

CUNNING'S RECORDING ASSOCIATES

for all your recording requirements

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M-Audio MicroTrack 24/96

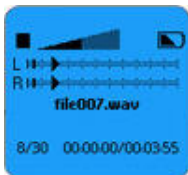
Professional Stereo Handheld Solid State Recorder

The MicroTrack is a rugged high quality mobile 2-channel digital recorder that records WAV and MP3 files to CompactFlash or microdrives—perfect for everything from professional field recording to corporate meetings, training, education and worship. Record via balanced line inputs or built-in high-fidelity microphone preamps for studio-quality mics. Connect MicroTrack to a PC or Mac via USB and simply drag and drop recordings to your computer for immediate editing or Web posting. Power derives from a lithium-ion battery, and the unit can recharge via the computer's USB connection or USB power adapter. The MicroTrack combines quality beyond that of DAT recording with the convenience and cost-effectiveness of personal digital recorders for the ultimate solution in mobile recording.



Like many of today's digital cameras, MicroTrack records to CompactFlash or microdrives. Recording capacity is based on the recording format selected and the size of the media. An affordable upgrade to a 1GB CompactFlash card or microdrive, for example, will hold approximately 100 minutes of uncompressed CD-quality 16-bit stereo 44.1kHz WAV files. That same 1GB media will store 1500 minutes of stereo speech-quality MP3 audio at 96kbps. Of course, you can use and swap out whatever capacity media suits your needs.

You can record as many unique files as the capacity of your available storage allows. Then just connect MicroTrack to your PC or Mac via USB, and it appears as a USB mass storage device showing the unique identification number of each file. Just drag and drop the files to your computer's hard drive and your audio is ready to edit and/or post to the Web. The included Audacity software even gives you the power to easily edit your files and convert between file formats. And MicroTrack's ability to record directly to MP3 files and transfer them instantly to the computer means that you can e-mail or post high-quality recordings to the Web immediately.



For ease of use MicroTrack is powered via long-life lithium-ion batteries. You can record for approximately four to five hours on a single charge (or about three hours with phantom power engaged). Recharge the battery by simply connecting MicroTrack to a PC or Mac via USB, or using the power supply included.

At about the size and weight of a deck of cards, MicroTrack will go anywhere you need to record—but don't let its small size fool you. Thanks to leaps in miniaturization, this rugged device is in the same class as our critically acclaimed audio interfaces. Pro-quality preamps complete with phantom power will work with your favorite condenser microphones virtually anywhere you need to capture audio—all the way up to 24-bit/96kHz.



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Balanced 1/4" TRS line inputs also make it easy to take a feed directly from a studio or club mixer and S/PDIF input means that you can even record the output of digital mixers and do transfers from other digital recording/storage devices.

The MicroTrack represents a far better way to acquire audio than DAT, especially in the field. For starters, MicroTrack's media and electronics are all solid state, making them significantly more compact, reliable and resilient. Where delicate DAT tapes are comparatively hard to find, CompactFlash and microdrives are readily available, and the price per megabyte keeps plummeting. Perhaps even more compelling, audio data transfers from MicroTrack to your computer almost instantly—no more waiting around for real-time DAT transfers.



Main Features

- 2-channel WAV and MP3 recording to convenient CompactFlash or microdrives
- Immediate drag-and-drop file transfer via USB
- Powered via USB, or internal lithium-ion battery - Recharge with USB or PSU
- Battery Life: 7 hours playback; 4-5 hours recording; 3 hours with phantom
- Separate left and right input level controls
- Balanced 1/4" TRS inputs with mic/line switch
- Dual microphone preamps & S/PDIF coaxial input for digital transfers
- Monitoring via RCA line outputs or 3.5mm headphone out
- Large LCD for navigation and statistics
- Dedicated buttons for navigation and transport
- Level meters display levels in Rec Pause for level setting
- Easily adjust levels during recording
- Includes software for editing and file format conversion
- 64MB CompactFlash card included



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Specifications

General

| | |
|-------------------------------|--|
| MP3 recording: | 96 to 320kbps at 32, 44.1 or 48kHz |
| PCM recording: | 16 or 24-bit at 32, 44.1, 48, 88.2 or 96kHz |
| storage capacity: | variable based on data rate and storage medium |
| battery life before recharge: | 7 hours playback 4-5 hours recording via line in or dynamic microphone 3 hours recording with phantom power engaged *using CompactFlash card at 16-bit/44.1kHz. Battery life varies with different media and microphones |

Size

| | |
|------------|--|
| Width: | 61mm or 2.4" |
| Height: | 109.5mm or 4.3" |
| Thickness: | 28.5mm or 1.12" over the LCD. |
| Weight: | 4.9oz or 138.9 grams without CF card; 5.2oz or 147.4 grams with CF card |

1/8" Mic Input

| | |
|-------------------------------------|---------------------------------|
| Input Level: | -14dBV |
| Signal-to-Noise Ratio: | -98dB, A-weighted |
| Dynamic Range: | 98dB, A-weighted |
| THD+N: | 0.003% (-90dB) @ -1dBFS, 1kHz |
| Channel-to-Channel Crosstalk (Bal): | < -100dB |
| Frequency Response: | 20Hz to 20kHz, +/- 0.5dB |
| Preamp Gain: | >34dB |
| stereo electret condenser power: | electret condenser power enable |

1/4" Mic/Line Inputs

| | |
|-------------------------------------|--|
| Maximum Input Level: | +4.3dBu, balanced; +2.1dBV, unbalanced |
| Signal-to-Noise Ratio: | -100dB, A-weighted |
| Dynamic Range: | 100dB, A-weighted |
| THD+N: | 0.003% (-90dB) @ -1dBFS, 1kHz |
| Channel-to-Channel Crosstalk (Bal): | < -100dB |
| Frequency Response: | 20Hz to 20kHz, +/- 0.3dB @ 48kHz sample rate |
| Pre-amp Gain: | > 55dB |
| Phantom Power: | switchable phantom power |

Line Outputs

| | |
|-------------------------------------|--|
| Maximum Output Level: | +2dBV, unbalanced |
| Signal-to-Noise Ratio: | -102dB, A-weighted |
| Dynamic Range: | 102dB, A-weighted |
| THD+N: | 0.00265% (-91.5dB) @ -1dBFS, 1kHz |
| Channel-to-Channel Crosstalk (Bal): | < -100dB |
| Frequency Response: | 20Hz to 20kHz, +/- 0.3dB @ 48kHz sample rate |

Headphone Output

| | |
|-----------------|-------------------------------------|
| Maximum Output: | -2.0dBV at THD < 0.02% into 32 ohms |
| Working Range: | 16 ohms to 600 ohms |

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M-Audio MicroTrack 24/96



MicroTrack 24/96 Accessories



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