

Featuring Multi I/O FireWire™ or PCI Bus: The state of the art in digital audio interfaces

With the EWS MIC 2/MIC 8 series, TerraTec Producer offers a line of digital audio interfaces boasting state-of-the-art, astonishingly versatile technology and built-in microphone inputs in premium SPL quality. The EWS MIC 2/MIC 8 series is one of the world's most advanced and most powerful digital audio interface solutions. Satisfying all standards for professional studios and offering 24 Bit/96 kHz PHASE 88 PCI bus card (or FireWire™) and ADAT™ interfaces, EWS MIC 2/ MIC 8 systems are tailor-made for audio, video and interactive media applications. Developed in cooperation with SPL – the renowned specialist for professional studio equipment – EWS MIC 2/MIC 8 systems deliver audio in a level of quality



previously unrivalled in this price class. The finest analog circuits married to sophisticated digital signal processing - EWS MIC 2/MIC 8 systems afford musicians the best of both worlds in a single device!

The audio center for any production environment

The systems' open, modular interfaces connect to external equipment via PHASE 88 PCI bus card (or FireWire™) and ADAT™, the latter being the preferred option in studios. And that makes EWS MIC 2/ MIC 8 devices the flexible switching center for every studio. In addition to eight analog inputs and outputs, the 1 HU 19" chassis features digital ADAT™ and S/PDIF ports, a MIDI interface, and a WordClock (BNC) port, as well as an adjustable headphones output on the front panel.

Individual configuration of your recording sessions

At the heart of the system is a microphone preamp stage powered by low-noise operational amplifiers. The EWS MIC 8 sports eight of these amplifiers, while the EWS MIC 2 offers two. All eight inputs on both devices can also accept line signals. The front panel offers two audio channels equipped with XLR/ 1/4" (combo) inputs. The many signal routing options enable recordists to configure their studio setups flexibly for the most diverse recording sessions without having to re-connect signal-carrying cords! All inputs and outputs are balanced for lowest noise signal routing. The rack module is equipped

with intensity controls for all input channels, and the channels can be muted separately or routed directly to the corresponding output. This means that without computers, the system can serve in numerous applications as a no-fuss standalone preamplifier as well as a convenient mixer.

EWS MIC 2/8 systems ship with easy-to-use control panel software offering comprehensive routing and signal conversion options, making these interfaces the nerve center of every recording application. Analog, S/PDIF and even ADAT™ signals can be converted and routed flexibly via mouse click. Advanced WDM, ASIO, and GSIF (PCI version only) drivers ensure the software runs smoothly on all current operating systems for Macintosh and Windows computers.





PCI VERSION
UPGRADEABLE
TO FIREWIRE

MIC 2 / MIC 8 SERIES

real competence

Technical Data

19" Module

- External 19" module with integrated power supply and automatic voltage/frequency detection
- PCI Bus and ADAT™ interface (FireWire™ interface optional)
- 24 Bit/96 kHz A/D converter with 105 dB (A) SNR*, typically 106 dB (A) @ 48 kHz
- 24 Bit/96 kHz D/A converter with 106 dB (A) SNR*, typically 109 dB (A) @ 48 kHz
- 8 channels analog I/O, balanced XLR plus 6.3 mm jacks (Neutrik combo) - balanced
- 8 front panel gain knobs for analog inputs (20 dB control range)
- 8 front panel input signal and clipping LEDs
- 2 front panel XLR plus 6.3 mm (1/4") Mic INs as alternatives to inputs 7 and 8 (auto priority)
- Switchable input for microphone and line/instrument levels
- 8 high-quality microphone preamps (2 on the EWS MIC 2), developed in cooperation with SPL Germany
- Front panel Direct Out switch for all analog channels
- Phase, Low Cut (subsonic noise filter) and Mute buttons for every microphone channel

- 48 volt phantom power for all microphone channels
- Front panel headphones output for master signal monitoring (separate DAC/amplifier)
- ADAT™ I/O interface (Light Pipe/TOS Link)
- TOS Link interface for ADAT™ and S/PDIF formats
- Each stereo pair can be routed separately to ADAT™ or analog audio
- 2 separate MIDI interfaces with 32 channels in total
- WordClock I/O (BNC) with auto detection
- Globally switchable +4 dBu/-10 dBv output level
- Flexible connection options: FireWire™, PHASE 88/EWS88 PCI card or ADAT™ interface
- EWS MIC 2 and EWS MIC 8 can also be operated without a computer (e.g., as a Mic. preamp, ADAT™ AD/DA interface, DI box, etc.)

PCI Bus Card

- Busmaster transfer support, 24 Bit 4 Byte mode (32 Bit)
- Simultaneous recording and playback of 16 channels at up to 24 Bit/96 kHz
- 2 channel digital input (S/PDIF, coax with up to 24 Bit/96 kHz)
- 2 channel digital output with (S/PDIF, coax with up to 24 Bit/96 kHz)
- 20 channel mixer with 36 Bit internal resolution
- EWS Connect® port**
- Non-Audio Mode for transmitting AC3 or DTS streams via digital interfaces
- Control panel features a dedicated hardware VU for each channel
- 4 m connecting cable to the MIC 19" module

Software/Driver

- WDM driver for Windows 98SE/ME/2000 (PCI version only) and Windows XP
- Core Audio and Core MIDI support for Mac OS 10 (X)
- ASIO 2.0 and GigaStudio (GSIF) support (PCI version only)
- ASIO/GSIF Multi-Client mode
- WDM Kernel Streaming, e.g. for Sonar™
- MME and DirectSound support
- Control panel for Windows 98SE/ME/2000 XP and Mac OS X

System Requirements PC

- Pentium III 800 MHz or higher
- 128 MB RAM
- PCI version: Windows 98SE, ME, 2000 or XP
- FireWire™ version: Windows XP with Service Pack 1 (SP1)

System Requirements MAC

- G4 800 MHz or higher
- 256 MB RAM
- MAC OS 10 (X)

System Recommendations PC

- Pentium4 2 GHz, Celeron 2 GHz or AMD AthlonXP 2000 2 GHz
- 512 MB RAM
- Windows XP with Service Pack 1 or higher

System Recommendations MAC

- G5 1.8 GHz
- 512 MB RAM
- MAC OS X Panther 10.3 or higher

*) This information depends on the technical data of the converter used

***) You can cascade and synchronize PHASE 88, EWS 88 MT/D and EWS MIC 2/8 PCI audio systems. You can control up to four systems in one PC with only one driver and one Control Panel.



FEATURE HIGHLIGHTS:

- 8 balanced analog XLR inputs
- 8 balanced analog XLR outputs
- 24 Bit/96 kHz AD/DA converters
- High-quality microphone pre-amp developed in cooperation with SPL
- Gain controls for all input channels
- ADAT™ digital I/O and S/PDIF digital optical I/O
- 2 separate MIDI interfaces
- PCI or FireWire™ interface alternatively