

DESCRIPTION

PHASE 88

24 Bit/96 kHz Multi I/O Recording Interface



- 8 analog inputs, switchable between +4 dBu and -10 dBv
- 8 analog outputs, switchable between +4 dBu and -10 dBv
- 24 Bit/96 kHz signal processing of the analog and digital inputs and outputs
- Coaxial digital interface for S/PDIF, AC3 or DTS formats
- 4 m connecting cable between PCI card and breakout box
- 24 Bit/96 kHz A/D converter with 100 dB (A) SNR
- 24 Bit/96 kHz D/A converter with 109 dB (A) SNR

Perfect sound and expandable modular I/O solution: The PHASE 88 audio system turns your PC or MAC computer into a professional recording system!

Eight high quality analog input and output converters process audio signals (continuously from the hardware to the software) at resolutions of up to 24 Bit/96 kHz. The converters of the PHASE 88 are located - together with the high resolution MIDI interface - in a 5¼" breakout box, which can be placed both in the computer or externally.

Based on tried and trusted TerraTec technology, the optimized converter modules and well thought out circuit design of the PHASE 88 allow perfect recordings of up to eight tracks simultaneously and also playback of 5.1 or 7.1 surround productions.

To take full advantage of the superb dynamics of the 24 Bit converters, the board of the PHASE 88 is equipped with a 20 channel hardware mixing console with 36 Bit internal resolution and 20 in 4 routing.

Each input channel has its own analog circuit, switchable between +4 dBu [2,1 Vrms] and -10 dBv [0,55 Vrms], and an adjustable signal amplifier for up to 18 dB. Channel monitoring is absolutely latency free and the ASIO 2.0 driver performance offers latency times of below 3 ms.

This makes the PHASE 88 a complete recording system; even without an additional mixing console. An additional digital input and output (coaxial) on the PCI Bus card provide the perfect connection to the digital studio environment.

You can synchronize and cascade up to four PHASE 88 recording systems within one computer. This makes it possible to expand the system to up to 40 physical inputs and outputs and 64 MIDI channels, while keeping the CPU load to a minimum.



DESCRIPTION



PHASE 88

24 Bit/96 kHz Multi I/O Recording Interface

Windows 98SE-XP

MAC OS X

EWS Connect

GIGA Compatible

AC3/DTS



24 Bit/96 kHz

S/PDIF

MIDI I/O

WDM

ASIO

Technical Data

- PCI audio interface with shielded 5¼" breakout box
- 4 m connecting cable between PCI card and breakout box
- A total of 10 inputs and outputs (expandable to 40 inputs and outputs)
- 8 analog inputs, cinch, switchable between +4 dBu and -10 dBv
- Input control with +18 dB accentuation in 0.5 dB steps
- 8 analog outputs, cinch, switchable between +4 dBu and -10 dBv
- Coaxial digital input, cinch
- Coaxial digital output, cinch
- MIDI interface with 5 pin DIN connection
- Up to 24 Bit/96 kHz signal processing of the analog and digital inputs and outputs
- Coaxial digital interface for S/PDIF, AC3 or DTS formats
- 24 Bit/96 kHz A/D converter with 100 dB (A) SNR*, typically 100 dB (A)
- 24 Bit/96 kHz D/A converter with 110 dB (A) SNR*, typically 109 dB (A)
- Hardware VU meter for every channel on the Control Panel
- Bus master transfer supports "24 Bit 4 Byte Mode" (32 Bit)
- EWS Connect for synchronized cascading of additional PCI systems**

*] This information depends on the technical data of the converter used
**] You can cascade and synchronize PHASE 88, EWS 88 MT/D and MIC 2/8 audio systems with an EWS Connect link. You can control up to four systems in one PC with only one driver and one Control Panel.

Software

- WDM drivers for Windows 98SE/ME/2000 and XP
- Core Audio and Core MIDI support for MAC OS X
- Support for ASIO 2.0 and GigaStudio (GSIF) - Windows only
- ASIO/GSIF multi-client mode - Windows only
- WDM kernel streaming (e.g. Sonar) - Windows only
- MME and DirectSound support - Windows only
- Control Panel for Windows 98SE/ME/2000/XP and MAC OS X

System Requirements

PC requirements:

- Pentium II 450 MHz
- 128 MB RAM
- VGA video card, 800 x 600/256 colors
- Windows 98SE/ME/2000 or XP

PC recommendations:

- Pentium III 1 GHz
- 256 MB RAM
- VGA video card, 1024 x 768/HiColor
- Windows XP

MAC requirements:

- G4 800 MHz
- 256 MB RAM
- VGA video card, 800 x 600/256 colors
- OS X

MAC recommendations:

- G4 1 GHz
- 512 MB RAM
- VGA video card, 1024 x 768/HiColor
- OS X

Want to know more?

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