EWS ClockWork – WordClock module

Indispensable in modern digital studios: synchronization via WordClock signals. In addition to phase-locked and sample-precise linking of multiple digital data streams, a central studio clock helps reduce jitter to take full advantage of your high-quality converter systems.

EWS cards with EWS-Connect* can be connected internally to the EWS ClockWork module to ensure perfect synchronization with the digital outside world. The module can either transfer the clock signal of a master EWS card to all external devices with a minimum of jitter, or it can follow an external clock. Up to 4 EWS cards with EWS®-Connect* in the computer can be coupled in parallel to the WordClock signal using only a single EWS ClockWork module.

Digital technology is continuously gaining ground in studios: optimized, reliable digital connections can be established between mixing desks, tape machines, samplers or synthesizers and the EWS audio systems in the computer with the aid of the EWS ClockWork module.

Technical Details

- Clock module for EWS cards with EWS-Connect
- Clock receiver for up to 4 EWS PCI cards connected in parallel
- Clock transmitter for the clock signal of the EWS PCI master card
- Switchable between standard WordClock and Super Clock (256 FS)
- 1 BNC input as well as 1 BNC output
- Switchable termination
- Jitter less than 3 ns thanks to the use of highly precise microchips
- Blue LED's for operation status and external Clock format detection

*)   EWS audio systems with "EWS-Connect" can be linked and synchronized with one another.
     Up to 4 systems are possible in one PC by using the same driver and ControlPanel.

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