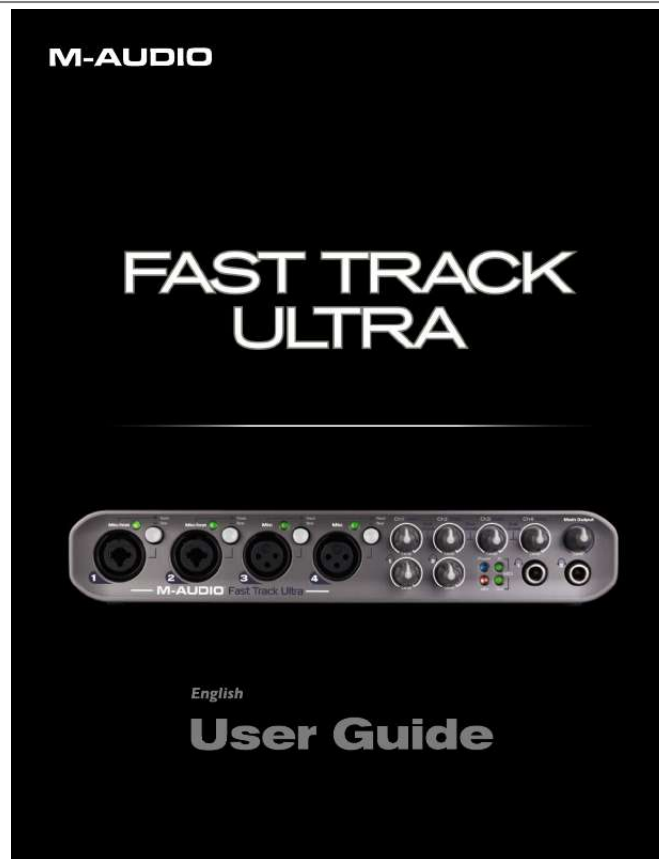




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for M-AUDIO FAST TRACK ULTRA. You'll find the answers to all your questions on the M-AUDIO FAST TRACK ULTRA in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual M-AUDIO FAST TRACK ULTRA
User guide M-AUDIO FAST TRACK ULTRA
Operating instructions M-AUDIO FAST TRACK ULTRA
Instructions for use M-AUDIO FAST TRACK ULTRA
Instruction manual M-AUDIO FAST TRACK ULTRA



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Manual abstract:

Fast Track Ultra was created with the home or portable studio user in mind. With two high-quality microphone/instrument preamps and two more studio-grade microphone preamps, Fast Track Ultra gives you a great sounding, easy-to-use interface for your digital audio software. The convenient front panel combo XLR/TS inputs can accommodate microphone or instrument levels, with switchable phantom power and individual 20dB pads. The rear panel offers you insert points for inputs one and two, six balanced TRS analog inputs and six balanced TRS analog outputs, as well as dedicated S/PDIF inputs and outputs, for a total of eight inputs and eight outputs. The front panel is also set up for easy monitoring, and features two headphone outputs with independent level controls, input signal and clipping indicators, MIDI input and output LEDs, and phantom power indicators, making Fast Track Ultra an ideal solution for beginning and advanced computer recording users. Even if you're an experienced musician and digital recording enthusiast, please take some time to read through this User Guide and familiarize yourself with the features and operation of Fast Track Ultra. You may also want to refer to your audio software's documentation to better understand how Fast Track Ultra may be integrated with the program. Your experience and enjoyment of your Fast Track Ultra will be greatly enhanced by a good working knowledge of your audio software.

2 What's in the Box Fast Track Ultra Your Fast Track Ultra package contains the following: Printed Quick Start Guide Ableton Live Lite CD USB Cable M-Audio Fast Track Ultra CD, including drivers and this User Guide 5VDC 2000mA power supply Fast Track Ultra User Guide 2 3 Fast Track Ultra Features Two front-panel balanced/unbalanced Mic/Instrument Inputs on combo XLR/TS jacks Two front-panel balanced Mic inputs on XLR jacks Four Mic/Line input switches Four high-quality microphone preamps, based on M-Audio's acclaimed Octane technology Six balanced/unbalanced line inputs on TRS jacks Two inserts on TRS jacks Six balanced/unbalanced line outputs on TRS jacks Phantom Power switch with front-panel indicator LED Stereo S/PDIF digital I/O on coaxial jacks Two stereo headphone jacks with individual level controls Two-color front-panel Signal/Clip indicators MIDI Input and Output with front-panel MIDI I/O indicators Supports sample rates up to 96kHz, with full 24-bit resolution Four mic pre input level controls with 20dB pads Output Level control for outputs 1/2 Power LED Side-panel Kensington lock port Onboard DSP effects Flexible routing with 16x8 internal mixer Driver support for WDM/MME, ASIO2 (Windows XP, Windows Vista (32-bit editions)) and CoreAudio (MacOS X (v10.3.

9 / 10.4.10 or later) IMPORTANT NOTE: Fast Track Ultra has been designed as a USB 2.0 device. It may be used with a USB 1.

