



SoundSystem DMX – XFire 1024 [read: Crossfire]

Ultimate 4 channel 3D audio acceleration plus Digital I/O.

The XFire 1024's references read like a "Who's Who" of 3D-sound standards: Via superior Sensaura technology the DMX Xfire 1024 offers full support for A3D 1.0, DS3D, EAX 1.0 and EAX 2.0 bringing up to four speakers to life. Digital, whether in or out, with the DMX XFire 1024 you can do it. The S/PDIF digital out even guides AC3 streams through - courtesy of Dolby Digital. In addition the DLS 1.0 compliant wavetable synthesizer allows you to upload alternative sound sets, which can be used instead of the default 8MB sound set. Only the equalizer is capable of throwing the straight frequency paths off track before the end.

Listen. Aim. Fire.

A3D, EAX 1.0/2.0 and the gang rev up on the XFire 1024 alternatively over headphones, 2 speakers or 4. Through clever DSP routines the Sensaura's Multidrive technology guarantees optimal sound quality for every speaker configuration. Using Sensaura's key technologies Multidrive, MacroFX and EnvironmentFX, DirectSound3D, A3D and EAX 1.0/2.0 are accelerated to supersonic speeds, making uncompromising gaming more than just a pipe-dream. Your CPU will thank you for it. MacroFX, for example, differentiates between sounds in your immediate environment, much better than it has been possible before now. That way, even radio transmissions coming over the headset in your Mig-16's cockpit are finally understandable, meaning you won't be demoted for not following orders.

Digital. In. Out.

The digital input on board of the DMX XFire 1024 can be synchronized to 32, 44.1 and 48kHz and automatically recognizes what's going on. The control panel readily gives you information about the digital input's status, like pre-emphasis and copy-protection.

The digital output keeps connected to the outside world at 48kHz and lets you connect to DAT recorder, Minidisk recorder and other equipment. Pre-emphasis and copy-protection can also be set. Its flexibility becomes obvious when a corresponding software-DVD player passes the AC3 stream (e.g. Dolby Digital) along to the digital output without any problems.

1024. MIDI. DLS.

1 Kilo of voices - 1024, to be exact - are available for the MIDI conductor. 8MB and no single sample less await your arrangements. The support of DLS 1.0 makes it possible for you to replace the original sound set with your very own individual cast. Even the trumpets of Jericho will resound again if they come in the form of a DLS sound set. Load it up. Get busy.



Hardware. Extras. Details.

It's no secret that two uncoupled CD inputs (e.g. for burner and CD-ROM) with specially pre-set noise cancellation, headphone amplifier and wavetable connector are convenient extras which you soon won't need to do without. Peace and silence are guaranteed by a signal-to-noise ratio beyond -97dB and straight-as-an-arrow frequency paths, that - no gods, no masters - can only be overcome by the equalizer.

ControlPanel. Software. Etc.

With its easy-to-read and intuitive control panel, we are handing you the tool you need to configure the DMX XFire 1024 to fit your needs. Once you have selected your settings, you can easily save them and load them again as needed.

With the included software you can get started now regardless of what your interests may be. Musicmatch Jukebox records, decodes and encodes MP3 files. Professional music editing can be achieved with the excellent Audio- & MIDI sequencer Logic Fun from Emagic and for wave and sample editing the included Steinberg Wavelab Lite is the tool of your choice.

A 2-year warranty, telephone and e-mail support and direct hardware exchange at TerraTec in the event of a product defect are, of course, included in the price.

TerraTec's SoundSystem DMX – XFire 1024. Get experienced.



Technical details:

Compatibility.

- DirectSound / 3D
- Sensaura 3D
- A3D 1.0*
- A3D 2.0 compatible
- EAX 1.0, EAX 2.0*
- MacroFX*
- EnvironmentFX*
- MultiDrive*
- ZoomFX* (under development)
- I3DL2*
- General MIDI (GM)
- DLS 1.0
- MPU-401
- SoundBlaster / Pro
- AC'97
- PC 99
- PCI Specification Rev. 2.1, 2.2
- PCI Bus Power Management Interface Specification 1.0

Digital Audio.

- 8/16-bit playback & recording with up to 48kHz (mono/stereo)
- Extended Full Duplex at playback & recording (mono/stereo)
- Recording and playback of all audio sources
- Sensaura 3D
- MultiDrive
- MacroFX
- EnvironmentFX
- ZoomFX (under development)

Wavetable Synthesizer.

- Up to 1024 voices
- High quality 8MB sound-set
- DLS 1.0 compatible

Audio Mixer.

- Individual volume control of all audio sources
- 10-Band stereo equalizer with presets

MIDI/Joystick Interface.

- DirectInput-acceleration
- Analogue / Digital joystick interface
- MPU-401 compatible (UART mode)
- SoundBlaster compatible MIDI interface

External connectors.

- Digital-Out, optical, 48kHz (TOS link)
- 2 x Line-Out, stereo (3,5 mm)
- Line-In, stereo (3,5 mm)
- Mic In, mono (3,5mm)
- MIDI/Joystick Interface (IBM 15 pin Sub-D)

Onboard connectors.

- Digital-In, 32, 44.1 and 48kHz
- 2 x CD audio In, stereo (MPC3)
- Aux In, stereo (MPC3)
- Wavetable connector (WaveBlaster pin compatible)

Amplifier.

- Headphone amplifier, 2 x 60mW

Drivers.

- MS-DOS 7.0
- Windows 95/98/ME
- Windows NT 4.0**
- Windows 2000

ControlPanel

- Windows 95/98
- Windows 2000

Software.

- Musicmatch Jukebox
- Emagic Logic Fun
- Wavelab Lite
- NetMeeting
- VoiceType Control
- Free- & Shareware

System requirements.

- One free PCI 2.1 compliant PCI slot
- Intel Pentium II or AMD K6 II 500 or higher
- 32MB System RAM
- Screen resolution min. 800 x 600, 16-bit color depth
- CD-ROM drive
- 50MB free hard disk space
- Windows 95/98/ME with DirectX 5.0 or higher, or Windows NT 4.0 with ServicePack3 or higher, or Windows 2000

Art.No.: 1383

EAN-Code: 4017273613833

Warranty: 24 month

* powered by Sensaura

** The Windows NT 4.0 driver only supports basic audio functions, especially the 2-Line Out and the Digital I/O section are not supported under Windows NT 4.0.