

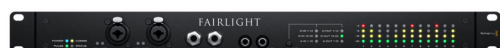
# BLACKMAGIC FAIRLIGHT AUDIO INTERFACE

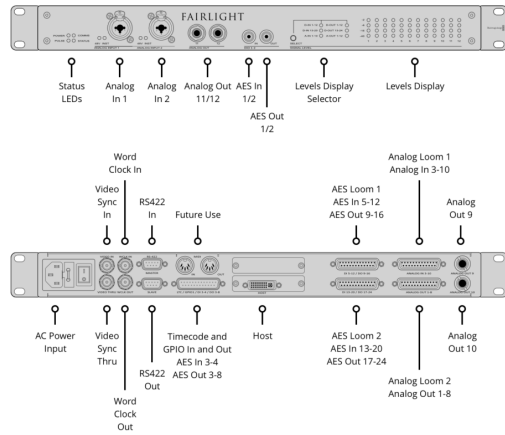


Fairlight Audio Interface is a professional audio post production I/O interface with an extensive variety of analog and digital inputs and outputs, preamps for microphones and instruments, built in sample rate conversion, sync at any standard frame rate and dual 9-pin control ports! Fairlight Audio Interface requires Fairlight Audio Accelerator and connects to the Fairlight Audio Interface with a supplied proprietary interface cable.

**Cena:**

**Kategorie:** [Video](#), [Broadcast](#), [Encodowanie i Streaming](#)





## GALLERY IMAGES



## OPIS

### Connections

#### Analog Audio Inputs

2 x remote controlled XLR/TRS microphone inputs with 48v phantom power / instrument preamps.

8 x +24dBu balanced analog inputs.

#### Analog Audio Outputs

12 x +24dBu balanced analog outputs with mute protection.

### **Digital Audio Inputs**

9 x fully transformer coupled AES stereo digital inputs.

1 x S/PDIF input with sample-rate conversion.

### **Digital Audio Outputs**

11 x AES stereo digital outputs.

1 x stereo digital S/PDIF output.

Standard 25pin Tascam interface for Analog and AES looms.

### **Sync Input**

1 x 75 ohm BNC Reference input. Tri-Sync or Black Burst.

1 x 75 ohm BNC word clock input.

### **Sync Output**

1 x 75 ohm BNC Reference loop out. Tri-Sync or Black Burst.

1 x 75 ohm BNC word clock regenerated output.

Sync to all common frame rates and formats including HD Tri-level sync, video sync, word-clock and AES/EBU.

### **Device Control**

1 x RS-422 9-pin machine control input.

1 x RS-422 9-pin machine control output.

### **Timecode**

Timecode input and output with regeneration.

## **MIDI**

For future use

## **GPIO**

GPI and GPO connections for cough and 'On-Air' control

## **Product Specifics**

### **Sample Rate:**

44.1, 48, 96, 192 kHz

### **Max Input:**

Inputs 1-2 (mic): +2.5dBu

Inputs 1-2 (instrument): +24dBu

Inputs 3-10 (Line): +24dBu

### **Gain Range:**

Inputs 1-2: Mic Inputs: 50dB gain range (+21.5 to +71.5dB)

Inputs 1-2 : Instrument Setting: 50dB gain range (+0 to +50dB)

### **Mic E.I.N (unweighted):**

Inputs 1-2: -127dBu @40dB (61.5dB)

Gain: 150 ohm source, 20Hz - 20kHz THD+N (mic input)

Inputs 1-2: <0.001%@ 1kHz, -1 dBFS at 0dB gain

Inputs 1-2: <0.004%@ 1kHz, -1 dBFS at 40dB (61.5dB) gain

**THD+N (line input):**

Inputs 1-2: <0.001%@ 1kHz, -1 dBFS after 0dB gain (unweighted)

Inputs 3-10 : <0.001 % @ 1 kHz (unweighted)

**Dynamic Range (line input)**

Inputs 1-2 : 108dB @ 0dB gain (unweighted)

Inputs 3-10: 110dB (unweighted)

**Input Frequency Response**

+0.05/-0.05dB, 20Hz - 20kHz

**Input Impedance:**

Inputs 1-2 (XLR) : 2k ohm

Inputs 1-2 (1/4"): >1M ohm

Inputs 3-10: 15k ohm

**Max Output:**

Outputs 1-12: +24 dBu

**THD+N (Line Outputs):**

Outputs 1-12: <0.002%

**Dynamic Range (Line Output):**

Outputs 1-12 : 109 dB (unweighted)

**Output Frequency Response:**

+0.05/-0.5dB, 20Hz - 20kHz

**Output Impedance:**

Outputs 1-12 : 50 ohms

**Operating Systems**

Mac 10.15 Catalina or later.  
Windows 10, 64-bit.

**Power Requirements****Power Supply**

Internal 100 - 240V AC 50/60Hz with IEC C14 mains input.

**Power Usage**

40W

**Power Management**

Automatically powered-on/off only when the Fairlight Audio Accelerator is powered on.

**Physical Specifications****Environmental Specifications****Operating Temperature**

0° to 40°C (32° to 104°F)

**Storage Temperature**

-20° to 60°C (-4° to 140°F)

**Relative Humidity**

0% to 90% non-condensing

**What's Included**

Fairlight Audio Interface

Fairlight Audio Interface multi-pin cable to connect to Fairlight Audio Accelerator.

**Warranty**

1 Year Limited Manufacturer's Warranty.