

SPA25 Prisma User Guide

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USING THE SPA25

Front panel controls

Almost all the functions of the SPA25 Prisma Multi-Channel Processor can be accessed using the front panel controls, and information about its operation is displayed on the front panel display:

Standby

Switches the SPA25 to standby, or switches it on from standby.

Long press the standby button will show the main firmware version in the OLED display.

Keep the button pressed for 10 seconds will perform a factory reset.

and

Step between presets.

OSD (on-screen-display) settings

PRODUCTS

NETWORK PLAYERS

simultaneously displays the settings menus or exits from the menus.

In the settings menus:

Pressing



or



steps between the settings.

Holding down



selects a setting or saves an edited setting.

Holding down



navigates back or cancels editing a setting.

VOLUME

Adjusts the volume.

Changing the volume

The SPA25 allows you to vary the volume from 0 (silence) to 99 (maximum), although by default the maximum volume is set at 70.

To change the volume

- Turn the VOLUME selector on the front panel, press + or – buttons or the ▲ or ▼ buttons on the PRISMA remote, or press + or – in the Prisma app.

The current volume setting is shown on the front panel; for example:

VOL 28

To mute the sound

- Press  on the PRISMA remote.

To restore the sound to its original volume

- Press  again on the PRISMA remote, or adjust the volume.

Selecting a source

The SPA25 Prisma allows you to define up to 17 presets. Each preset can use one of the analogue or digital audio inputs, and any preset can be combined with one of the HDMI inputs. Alternatively, a multi-channel source can be defined using analog inputs A1 to A4.

When the SPA25 Prisma is first supplied the eight standard presets shown in the following table are already set up for you:

Preset	Alias	Description
1	HDMI 1	Video and digital audio on HDMI 1 input.
2	HDMI 2	Video and digital audio on HDMI 2 input.
3	HDMI ARC	Audio on HDMI Main (ARC)

PRODUCTS		
PRESET	NAME	DESCRIPTION
6	D1 Coaxial	Digital audio on D1 input (RCA connector).
7	D2 Optical	Digital audio on D2 input (Optical connector).
8	PC/MAC	Digital audio on PC/MAC input (USB-B connector).
17	Prisma	Digital audio from network sources.

By default only presets 1 and 2 include video.

To step between presets

- Press the ▲ or ▼ buttons on the front panel, or the ◀ or ▶ buttons on the PRISMA remote, to step between presets.

The display shows the current preset alias; for example:

HDMI 1

To select a preset directly

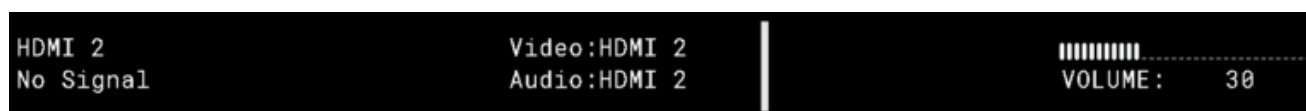
- Press the number of the preset on the PRISMA remote.

To select a preset number greater than 9, long-press the first digit and then press the second digit.

You can disable any preset you don't need. You can also change any preset to use different inputs, or configure your own presets with any name you choose and using any particular inputs as appropriate for the preset.

On Screen Display

An on-screen display is overlaid on your video image when you adjust settings on the SPA25:



This shows:

- The current preset alias, and the signal.
- The video and audio inputs used by the preset.
- The volume.

You can choose how long the OSD stays on the display, and whether the background is transparent; see [Setting up Sources: Video Settings](#).

Changing the display brightness

To change the front panel display brightness

- Press the **DIM** button on the PRISMA remote to step through the three brightness levels and blank.

If you blank the display it will be restored briefly when you operate any control.

The display automatically dims after ten minutes; you can adjust this delay in the settings menus; see [Other Settings: General Settings](#).

