

Studer D424

2-Channel MO Recorder with Digital Editing Functionality

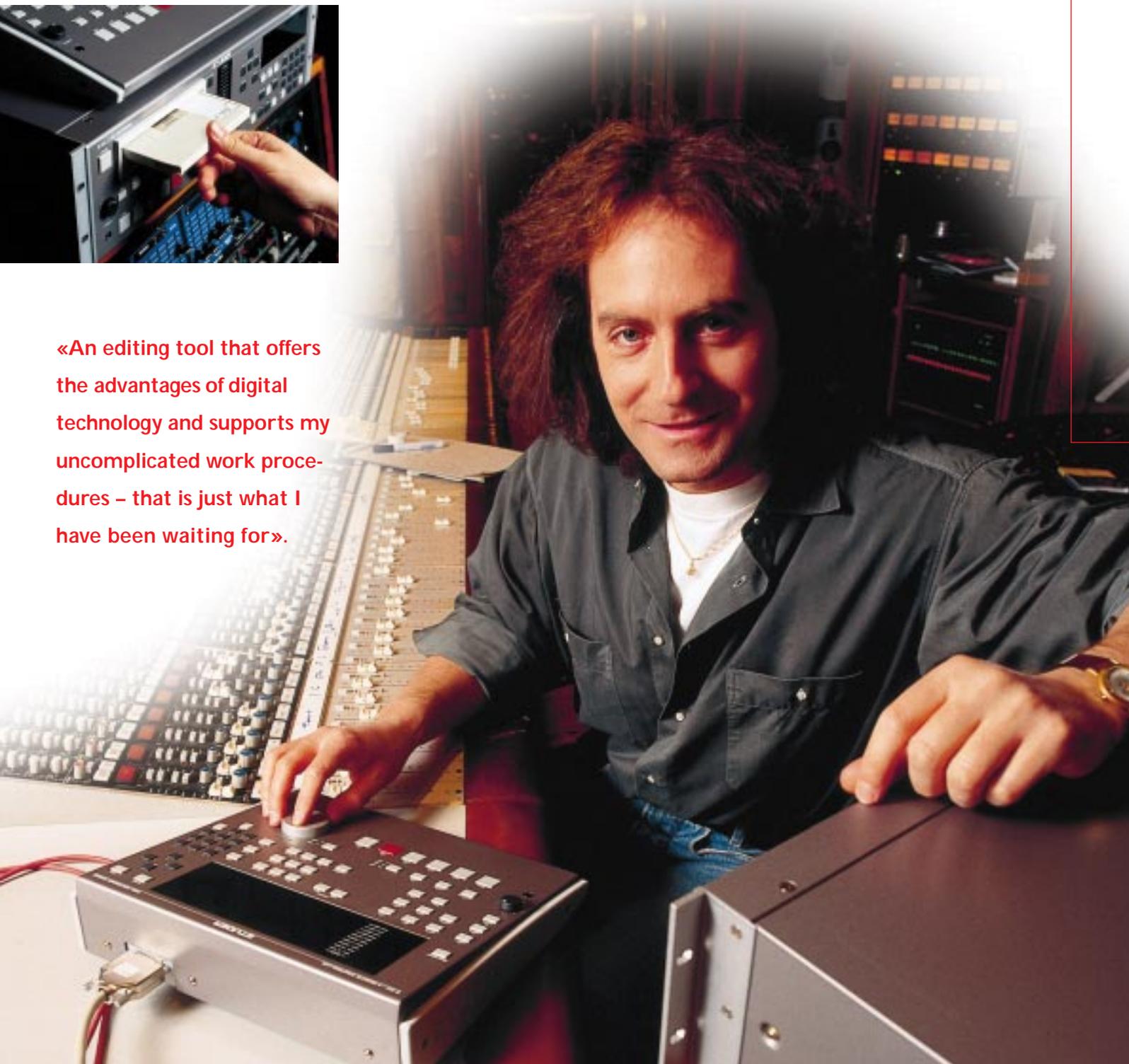


Studer D424

*The MO Recorder
with the amazingly easy
editing function.*



«An editing tool that offers the advantages of digital technology and supports my uncomplicated work procedures – that is just what I have been waiting for».



