

Blackmagic Design Fairlight Audio Interface



Key Features

- For Postproduction Engineers
- Proprietary Fairlight Host Connectivity
- Inputs: 2 Mic/Hi-Z Pres, 8 Line, 20 AES
- Outputs: 12 Line, 24 AES

Expand the I/O of your DaVinci Resolve 17 system with the **Blackmagic Design Fairlight Audio Interface**, a 1 RU rackmount unit packed with analog and digital connections, preamps for mics and instruments, sample rate conversion, and sync at any standard frame rate. Equipped with 24-bit

Blackmagic Design DV/RFL/AUDIF Overview

*Expand the I/O of your DaVinci Resolve 17 system with the **Blackmagic Design Fairlight Audio Interface**, a 1 RU rackmount unit packed with analog and digital connections, preamps for mics and instruments, sample rate conversion, and sync at any standard frame rate. Equipped with 24-bit / 192 kHz AD/DA converters, extensive synchronization and control I/O, it exhibits high-grade sonic performance. The Fairlight Audio Interface is optimal for professional postproduction engineers in commercial studios and mixing stages.*

It features two high-gain mic/instrument preamps with switchable phantom power, an 8-channel DB25 line input, and 20 AES digital inputs, allowing it to accommodate a variety of analog and digital sources. Outputs include 12 channels of analog line-level outs and 24 AES digital channels to serve complex setups. The interface is also

outfitted with BNC ports for wordclock and video sync I/O, timecode and GPIO inputs and outputs on a DB25 connector, and RS-422 machine control ports.

For DaVinci Resolve 17 Systems

The Fairlight Audio Interface connects to the Fairlight Audio Accelerator PCIe card (required and available separately) with the supplied proprietary cable. It adds analog and digital connections, preamps for mics and instruments, sample rate conversion, and sync at any standard frame rate to your DaVinci Resolve 17 system.

10 Analog Inputs

The interface features two remote-controlled XLR/TRS microphone/instrument inputs with 48V phantom power and up to +71.5 dB of gain, perfect for clean recording of dynamic mics, studio condensers, and electric instruments. There are also eight +24 dBu balanced analog inputs on a DB25 connector. The front panel of the interface sports multi-segment meters for easy viewing of audio levels.

12 Analog Outputs

With eight line outputs on a DB25 connector and four line outs on 1/4" jacks, the Fairlight Audio Interface can provide +24 dBu analog signal to your mixer or dedicated recording system. All analog outputs are balanced and feature mute protection.

20x24 Digital I/O

The front panel offers RCA coaxial ports for stereo AES or S/PDIF input and output. The other digital audio connections for transformer-coupled AES inputs 3-20 and AES outputs 3-24 are on the rear. Sample rate conversion is available on digital inputs 1-2.

Synchronization I/O

- 75-ohm BNC reference input for Tri-Sync or Black Burst
- 75-ohm BNC reference loop out for Tri-Sync or Black Burst
- 75-ohm BNC wordclock input
- 75-ohm BNC wordclock regenerated output
- Syncs to all common frame rates and formats including HD Tri-level sync, video sync, word clock, and AES/EBU

Timecode and Control I/O

- RS-422 9-pin machine control input
- RS-422 9-pin machine control output
- DB25 connector to handle GPI and GPO connections for couch and On-Air control as well as timecode input and output with regeneration