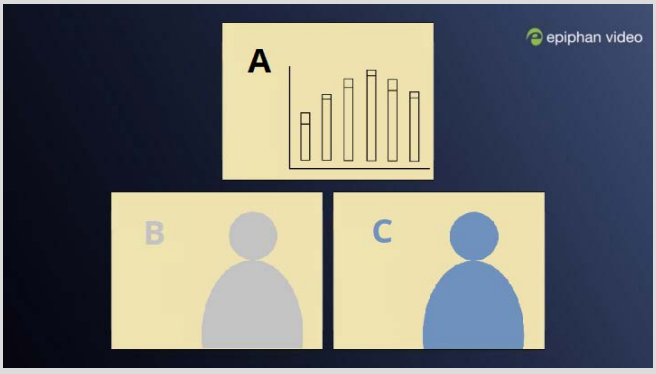
Layout example	Description
	**2UP 3x4** One scaled HDMI 1920×1080 video source (a slideshow) cropped to 3x4 aspect ratio and a scaled SDI 1920×1080 video source cropped to 3x4 aspect ratio, plus a background image and transparent logo.

Table 2 *Template layouts with three or more video sources*

Layout example	Description
	2UP SCEENSHARE + 3x4 One scaled 1920×1080 video source (a slideshow presentation) and two 1920×1080 video sources cropped to 4:3 aspect ratio plus a background image and transparent logo.
	**3UP 4x3** Three scaled 1920×1080 video sources cropped to 4:3 aspect ratio with a custom background image and transparent logo.

Layout example	Description
	4UP 4x3 (Pearl-2 only) Four scaled 1920×1080 video sources cropped to 4x3 aspect ratio with a custom background image and transparent logo. Two are HDMI and two are SDI sources. Plus a custom background image and transparent logo.
	4UP 4x3 + 3x4 (Pearl-2 only) Five scaled 1920×1080 video sources: four cropped to 4x3 aspect ratio and one cropped to 3x4. Plus a custom background image and transparent logo.

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