

AudioSystem

EWS88 MT

The ultimate MultiTracking solution



The Ultimate Multitrack Solution

The AudioSystem EWS88 MT sums up the demands placed on a professional hard-disk recording card: an adequate number of inputs and outputs that can be expanded as required, clean audio quality and high performance with current hardware and software technology come together to shatter all previous price/performance ratios.

Eight high-quality analog input and output converters process audio signals (continuously from the hardware to the software) with up to 24 bit and 96 kHz. The converters – and a full-scale MIDI interface – are housed in a 5 1/4" module that can be mounted in a PC drive bay or installed externally. The PCI card itself also features connections for S/PDIF devices (coaxial, e.g. for DAT or MiniDisk), as well as an independent SystemSound (Monitor) output for the reproduction of system sounds or software synthesizers without interfering with your favorite hard-disk recording application.

Even cascading the EWS systems under one another is possible without a problem. The number of simultaneously available inputs and outputs can thus be increased by the use of up to three additional systems with EWS®-Connect. An internal connection guarantees the sample-exact synchronization of all the cards at any time. Of course, the card can also be synchronized with a WordClock signal by the TerraTec EWS® ClockWork module.

The AudioSystem EWS88 MT works straight away with all common audio applications under Windows 95/98/ME/NT4 and Windows 2000. Drivers for these operating systems are included, as well as support for Steinberg's ASIO 2.0 technology, Microsoft's DirectSound, MME and Nemesys GigaSampler GSIF. And here, too, its uniqueness lies in the details, because the drivers are capable of transmitting 24-bit audio data to the audio software used as a 32-bit data stream. This feature noticeably unburdens the main processor, because unlike with the common packed-byte process, the 24-bit data does not have to first be stacked several times before being transmitted through the 32-bit wide bus.

The software provided leads you directly to the goal of your audio dreams: the expansive control panel permits the routing of the different signal sources and allows synchronization and driver settings. Included in the package: EMAGICs LOGIC 4 for creative music processing with the EWS. In addition, there is SEK'D's popular audio editor Samplitude in a specially adapted version – Mastering features like de-noiser, multiband-EQ and hum compressor included!



Technical Details

- Hard disc recording system for PCs
- PCI card and breakout box for internal or external use
- Busmaster transfer supporting '24-bit 4-byte mode' (32-bit)
- 10 inputs and 10 outputs in total
- Simultaneous record and playback of 20 channels at up to 24-bit/96 kHz
- 8 analog inputs individually selectable between +4dBu and -10dBV
- 8 analog outputs globally selectable between +4dBu and -10dBV
- 24-bit/96 kHz analog to digital converters with 100dB dynamic range and 64x oversampling*
- 24-bit/96 kHz digital to analog converters with 110dB dynamic range and 128x oversampling*
- Input level adjustable with +18dB gain in 0.5dB steps
- Stereo digital input (S/PDIF coaxial up to 24-bit/96 kHz)
- Stereo digital input (S/PDIF coaxial up to 24-bit/96 kHz)
- 20 channel mixer with 36-bit internal headroom
- Hardware VU-meter for each channel, visualized by the ControlPanel
- EWS®-Connect**
- Non-Audio mode: AC3 and DTS streams can be transmitted through the digital outputs
- Analog stereo output, 18-bit converter up to 48 kHz (3.5mm jack socket)
- 2 internal analog stereo inputs, 18-bit converter up to 48kHz (Molex)***
- MPU-401™ compatible MIDI port
- Shielded 5.25" module with 8 analog inputs and outputs (RCA Phono) and MIDI IN and OUT (5-pinDIN) for internal or external use.
- Powerful bundle software: Emagic microLogic 4 and Samplitude Basic/Project featuring 24/96 new audio Software
- Driver for Windows 95/98/ME/NT4 and Win 2000
- Driver for ASIO2.0 and Nemesys GigaSampler (GSIF)
- MME and DirectSound support
- ControlPanel for Windows95/98 and Windows NT
- Emagics MicroLogic 4
- SEK'Ds Samplitude Basic

System Requirements

- Pentium 200 MMX or faster
- VGA with a resolution of 800x600 and 256 colors
- 32MB RAM
- Windows95, 98 or Windows NT4

System Recommendation

- Intel Pentium II 400 or AMD K7 500 Athlon CPU
- ULTRA DMA or SCSI onboard controller
- VGA with a resolution of 1024x768 and HiColor
- 128 MB RAM
- Windows 98 SE

Art.No.: 1262
 EAN-Code: 4017273612621
 Warranty: 24 month

*) This data relates to the technical specifications of the converters

***) EWS audio systems with "EWS-Connect" can be linked and synchronized with one another.

Up to 4 systems are possible in one PC by using the same driver and ControlPanel.

****) These inputs can only be routed to the SystemSound-(Monitor) output