



# FIREWIRE SOLO

## FireWire Mobile Audio Interface for Songwriters/Guitarists



### PRELIMINARY

The information on this document is preliminary and subject to change when final specifications have been determined.

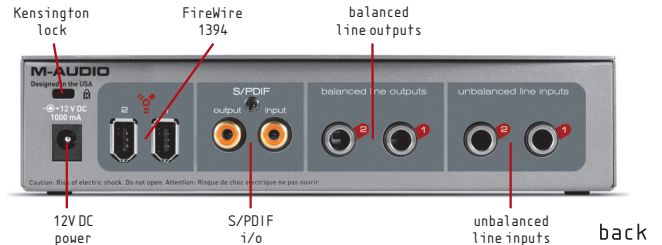
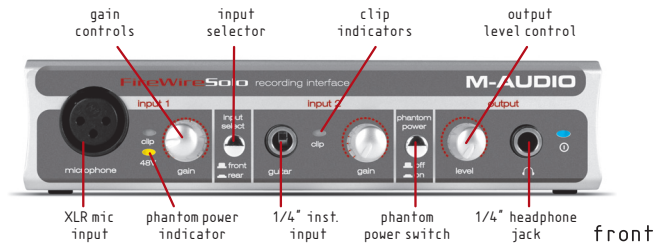
	FireWire connectivity
	1/4" guitar input
	XLR microphone input
	digital I/O
	bus powered
	headphone output
MSRP:	\$249.95
code:	US35030
unit dims:	7.28" x 1.69" x 5.67"
pack dims:	18.5cm x 4.3cm x 14.4cm
wgt:	2.2 lbs (.95 kg)
pack case pack:	12.8" x 9.2" x 2.75" 35.5cm x 23.6cm x 7cm
case pack:	10 units
case wgt:	22 lbs (9.5 kg)

The FireWire Solo is designed from the ground up as an easy-to-use, high-quality interface for songwriters to record guitar, vocals and more on the computer. Compatible with most popular music software, this compact bus-powered unit is small enough to go anywhere you want to take your music. In addition to the 1/4" guitar input right on the front panel, a professional XLR microphone input lets you record vocals and acoustic guitars. There are also dual line inputs for effects, drum machines and other outboard gear. FireWire connectivity, up to 24-bit/96kHz and digital I/O all add up to outstanding sonic performance. As simple to connect and operate as it is powerful, FireWire Solo is the foundation of your computer-based songwriting studio.



### features

- > 6 x 4 24-bit/96kHz audio interface
- > front-panel microphone in (XLR) with: phantom power gain control clip LED
- > front-panel guitar input (1/4" unbalanced) with: gain control clip LED
- > 2 line inputs (1/4" unbalanced) on rear panel
- > front-panel switch toggles front/rear inputs
- > 2 line outputs (1/4" TRS balanced/unbalanced)
- > S/PDIF digital I/O (coax) with 2-channel PCM
- > digital I/O also supports pass-through of AC-3/DTS surround-encoded content
- > stereo headphone output (1/4" TRS) with level control
- > flexible software-based routing/mixing with near-zero latency monitoring
- > dual FireWire ports for each device chaining
- > FireWire bus-powered (+12VDC power supply optional)
- > ASIO2, WDM, GSIF2, MME and Core Audio compatibility
- > rack-mountable metal chassis
- > Kensington lock port
- > Mac and Windows compatible
- > FireWire cables included



### specifications and minimum system requirements

<b>General</b> > Sample Rates 44.1, 48, 88.2, and 96kHz <b>Line Inputs</b> > Max Input +2.2dBV (1.3Vrms) > Signal to Noise Ratio -102dB @ 48kHz (a-weighted) > Dynamic Range 102dB @ 48kHz (a-weighted) > THD + N 0.0061% (-84 dB), 1kHz, -1dBFS @ 48kHz > Frequency Response +/-0.2dB, 20Hz to 20kHz @ 48kHz > THD+N (min gain) +/-0.3dB, 20Hz to 40kHz @ 96kHz > Impedance -116dB, 1kHz, channel-to-channel > Crosstalk 14k Ω <b>Microphone Input</b> > Available Gain 40dB > Input Range -42 to -2dBu (0.01 to 0.6Vrms) > Signal to Noise Ratio (min gain) -101dB @ 48kHz (a-weighted) > Dynamic Range (min gain) 101dB @ 48kHz (a-weighted) > THD+N (min gain) 0.0049% (-86 dB), 1kHz, -1dBFS @ 48kHz > Frequency response (min gain) +/-0.25dB, 20Hz to 20kHz @ 48kHz > Impedance +/-0.3dB, 20Hz to 40kHz @ 96kHz > 1.5k Ω <b>Instrument Input</b> > Available Gain 40dB > Input Range -28 to +12dBV (0.04 to 4.0Vrms) > Signal to Noise Ratio (min gain) -101dB @ 48kHz (a-weighted) > Dynamic Range (min gain) 101dB @ 48kHz (a-weighted) > THD+N (min gain) 0.0079% (-82 dB), 1kHz, -1dBFS @ 48kHz > Frequency response (min gain) +/-0.25dB, 20Hz to 20kHz @ 48kHz > Impedance +/-0.3dB, 20Hz to 40kHz @ 96kHz > 270k Ω	<b>Line Outputs</b> > Max Output (balanced) +10.2dBu (2.5Vrms) > Max Output (unbalanced) +2.0dBV (1.26Vrms) > Signal to Noise Ratio -10 dB @ 48kHz (a-weighted) > Dynamic Range 107dB @ 48kHz (a-weighted) > THD + N 0.0024% (-92.5 dB), 1kHz, -1dBFS @ 48kHz > Frequency Response +/-0.2dB, 20Hz to 20kHz @ 48kHz > THD+N +/-0.3dB, 20Hz to 40kHz @ 96kHz > Crosstalk -118 dB, 1kHz, channel-to-channel > Impedance (balanced) 300 Ω > Impedance (unbalanced) 150 Ω <b>Headphone Outputs</b> > Max Output -2.0dBV (0.8Vrms) into 32 Ω > Signal to Noise Ratio -106dB @ 48kHz (a-weighted) > Dynamic Range 105dB @ 48kHz (a-weighted) > Frequency Response +/-0.2dB, 20Hz to 20kHz @ 48kHz > THD+N +/-0.3dB, 20Hz to 40kHz @ 96kHz > Crosstalk -86dB, 1kHz, channel-to-channel > Output Impedance 75 Ω > Working Headphone Impedance 32 to 600 Ω
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