



I/O Connectivity

- 26 Input / 26 Output channels
- 3 x ADAT I/O
- 1 x SPDIF I/O
- 2 x MIDI I/O
- Word Clock I/O
- 1x ADAT Sync In
- optional: TDIF Expansion Board

Some tens of thousands of installations worldwide are proof that the HDSP 9652 is a perfect partner for all software-based DAWs.

The HDSP 9652 can be regarded as the studio standard digital I/O card, which turns every computer into a powerful Digital Audio Workstation (DAW). The PCI card is based on the award-winning Hammerfall DSP technology, combining superb handling and stability with extremely low latency. All 26 input and 26 playback channels can be routed and mixed independently making it the ideal interface to any ADAT I/O-equipped mixer, or to RME's high-end analog devices like the ADI-8 DS/QS or the OctaMic II.

HDSP 9652 offers 3 x ADAT optical I/O, ADAT-Sync In, SPDIF I/O and Word Clock I/O. On top, there are 2 MIDI I/Os and TotalMix, a DSP-based real-time mixer/router, with hardware-calculated level metering and complete MIDI remote capability.

The HDSP 9652 also supports the TDIF Expansion Board. Two internal ADAT inputs and outputs allow you to realize up to two TDIF ports directly inside the computer.

Thanks to its unique Zero CPU Load technology Hammerfall DSP guarantees highest performance and lowest latency together with full flexibility!

When working with several digital sources it is not only necessary to know if these are properly locked, but also if they are totally synchronized. RME's exclusive SyncCheck® checks all input signals and displays their actual state, and thanks to Intelligent Clock Control (ICC) you have all clocks and states under control - with ease.

A display of the time code at the ADAT Sync input (D-sub) offers a quick check of the communication between the external device and the Hammerfall.

The HDSP 9652's Secure BIOS Technology allows to perform hardware updates via software/driver without any risk.

Specifications

- Input: 3 x optical (TOSLINK), 1 x coaxial (RCA), 2 x MIDI, Word Clock (BNC)
- Input format: SPDIF, AES/EBU (Consumer, Professional), ADAT® optical
- Output: 3 x optical (TOSLINK), coaxial (RCA), 2 x MIDI, word clock (BNC)
- Output format: SPDIF, AES/EBU (Consumer/Professional), ADAT® optical
- Supported sample rates: 32, 44.1, 48, 88.2, 96 kHz, variable
- All settings changeable in real-time
- Automatic and intelligent master/slave clock control
- Enhanced Mixed mode: All inputs and outputs simultaneously operational
- Unsurpassed Bitclock PLL (audio synchronization) in ADAT mode
- Enhanced Zero Latency Monitoring for latency-free submixes and perfect ASIO Direct Monitoring
- Peak- and RMS calculation directly in hardware for 78 level meters with zero CPU load
- TotalMix: 1352 channel Mixer with 40 bit internal resolution
- S/MUX poured in hardware: 12 channels 24-bit/96 kHz for record and playback on ADAT optical
- Comes with DIGICheck, RME's ultimate measurement, analysis and test tool

Optional Add-Ons

- TEB: The HDSP 9652 can provide up to two TDIF interfaces when using the TDIF Expansion Boards.



HDSP 9652