

## D23m I/O System

Together with the introduction of Studer's new Infinity Core and A-Link interface technology, Studer developed the D23m system; a new audio I/O System and with enhanced channel count architecture meeting customer needs to transfer an ever larger number of channels

D23m is leveraging D21m functionality and is fully compatible to D21 systems already in the field. Plug-and-play features like automatic card detection etc. are available for D23m.

All existing D21m I/O-cards are fully compatible and can be used in the new D23m frame.

This offers a new and robust I/O frame for all upcoming Studer mixing consoles using A-Link technology wherever a high channel count is required. The ability to use D21m cards protects existing investments and offers a cost-effective solution. The use of different I/O modules, be it existing D21m cards or new I/O higher capacity, and new format interfaces provides an I/O system tailor-made for customer needs.

The audio between the mixing console or router system and this new frame connects via the A-Link interface. The A-Link HD card hosts a powerful processor to operate all required patching and may be used as the sync host

to the system, or may be synchronised to a variety of external synchronisation signals.

The D23m can host up to 12 I/O cards with a total of 1,536 inputs and 1,536 outputs (dependant on the I/O cards fitted). When used as a small stand alone router the D23m frame provides a huge I/O Matrix of 3,072 x 3,072 inputs and outputs.

The new D23m I/O system comes with two A-Link ports and two hot swappable power supplies (including secondary regulators) for secure, redundant operation.

Status displays on the front panel indicate the status of the frame or the status of installed cards.

### System Specifications

- D23m 3 HU I/O frame
- Dual Power Supply (hot swappable)
- 12 card slots
- A-Link HD card with DSP processing
- A-Link main and redundant ports (SFP modules)
- 1,536 I/Os from D23m and/or D21m cards (128 I/O per card slot)
- 1,536 I/Os on A-Link
- 3,072 x 3,072 Router Matrix
- Compatible with all Studer D21m cards
- Ext. clock reference:
  - AES
  - Word Clock
  - Video Clock
- In combination with Infinity Core two D23m frames provide clock redundancy
- Ethernet card including switch or Ethernet tunneling through A-Link connection
- 44.1 kHz, 48 kHz, 96 kHz