1 port, but will then only function as a 2-in/2-out device with sample rates limited to 44.1 and 48 kHz. This is due to the limitations of the USB 1.1 bus bandwidth. IMPORTANT NOTE: Fast Track Ultra can be powered via the included AC power supply or via bus power from the host computer. However, when running on bus power, Fast Track Ultra will be limited to four inputs and four outputs. These are mapped to inputs 1/2, outputs 1/2, and the S/PDIF I/O. Fast Track Ultra User Guide 3 4 Minimum System Requirements Windows Fast Track Ultra is supported under Windows XP with Service Pack 2 or later, or Windows Vista (32-bit editions). It is not supported under Windows 2000, Windows 98, 98SE or Windows ME. @@@@This is due to the limitations of the USB 1.1 bus bandwidth. A Note About System Upgrades: Please check the M-Audio driver download page at <http://www.m-audio.com/drivers> for the availability of an updated driver before you decide to install operating system updates. Before new M-Audio device drivers are released, they are tested for use with the operating system versions that are available at that time.

When updates for an operating system are released by Microsoft or Apple, all M-Audio device drivers have to be re-tested and possibly updated to ensure proper operation. M-Audio recommends refraining from installing operating system updates until a driver has been posted to the M-Audio website for that specific operating system. Fast Track Ultra User Guide 4 5 Controls and Connectors Front Panel 1 . Microphone/Instrument Inputs 1 and 2 (Mic/Inst) These combo connectors provide mic- or instrument-level inputs for analog channels 1 and 2. Each input will accept a low-impedance mic level signal on a standard three-pin balanced XLR plug, or a high-impedance instrument level signal on an unbalanced 1/4" TS plug. 2 . LED Level Meters these dual-color LEDs glow green when an input signal of -20dbfs is present at the corresponding channel. Reduce the Input Gain level if the LED glows red. 3 . Microphone Inputs 3 and 4 (Mic) these XLR connectors provide mic-level inputs for analog channels 3 and 4.

4 . Front/Rear (Mic/Line Level) Switches (Front / Rear) these switches select between the front-panel XLR inputs 1 , 3 and rear-panel line inputs 22 as the source for analog audio channels 1 through 4. 5 . Mic/Instrument Gain/Pad 1-4 (Gain) these knobs adjust the mic or instrument level input gain for channels 1 through 4. Pulling the knob out will engage a 20 dB pad on the Mic and Instrument input.

Pushing the knob in will disengage the pad. 6 . Headphone Output Knobs (1 / 2) these two knobs control the volume level for the two headphone outputs 11. 7 . Power LED (Power) this blue LED lights when the power button 13 has been pressed and power is being received, either from the USB bus or the external power supply.

8 . Phantom Power LED (48V) this red LED lights to indicate that the phantom power switch 14 has been pressed, applying +48V phantom power to the mic inputs. 9 . MIDI Input LED (MIDI In) this green LED lights when MIDI data is present at the MIDI input 19 . 10 . MIDI Output LED (MIDI Out) this green LED lights when MIDI data is present at the MIDI output 18 . 11 . Headphone Outputs (1 / 2) These two 1/4-inch stereo (TRS) jacks are independent of the main audio output level, and are controlled by the headphone output knobs 6 . 12 . Main Output Knob (Main Output) this knob controls the main output level (outputs 1/2).

Fast Track Ultra Rear Panel User Guide 5 13 . Power Button (Power) Pressing this button will power on Fast Track Ultra, illuminating the front-panel Power LED 7 . @@@@This output will also support pass-through of AC-3 or DTS encoded surround formats. . NOTE: When AC-3 or DTS encoded signals are passed through this output, all analog inputs and outputs will be muted. 17 . 18 . 19 . 20 . 21 . 22 .



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3 dB @ 48 kHz sample rate -103 dB, A-weighted 0.002% @ -1dBFS, 1kHz +3.4 dBU balanced +1.2 dBV, unbalanced Impedance: 20K Ohm balanced 10K Ohm unbalanced Crosstalk: Headphone Outputs Frequency Response: SNR and Dynamic Range: THD+N: Working Range: Maximum Output Level: Crosstalk: Microphone Input Pre-amp Gain: SNR (min gain): Dynamic Range (min gain): THD+N (min gain): Freq. Response (min gain): Sensitivity: Phantom Power: Switchable Pad: Instrument Input Pre-amp Gain: Impedance: SNR (min gain): Dynamic Range (min gain): THD+N (min gain): Freq. @@@@All rights reserved. Product features, specifications, system requirements and availability are subject to change without notice. Avid, M-Audio and Fast Track Ultra are either trademarks or registered trademarks of Avid Technology, Inc. All other trademarks contained herein are the property of their respective owners. Fast Track Ultra Tested to comply with FCC standards FOR HOME OR STUDIO USE
WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. M-Audio USA Technical Support 5795 Martin Rd., Irwindale, CA 91706 web . .

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