



## AudioSystem EWS<sup>®</sup> 64 XXL

The AudioSystem EWS64 XXL is a result of the continuing development of the award winning AudioSystem EWS64. With a 64 note polyphonic sampler, digital I/O, outstanding A to D and D to A converters, effects and a full feature software bundle, the EWS64 represents unparalleled value. Now we have taken it even further by adding the microWAVE PC, a full featured version of Waldorf's amazing microWAVE XT synthesizer, jointly developed by Waldorf and TerraTec.

The microWAVE PC adds a 10 note polyphonic true wavetable DSP based synthesizer whilst maintaining all of the functionality of the original AudioSystem EWS64 resulting in the most comprehensive integrated music and audio production system for the PC.

The innovative hardware control surface of the 19" rackmounting microWAVE XT has been converted to a Windows 95/98 application, identical in operation and appearance right down to the knobs, legending, LCD display and MIDI activity LEDs.

This is no software synthesizer requiring masses of CPU power, the microWAVE PC front panel module contains the same DSP and processor chips used in it's big brothers and delivers the incredible microWAVE sound with no intervention from your PC allowing you to use any of the mainstream MIDI and Audio software packages at the same time.

### Key features

- Professional Multifunction PC Audio System
- 64 Note Polyphonic Sampling Synthesizer
- Integrated Waldorf microWAVE XT Synthesizer
- Multichannel Analog and Digital Audio I/O
- Full Duplex Hard Disc Recording up to 48 kHz
- DirectX<sup>™</sup> and SoundBlaster<sup>™</sup> Compatibility



### Technical Specifications:

#### Compatible with the following standards:

- Intel™ Plug and Play
- Microsoft® DirectSound™ and DirectSound™3D
- General MIDI (with relevant soundset loaded)
- General Synthesizer (with relevant soundset loaded)
- MPU™-401 compatible
- Soundblaster™
- Soundblaster™Pro
- Adlib™
- MPC Level III
- Microsoft® Sound System™ 2.0
- ASIO 2.0
- AKAI™ sampleformat

#### Wavetable synthesizer:

- 2 MB Sample RAM onboard
- 4 MB SIMM fitted as standard
- Upgradeable to up to 64 MB sample RAM
- Up to 64-voice wavetable synthesizer (GM/GS soundsets for downloading) Effects processor:
- Multi program reverb and chorus effects
- Multiband equalizer
- Virtual 3D Sound
- Room simulations for two and four audio channels
- Effects available for all audio sources

#### Audio features:

- Line 1: 8/16 bit ADC with 5 kHz - 48 kHz sample rate
- Line 2: 18 bit ADC with 32/44,1/48 kHz sample rate

- Stereo microphone input with pre-amplifier (no phantom power!)
- 2 independent analog stereo outputs with 18 bit DACs
- Extended Full Duplex in hardware
- 4 bit hardware real time compressing and decompressing ADPCM
- 8 bit hardware real time compressing and decompressing under  $\mu$ -Law, A-Law CCITT standard
- Recording and playback of all audio sources

#### FM Synthesizer:

- 4OP+ technology
- 20 voice, stereo
- Game compatible

#### Midi Interfaces:

- 2 MPU™-401 compatible MIDI interfaces
- Separate internal MIDI port for Sampling Synthesizer
- Up to 48 MIDI channels available

#### Game port for two joysticks:

- Connection facility for two analog joysticks via Y cables

#### System requirements:

- Genuine Intel™ Pentium™ or AMD K6 class processor
- 16 MB RAM
- Minimum 800 x 600 screen resolution at 256 colors
- CD ROM drive
- Windows®95/98/ME (Drivers included)
- Windows NT4/2000

#### Technical data microWAVE PC:

- latest DSP based true wavetable synthesis from Waldorf
- 10 note polyphony
- Multi mode with 8 voice multi-timbrality
- Patch memory for 256 instruments and 128 multis
- Patch librarian software for unlimited hard disc storage
- 64 ROM wavetables
- 32 RAM wavetables
- 64 waves per wavetable
- 500 waves
- arpeggiator, syncable to MIDI Clock, extensively programmable
- integrated effects processor
- all parameters real time controllable through MIDI continuous controller
- Easy to use software for Windows®95/98

#### Contents:

- AudioSystem EWS®64 L sound card
- microWAVE PC Frontmodule
- 4 MB SIM module
- CD ROM with 300+ MB EWS®-Software, incl. GM/GS Sets and samples
- Manuals (English & German)
- Audio cable (Stereo-mini jack – 2 x RCA Phono)
- Registration and guarantee card