



SW42DA - 4-Way HDMI Switch With Multi-Channel Dante® Audio Breakout

Super Yachts - Seamless AV Integration

The Blustream SW42DA is an ideal AV solution for super yachts, offering seamless integration of multi-channel Dolby Audio® and DTS Audio®, and downmixing into a Dante® audio-over-IP system. It enables full 4K source switching between four HDMI inputs, with output 1 passing the native multi-channel audio to high-end zones like a cinema or media room, while output 2 offers both video downscaling and 2ch downmixed audio for secondary areas such as guest cabins or crew quarters.

The SW42DA's Dante integration allows for up to 9.1ch audio breakout, making it easy to distribute premium audio throughout the vessels zones, regardless of speaker configuration. It also supports separate 2ch downmixed Dante and analogue outputs, ensuring every space gets the right audio format, whether full surround or stereo.

Its ability to breakout optical S/PDIF, multi-channel analogue, and balanced/unbalanced 2ch audio adds flexibility without requiring additional hardware. Compact and efficient, the SW42DA simplifies onboard AV design, making it perfect for sharing local content across a multi-zone distributed system.



2ch Audio



2ch Audio



2ch Audio



7.1ch Audio

SW42DA

4-Way HDMI Switcher With Multi-Channel Dante® Audio Breakout



Key Features

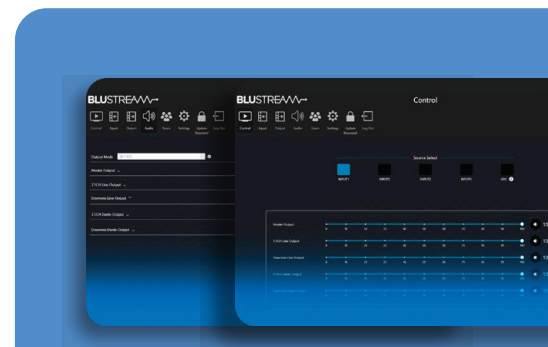
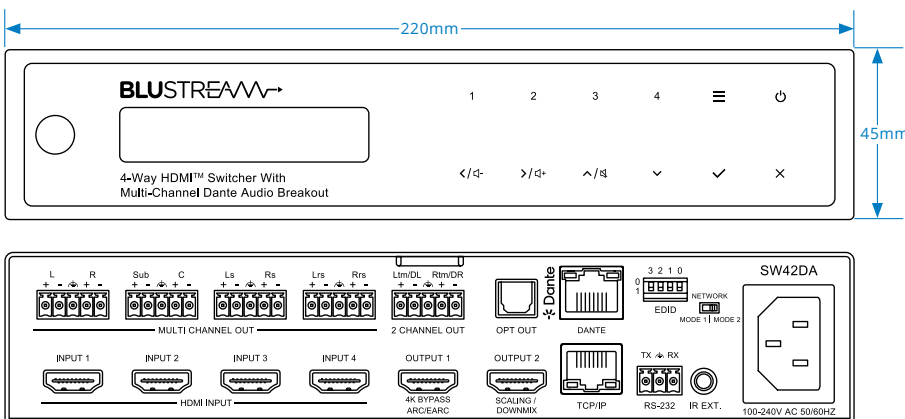
- Features 4 x HDMI inputs which can be switched to the dual HDMI outputs simultaneously
- Supporting Dolby Atmos® Technology
- Supports HDMI 2.0b 18Gbps specification, including 4K 60Hz 4:4:4 UHD video
- Supports distribution of the latest HDR resolutions including HDR10/10+ and Dolby Vision
- HDMI output 1 replicates the HDMI input signal - up to 4K 60Hz 4:4:4 and 5.1.4ch / 7.1.2ch Dolby Atmos® and DTS-HD multi-channel audio
- HDMI output 2 features an optional 4K video down-scaler, and 5.1.4ch / 7.1.2ch to 2ch Dolby Atmos® and DTS-HD audio downmixing
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos®, Dolby Digital Plus and DTS-HD Master Audio transmission
- HDMI audio breakout of Dolby Atmos® and DTS-HD to up to 8 channels of Dante audio (7.1ch), with an independent 2 down-mixed channels of Dante audio
- HDMI audio breakout of Dolby Atmos® and DTS-HD to up to 10 channels of Dante audio (7.1.2ch / 5.1.4ch)*
- HDMI audio breakout to 7.1ch balanced / unbalanced analogue audio outputs
- HDMI Dolby Atmos® and DTS-HD 7.1 down-mixing to 2ch balanced and unbalanced audio outputs
- Supports ARC/eARC including breakout to 7.1ch and 2ch downmixed analogue, and Dante audio
- Supports: 44.1, 48, 88.2 & 96kHz Dante® sample rates @ 24-bit
- Configurable Dante® device latency using Dante® Controller
- Supports AES67 RTP audio transport
- Control via TCP/IP, web-GUI, RS-232, front panel buttons, and infrared
- HDCP 2.3 compliant with advanced EDID management

*Dante® 2ch down-mix channels are re-allocated to additional 7.1.2/5.1.4 use

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Dimensions



Web GUI

The user interface has been designed to make control of the device intuitive and easy. Users can effortlessly manage switching and audio routing.