Selecting the DSP mode

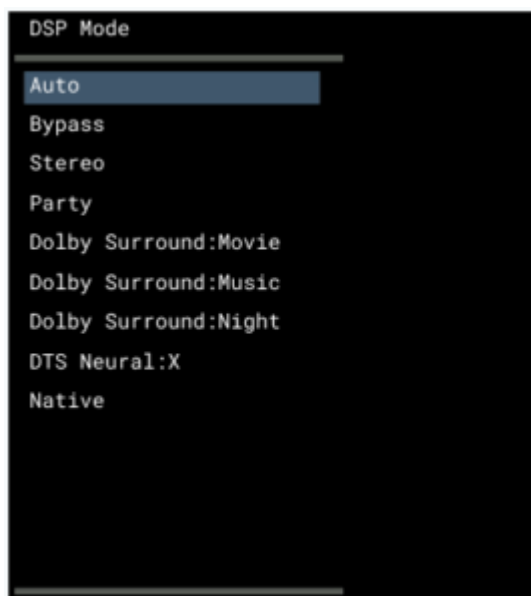
The DSP mode determines how the audio signal is post-processed.

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To change the DSP mode

- Press **AUDIO** on the PRISMA remote.

The on-screen display shows the DSP Mode menu with the current DSP mode highlighted:



The options available depend on the source you are listening to.

- Press ▲ or ▼ on the PRISMA remote to select the new DSP mode and press **SELECT** to select it.

Note that this adjustment is temporary, and the default setting is restored if you change preset or enter standby. If you want to make a permanent change to a preset, edit its configuration using the **Preset Settings** menu; see [Setting up sources: Preset Settings](#).

Option	Description
Auto	Incoming digital signals will be decoded by DSP. Note: Dolby and DTS bitstream signals may be upmixed or downmixed depending upon format and speaker configuration. Incoming analog signals will go via DSP to allow for distance and bass management settings.
Bypass	Incoming digital signals go outside DSP directly to the DAC. Incoming analog signals go directly to volume circuitry. Bypass mode is required for DSD and DoP signals to be played. No bass management can be applied. Bypass is not supported for HDMI sources.
Stereo	Multi-channel signals will be downmixed to 2-channel audio. Analog audio will go via DSP to allow for distance and bass management settings.
Party	The left and right front channels are played to all enabled speakers. Center speaker will output a mono mix of left and right front channels.
Dolby Surround Movie	Incoming signals will be up-mixed to all enabled speakers, using an audio processing profile optimized for movies. This mode cannot be applied to DTS signals.

Dolby Surround Night	Incoming signals will be up-mixed to all enabled speakers, using an audio processing profile optimized for quieter listening. This mode cannot be applied to DTS signals.
DTS Neural:X	Incoming signals will be up-mixed to all enabled speakers. This mode cannot be applied to Dolby signals.
Native <i>(New feature)</i>	Incoming Dolby bitstream signals will be kept native and decoded by DSP. (Dolby up- or down-mixing will not take place)

Changing the levels

You can independently change the balance, center level, surround level, surround back level, and subwoofer level to alter the balance of sound in your surround system.

Changing the balance alters the level of both the left and right main loudspeakers to shift the position of the stereo image, keeping the overall level of the sound the same. The other adjustments change the level of the corresponding speaker(s) without affecting the remaining speakers in the surround system.

To change levels

- Press **BAL** on the PRISMA remote.

The display shows the first setting:

AV Delay:0ms

- Press ▲ or ▼ on the PRISMA remote to step between levels.
- Press ◀ or ▶ on the PRISMA remote to adjust the current level.

Note that these adjustments are temporary, and the default setting is restored if you change preset. If you want to make a permanent change to a preset, edit its configuration using the **Preset Settings** menu; see [Setting up sources](#).

The settings are shown in the following table:

Level	Range	Description
AV Delay	0ms to 200ms	Delay audio to match video (lipsync).
FL	-12.0dB to +12.0dB	Front left level.
C	-12.0dB to +12.0dB	Centre level.
FR	-12.0dB to +12.0dB	Front right level.
SR	-12.0dB to +12.0dB	Side right level.
SBR	-12.0dB to +12.0dB	Surround back right level.
SBL	-12.0dB to +12.0dB	Surround back left level.
SL	-12.0dB to +12.0dB	Side left level.
Sub	-12.0dB to +12.0dB	Subwoofer level.
HL	-12.0dB to +12.0dB	Height left level.

The level adjustments go clockwise around the loudspeakers in your surround system, starting with the front left speaker.

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Alternatively, you can save a user guide as PDF files, to refer to when are you not connected to the internet.

To do so, simply choose **Print**, or **Print** followed by **Save as PDF**, from your browser's **File** menu.

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