

**F**ireOne is an audio interface plus DAW controller with shortcut keys and a weighted and illuminated jog wheel to inspire creative interaction with the artist's music. It is the first stereo audio interface in its class that records two mic ins and two outs over FireWire at 192-kHz/24-bit audio resolution. The two mic inputs offer phantom power and pad switches and a front panel guitar input allows convenient direct recording of guitar or bass. MIDI input and output are also provided for 16 channels of MIDI.

The most unique feature of the unit is its large, weighted, backlit jog wheel, which allows musicians to zip through their song while the backlight provides useful feedback such as a visual metronome. The FireOne also has transport keys and eight shortcut keys to control functions in most popular DAW applications. Multitrack recording software is supplied as standard, so you'll be set to go right out of the box.



- ▶ **Compact, portable Control Interface with Audio/MIDI I/O**  
For convenient transport control of your recording application plus audio and MIDI recording or playback with a notebook on the road
- ▶ **Up to 24-bit audio resolution, up to 192 kHz sampling frequency**  
Audiophile recording quality captures every detail and nuance
- ▶ **2 analogue audio inputs (XLR/TRS combo connectors)**  
Record from line sources, dynamic or studio condenser microphones
- ▶ **+48V phantom power**  
No need for batteries in your condenser microphones
- ▶ **Input B switchable to high impedance for electric guitar and bass**  
Right on the front panel – plug in and jam!
- ▶ **Left and Right audio outputs**  
Connect to your monitor system or an analogue stereo recorder
- ▶ **2 headphone output connectors with separate level controls**  
Right on the front panel – listen to your recordings with a friend
- ▶ **1 MIDI input, 1 MIDI output**  
MIDI easily connects to your DAW application
- ▶ **Virtual MIDI through FireWire**
- ▶ **Transport control keys**  
Control your DAW application comfortably like a hardware recorder
- ▶ **Large jog dial**  
Use a real control for jog/shuttle playback and search
- ▶ **8 assignable function keys**  
Quickly access frequently-used functions of your DAW application
- ▶ **12-segments stereo LED meter**
- ▶ **Foot switch connector (for RC-30P or similar)**  
Use an optional foot switch for hands-free recording
- ▶ **Buspower operation through 6-pin FireWire connection**  
No mains power needed when used with such connection
- ▶ **Low voltage (AC adapter) input**  
For power supply when used with 4-pin FireWire connection



# FireOne

## DAW Controller with Audio/MIDI Interface

### Specifications

Audio performance	
Quantization	16-bit / 24-bit
Sampling Rate	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz / 176.4 kHz / 192 kHz
Frequency Response (Nominal level, MIC IN to LINE OUT)	
44.1 kHz / 48 kHz	20 Hz – 20 kHz, $\pm 1$ dB
88.2 kHz / 96 kHz	20 Hz – 40 kHz, +0.5 dB / -4 dB
176.4 kHz / 192 kHz	20 Hz – 80 kHz, +0.5 dB / -20 dB
Noise Level (22 Hz – 22 kHz, Inputs 150-ohm terminated, TRIM max., MIC IN to LINE OUT)	< -55 dBu
Dynamic Range (TRIM min., 22 kHz LPF, MIC to LINE OUT)	105 dB(A)
Total Harmonic Distortion, THD+N (1 kHz input, TRIM min., max. level, 22 Hz – 22 kHz, 22 kHz LPF, MIC IN to LINE OUT)	< 0.01 %
Crosstalk (1 kHz, inputs 150-ohm terminated, MIC IN to LINE OUT)	< 80 dB
Latency (MIC IN to LINE OUT, MIX control in position COMPUTER)	
44.1 kHz	< 1.5 ms
88.2 kHz	< 0.7 ms
176.4 kHz	< 0.4 ms

Analogue audio inputs and outputs	
MIC inputs (combo connectors)	
Nominal impedance	1.3 kohm (balanced)
Nominal level	-60 dBu (Trim max.) to -13.8 dBu (Trim min.)
Headroom	16 dB
Maximum gain	46.2 dB
Pad	20 dB
Phantom Power	+48 V, 10 mA
LINE inputs	
Nominal impedance	10 kohm (balanced)
Nominal level	-42.2 dBu (Trim max.) to +4 dBu (Trim min.)
Headroom	16 dB
Maximum gain	46.2 dB
Pad	18 dB
GUITAR input	
Nominal impedance	1 Mohm
Nominal level	-56.2 dBV (Trim max.) to -10 dBV (Trim min.)
Headroom	16 dB
Maximum gain	46.2 dB
LINE outputs	
Nominal impedance	100 ohm
Nominal level	-10 dBV
Maximum level	+6 dBV
Headphone outputs	
Load impedance	32 ohm
Maximum level (1 % distortion)	+4.7 dBu
Maximum output power	55 mW + 55 mW

Other inputs and outputs	
MIDI I/O	5-pin DIN connector
Format	MIDI standard
FireWire	
Format	IEEE1394 connector (6-pin)
Format	IEEE1394
Baud rate	400 Mbps
Footswitch	6.3-mm jack
Nominal impedance	100 kohm
Nominal level	TTL

System requirements	
Supported operating systems	
Windows XP (x32, x64)	
Macintosh OS X (Universal Binary)	
Compatible applications	
Ableton Live 6 (Windows, Macintosh)	
Nuendo 3 (Windows, Macintosh)	
Cubase LE (Windows, Macintosh)	
Cubase SX3 (Windows, Macintosh)	
Sonar 5 (Windows)	
Digital Performer 4.6 (Macintosh)	
Pro Tools 7 (Windows, Macintosh)	
Logic Pro 7 (Macintosh)	
Final Cut Pro 5 (Macintosh)	
Adobe Premiere Pro 2.0 (Windows)	
Supported drivers	
ASIO 2.0 (Windows)	
WDM (Windows)	
GSIF 2 (Windows)	
Core Audio (Macintosh)	

Power supply and other specifications	
AC Adapter	PS-P55
Input voltage	230 V AC, 50 Hz (Europe, Asia)
Output voltage	9 V DC
Power consumption	2 W
Dimensions (W x H x D)	261 mm x 168 mm x 54 mm
Weight	1.2 kg



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