SoundSystem
DM X
Advanced Audio Accelerator

SoundSystem DMX – All you need.

The SoundSystem DMX from TerraTec sets new standards for unparalleled price and ultimate performance. The latest PCI technology, extensive connectivity options and uncompromising audio quality coupled with a solid software bundle and universal compatibility makes the DMX a real contender. Carefully thought out features such as the two CD-Audio connectors, external wavetable connector, ActiveRadio RDS radio module expansion and digital I/O in both S/PDIF co-axial and TOS-Link optical format make the SoundSystem DMX a cutting edge product in the true tradition of TerraTec.

Connectivity.

Feast your ears on the two independent high quality stereo outputs of the SoundSystem DMX. Eight inputs including external line input, microphone, optional ActiveRadio module, voice modem, wavetable module and two independent CD-Audio inputs puts the SoundSystem DMX right in the driving seat of your PC multimedia system. If this weren't enough, we have included a professional digital audio I/O expansion module with both optical (TOS-Link) and co-axial (S/PDIF) stereo inputs and outputs supporting 32, 44.1 and 48 kHz sample rates and manual override of SCMS copy protection.

Powerplay.

A glance at the hyper-compatibility list will make any real power-gamer's heart race: true hardware acceleration of DirectSound™, DirectSound™3D and DirectInput™, 64 voice hardware wavetable synthesizer, even Soundblaster™ Pro compatibility under DOS. Experience total audio immersion with sound coming at you from all directions: in front and behind, left and right, above and below. The SoundSystem DMX has a 3D positional audio system that is compatible with Aureal™'s A3D™, Creative Labs™' EAX™, Microsoft DirectSound™3D and Sensaura™3D. It's Canyon3D™ Engine with MacroFX™ and MultiDrive™ technology is the key to a new world of acoustic experience. The bundled software provides the tools to create your own unique 3-d environments with interaction par excellence. The serious detail: hardware acceleration of more than 32 simultaneous 3D audio streams over 2 speakers, 4 speakers or headphones - Not bad!

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Last but not least, shake, rattle and roll... The digital gameport with full Microsoft™ DirectInput™ acceleration provides precise control and feedback whatever controller you use, from simple gamepads to full-on force feedback flight yokes and steering wheels.

Quality.

What is a soundcard for... right, to make sound. Give your ears a break, treat them to a SoundSystem DMX. The highest quality audio when you want it and, when you don't, silence. With a signal to noise ratio of better than −97dB, quiet means quiet. You hear only what you want to hear, no hiss, no crackle, no distortion, just clear, clean audio.

Software.

Indispensible and often ignored: Software, the fuel that powers the hardware. A custom designed intuitive control panel application provides control over all the special features of the SoundSystem DMX. For playing audio files including CD tracks, MIDI and MOD files and MP3 audio, we have included the seriously cool WinJey... Create your own mixes with Mixman Studio and become a cyber DJ... For hard disc recording and editing we have included WaveLab lite from the market leader Steinberg... For those of you into synthesis, experiment with Buzz, the latest in software synthesis... That's just a selection. On top of this we have driver support to Windows® 95, 98 and NT4... even DOS.

Documentation and warranty.

The manual provides step by step instructions for installation of the hardware and accompanying software together with instructions for the control panel software. In case of problems, our trained technical support team are only an email or phone call away. On top of this, we provide a 2 year manufacturers warranty.

The TerraTec SoundSystem fulfills all the audio requirements of today's PC combining established standards with fresh ideas and professional features. Everything you need − nobody does it better!

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Technical details

Compatibility

- DirectSound™
- DirectSound 3D™
- A3D™
- EAX™
- Sensaura™ 3D
- MacroFX™
- MultiDrive™
- General MIDI (GM)
- DLS ready *1
- MPU-401™ compatible
- SoundBlaster®
- SoundBlaster® Pro
- AdLib™
- OPL2/3 compatible FM Syntheses
- MPC Level 3
- AC'97
- PC 98
- PCI Specification Rev. 2.1
- PCI Bus Power Management Interface Specification 1.0

Digital Audio

- Canyon3D™ Engine
- 8/16 bit resolution with up to 48kHz (mono/stereo)
- Enhanced Full Duplex playback and record in stereo
- record and playback of all audio sources

Wavetable

- up to 64 voices in hardware
- DLS ready*1
- various effects

MIDI/Joystick Interface

- DirectInput™ Acceleration
- compatible with MPU-401 (UART Mode)
- SoundBlaster® MIDI Interface
- Analogue / Digital Joystick Interface

Audio Mixer

- volume control for all audio sources
- WAV
- MIDI
- Radio
- CD-Audio (both)
- MIC-In
- Line-In
- AUX / External Synthesiser
- Digital Mix
- TAD

External Connectors

- digital output (optical and coaxial) with 32, 44.1 and 48 kHz
- digital input (optical or coaxial) with 32, 44.1 and 48 kHz
- 2 Stereo Line Out
- Line-In
- MIC-In
- MIDI/Joystick Interface (IBM 15 pin Sub-D)

Onboard Connectors

- Connector for digital interface (included)
- WaveBlaster compatible connector for optional Wavetable daughter board
- Radio connector
- 2 CD Audio (Molex)
- AUX (Molex)
- TAD (Molex)

ControlPanel

- Windows 95/98/ME/NT4

Driver

- DOS
- Windows 95®
- Windows 98®
- Windows NT 4. 0® *2
- Windows ME

Minimum system requirements

- Pentium 166 or faster
- 16MB RAM
- one available PCI slot
- CD-ROM drive
- 16 MB free hard disk space
- Windows 95®, Windows 98® or Windows NT 4.0 ® *2

*1) DLS Ready means compatible to Microsoft™ DirectMusic™ with WDM driver – standard so far not defined
*2) With the current driver version you wont be able to use the advantage of 4 speakers

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