AudioSystem

EWS digitaL

AudioSystem EWSdigitaL

In the overall EWS system, the EWS64 occupies the position of the sampling synthesizer, combining a fat sound with the advantages of powerful Windows controls.

The AudioSystem EWSdigitaL, based on the combination of EWS64 L and the DigitalXtension 'R' (DXR), features 64 (hardware-based) voices and can be upgraded with up to 64 MB RAM (6 MB are standard).The user interface of the sampler provides extremely fast access to all parameters such as envelopes, filters and LFOs. Every MIDI note and velocity level within an instrument can be assigned its own sample. On the other hand, all synthesizer functions can be applied individually to each split.

The software imports samples and sounds in WAV, SF2 (Soundfont), 94B (sound cards with Dream chipset) and AKAI (S-1000) formats. A wide range of third-party sound CDs have since been published specifically for the EWS64 which make the most of its impressive sound generation capabilities.

Without any loss the DXR module allows for digital (S/PDIF) communication with external devices, such as DAT recorders and MiniDisks, and lets you choose the interface – optic or coaxial in both directions. This way the digital audio data for supported sampling frequencies (32, 44,1 and 48 KHz), is transmitted directly 1 to 1 – there is no need to convert it later.

Technical Data

- Line 1: 8/16-bit conversion for recording with a 5 KHz - 48 KHz sampling rate

- Line 2: 18-bit conversion for recording with a 32/ 44,1/ 48 KHz sampling rate

- Stereo microphone input with switchable preamplifier (without phantom power!)

- 2 analog stereo outputs

- Optical digital input and output, S/PDIF, 32/ 44,1/ 48 KHz

- Coaxial digital input and output, S/PDIF, 32/ 44,1/ 48 KHz

- Analog mono input and output for PC speaker

- MPU-401 compatible MIDI interface

- Duplex MIDI for the simultaneous recording and playback of up to 32 MIDI channels

- Recording and playback of all audio sources

- 2MB Sample-RAM Onboard plus 4MB PS/2 SIMM are standard

- Expandable to 64 MB sample RAM

- 64-voice sampler / synthesizer

- 8 reverb and chorus effects as well as a 4-band equalizer

- General MIDI (GM) and General Synthesizer (GS) support

- ISA bus card

- AKAI S1000 TM SoundFont2 and Microsoft WAV sample format support

- Drivers for Windows 95/98/NT4 as well as ASIO 2.0, MME and DirectSound support

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