Christie SKA-3D

Frequently Asked Questions (FAQs)

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Index

What is the Christie SKA-3D? 3

What are the benefits of the Christie SKA-3D? 3

Do I need a separate audio processor, video scaler, or switcher? 3

What type of audio inputs does the Christie SKA-3D support? 3

What type of audio outputs does the Christie SKA-3D support? 3

If I have the Christie SKA-3D, what else do I need to connect to audio outputs from digital cinema server or an integrated media block? 4

If I already have a cinema audio processor, can I still use a Christie SKA-3D? 4

Does the Christie SKA-3D have a built-in equalizer? 4

Does the Christie SKA-3D have a built-in crossover? 4

Does the Christie SKA-3D support audio breakaway? 4

Does the Christie SKA-3D support audio follows video? 4

Can I use my hearing impaired and visually impaired/ narrative devices with the Christie SKA-3D? 4

What consumer audio formats are compatible with the Christie SKA-3D? 5

What type of video inputs does the Christie SKA-3D support? 5

What type of video outputs does the Christie SKA-3D support? 5

Does the Christie SKA-3D support high-bandwidth digital content protection? 5

Can the Christie SKA-3D display consumer 3D and 2D content? 5

Does Christie recommend using a specific model of Blu-ray player with the Christie SKA-3D? 5

Can the Christie SKA-3D be used with 3D game consoles? 6

If I have the Christie SKA-3D, what else do I need to connect consumer 3D sources to a digital cinema projector? 6

If the Christie SKA-3D uses both DVI ports on a cinema projector, how do I connect my existing preshow system? 6

Can I use the Christie SKA-3D with an existing 35mm film system? 6

Do I need to make any changes or updates to my digital cinema projector software before connecting to the Christie SKA-3D? 6

Can I use the Christie SKA-3D with projector brands other than Christie? 6

Can I control the Christie SKA-3D with an automation system? 6

Does the Christie SKA-3D have a Web interface? 7

Does the Christie SKA-3D support user presets? 7

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Is the Christie SKA-3D rack mountable? 7
What are the AC power requirements for the Christie SKA-3D..... 7

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Christie SKA-3D FAQs

What is the Christie SKA-3D?

The Christie SKA-3D is a cinema audio processor, video scaler/processor, switcher and alternative content interface that's perfect for cinema exhibition.

What are the benefits of the Christie SKA-3D?

The Christie SKA-3D has great features and benefits. This processor:

- combines multiple audio and video signal processing in a single streamlined unit
- easily integrates a wide range of alternative content sources with Digital Cinema systems
- extracts consumer 3D video from HDMI and output to DVI inputs on Digital Cinema projectors
- extracts multichannel digital audio from HDMI and output to professional audio systems, and
- reduces system complexity, cost and equipment-rack clutter in an "all in one" solution.

Do I need a separate audio processor, video scaler, or switcher?

No, the Christie SKA-3D is a fully-functional audio processor, video scaler and signal switcher - all in one box.

What type of audio inputs does the Christie SKA-3D support?

The Christie SKA-3D has these audio inputs (16 balanced digital + 8 balanced analog + 11 consumer):

- (1) DCI-AES 16 Channel (DB25 or dual RJ45)
- (1) Balanced Analog 8 Channel (DB25)
- (2) HDMI
- (3) Optical Digital
- (3) Coax Digital
- (3) Unbalanced Analog
- (1) Microphone

What type of audio outputs does the Christie SKA-3D support?

The Christie SKA-3D has these audio outputs (15 balanced analog + 1 consumer + 1 headphone):

- (1) Balanced Analog 8 Channel (DB25)
- (1) Left Low
- (1) Right Low
- (1) Center Low
- (1) Left Surround Low
- (1) Right Surround Low
- (1) HI
- (1) VI/N

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- (1) Booth Monitor (RCA) + (1) Headphone (TRS)

If I have the Christie SKA-3D, what else do I need to connect to audio outputs from a Digital Cinema server or an integrated media block?

You will need different cabling depending on the set up of the server or integrated media block (IMB):

- A cinema server or an IMB with digital audio out on DB25 needs a 16 Channel AES audio cable (DB25 to DB25)
- A cinema server or an IMB with digital audio out on RJ45 needs two shielded CAT6 STP cables (RJ45 to RJ45)
- A cinema server with analog audio out on DB25 needs 8 Channel analog audio cable (DB25 to DB25).

If I already have a cinema audio processor, can I still use a Christie SKA-3D?

Yes. Just connect the balanced analog audio 8 channel output of the existing audio processor to the Balanced Analog 8 Channel (DB25) input on the Christie SKA-3D. You can also connect the Balanced Analog 8 Channel (DB25) audio output on SKA-3D to an available Balanced Analog 8 Channel audio input on your existing audio processor.

Does the Christie SKA-3D have a built-in equalizer?

Yes. The Christie SKA-3D has 31-band, graphic EQ for main outputs and four-band, parametric EQ for LFE output.