Studer's new D424 magneto-optical disk recorder is ideal for all broadcasting, recording studio, premastering and theater applications. As the logical operating concept and the functionality of the D424 are based on the

2-channel tape machines, only a short familiarization time is required.

The advantages of «Random Access Technology» such as high-speed access to locations within recordings are combined with an amazingly simple user interface. It offers not only standard functions such as record and play but also convenient and efficient editing with «Razor blade»



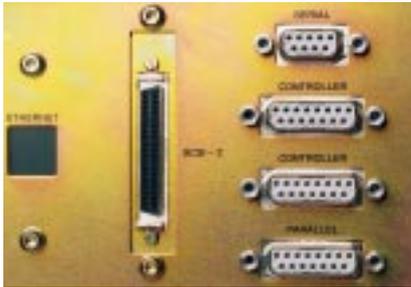
A convenient, ergonomic D424 remote control is available that controls up to three devices.

functionality of the type the user is already familiar with from tape machines. The Studer D424 which incorporates the most advanced technology produces top quality, true-sound recordings in 16, 20 or 24 bit format and features an operating system as well as a file system with an architecture that is open toward the PC and workstation platforms. ■



High data storage capacity

The Studer D424 uses ISO 5¼" magneto-optical disks with capacities of 1.2 GB to 2.6 GB. Due to the optimized data structure, up to 75 minutes can be recorded at 48 kHz with 24-bit resolution on each side of a medium. With CD quality, that is, linear recording with 16-bit resolution and 44.1 kHz sampling frequency, 2 hours of recording time per side are available. ■



Fast data transfer

The future-safe open architecture allows fast data transfer via the SCSI interface. For example, the Studer D741 CD recorder can be connected to the MO recorder for transferring data at twice the speed via the SCSI port. ■



Open architecture

Because the DOS file system is used (the D24 writes audio data in the Microsoft Wave format (*.wav), the format of the editing information is compatible with SADiE workstations), direct data transfer without any conversion is possible to a PC or an audio workstation. SADiE is a Trademark of Studio Audio & Video, Great Britain. ■

SADiE is a Trademark of Studio Audio & Video, England



Decisive details

The Studer D424 is equipped with a jog/shuttle function for fast location of sound events. The sampling frequency remains constant which is a significant advantage when a digital mixing console is connected via the AES/EBU port. ■

Editing made easy

Those who have edited analog tape in the past will be instantly familiar with the Studer D424 editing mode. The D424 is particularly suited to users who are upgrading their installation to digital technology but want to preserve the existing work procedures and minimize training requirements. ■

Technical Information:

■ **General D424 features:**

- 2 channel studio recorder/editor
- uses standard ISO magneto-optical media 1.2 GB to 2.6 GB
- resolution 16, 20 or 24 bit user selectable
- supports sampling rates of 44.056 kHz, 44.1 kHz, 47.952 kHz and 48 kHz
- analog style user interface
- on-board «razor-blade» type editing features
- Jog/Shuttle feature
- built in SMPTE/EBU synchronizer
- data transfer via SCSI port
- optional AD, DA converter

■ **Clock synchronization:**

- Internal
- Wordclock
- Video (PAL, NTSC standards)
- AES-3 (Audiosignal)
- AES-11

■ **TC synchronization:**

- Chase mode to all SMPTE/EBU TC types

■ **Control Interfaces**

- GPI parallel port
- RS-422 serial port (9 pin standard)
- Desktop Controller interface

■ **Audio I/O:**

digital I/O:

- 2 channel AES/EBU I/O

analog I/O:

- Optional AD, DA converter board
- High end 20 bit delta sigma A/D converter 64 times oversampled
- High end 20 bit delta sigma D/A converter 128 times oversampled
- Transformer balanced inputs
- Electronically balanced outputs

■ **Options:**

- AD, DA converter
- Desktop Controller

■ **Dimensions**

- D424 (WxHxD) 438 x 142 x 392mm (19" rack moumthesize 3HU)
- Remote (WxHxD) 324 x 8.4/11.8 x 265mm

Weight: 9.5kg