Does the Christie SKA-3D have a built-in crossover?

Yes. The Christie SKA-3D has five channels of two-way crossover providing three screen channels and two surround channels.

Does the Christie SKA-3D support audio breakaway?

Yes. The Christie SKA-3D can combine audio from any input with video from any input.

Does the Christie SKA-3D support audio follows video?

Yes. The Christie SKA-3D can assign audio from any input to any video input and save it as a default. When a particular a video input is selected, the correct audio input is automatically selected.

Can I use my Hearing Impaired and Visually Impaired/ Narrative devices with the Christie SKA-3D?

Yes. The Christie SKA-3D has both hearing impaired and visually impaired/narrative balanced audio outputs.

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What consumer audio formats are compatible with the Christie SKA-3D?

The Christie SKA-3D can support these consumer-grade audio formats:

- Dolby TrueHD
- Dolby Surround 7.1
- Dolby Digital Plus
- Dolby Digital
- DTS-HD Master Audio
- DTS
- PCM (multichannel)
- Analog (stereo)

What type of video inputs does the Christie SKA-3D support?

The Christie SKA-3D has these video inputs:

- (2) HDMI
- (1) HDMI / DVI-I
- (1) HDMI / DVI-D
- (2) Component
- (1) VGA

What type of video outputs does the Christie SKA-3D support?

The Christie SKA-3D has two HDMI / DVI-D outputs (Left Eye + Right Eye 3D or dual 2D outputs).

Does the Christie SKA-3D support high-bandwidth digital content protection?

Yes, the Christie SKA-3D supports high-bandwidth digital content protection (HDCP) on all digital video inputs and outputs:

- (2) HDMI inputs
- (2) DVI-D inputs
- (2) DVI-D outputs

Can the Christie SKA-3D display consumer 3D and 2D content?

Yes. The Christie SKA-3D can display consumer 3D and 2D video formats from sources such as Blu-ray players, game consoles, satellite receivers, cable boxes and computer systems.

Does Christie recommend using a specific model of Blu-ray player with the Christie SKA-3D?

No. Although the Christie SKA-3D is compatible with most Blu-ray players, Christie does not recommend a specific model of Blu-ray player. A 3D Blu-ray-capable player is needed for 3D playback. You may need to update your player's firmware for the latest firmware release.

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Can the Christie SKA-3D be used with 3D game consoles?

Yes. The Christie SKA-3D is compatible with 3D game consoles such as XBOX 360 and PS3, using HDMI outputs.

If I have the Christie SKA-3D, what else do I need to connect consumer 3D sources to a Digital Cinema projector?

You will need two DVI-D cables to connect the Christie SKA-3D to your projector's DVI-D video inputs. To connect consumer 3D sources to the Christie SKA-3D, you will need HDMI 14a-compatible cables.

If the Christie SKA-3D uses both DVI ports on a cinema projector, how do I connect my existing preshow system?

You must connect the output of your preshow PC to the HDMI, DVI-D or VGA input on the Christie SKA-3D, which will then feed the projector.

Can I use the Christie SKA-3D with an existing 35mm film system?

Yes. Connect the multichannel, balanced analog audio out from the existing cinema audio processor to the Balanced Analog 8 Channel in on the Christie SKA-3D. Use an 8 Channel analog audio cable (DB25 to DB25).

Do I need to make any changes or updates to my Digital Cinema projector software before connecting to the Christie SKA-3D?

To use the Christie SKA-3D for 3D video output, your Christie digital cinema projector software must be Solaria 2.2 or newer. If you're using the Christie SKA-3D with another manufacturer's projector, contact that manufacturer for the software requirements.

Can I use the Christie SKA-3D with projector brands other than Christie?

Yes. Barco Series 2 projectors are compatible with the Christie SKA-3D's Left Eye + Right Eye output format. Separate Left Eye + Right Eye DVI-D outputs on the Christie SKA-3D can be used for dual-projector, 3D setups with one DVI-D output connected to each of the projectors.

Can I control the Christie SKA-3D with an automation system?

Yes. The Christie SKA-3D has these control and automation options:

- Ethernet
- RS232
- 8 contact closure inputs
- 4 contact closure outputs

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Does the Christie SKA-3D have a Web interface?

Yes. The Christie SKA-3D has an easy-to-use Web interface for system set-up access and total control of all functions.

Does the Christie SKA-3D support user presets?

Yes. The Christie SKA-3D supports up to 10 user presets. These presets are configurable through the Web interface and can be called up with an automation system, using Ethernet, RS232 or contact closure.

Is the Christie SKA-3D rack mountable?

Yes. The Christie SKA-3D is rack mountable and comes with a rack mount kit, which needs standard two rack units. Christie recommends leaving a rack space above and below the chassis, for optimal ventilation and cooling,

What are the AC power requirements for the Christie SKA-3D

The Christie SKA-3D can support voltage inputs from 110V – 240V AC at 50/60 Hz and uses 125W of power.

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