

ADAT HD24XR**Product Overview**

The HD24XR provides 24 tracks of high-resolution 24-bit uncompressed linear recording at standard sample rates of 44.1kHz or 48 kHz. It supports 12 tracks at sample rates of 88.2kHz and 96kHz. The HD24XR comes complete with 24 channels of analog and digital inputs and outputs—there are no cards or extras to buy to get audio in or out of the recorder. An external BNC word clock input is provided for slaving to external clock sources. The HD24XR also provides powerful editing capabilities with CUT, COPY, PASTE and multiple UNDO functions across any or all tracks simultaneously.

The HD24XR can be used in a studio as a standalone recording/mastering system. Users can record directly into the HD24XR for live recording or studio applications. Archive your recordings onto the hard drive, then edit and organize them into sessions. Use the HD24XR to record on any of a number of sample rates and bit depths.

Key Features

- 24 Track simultaneous recording at 44.1/48 kHz (12 tracks @ 88.2/96 kHz)
- Storage media: Standard IDE hard drive (minimum 5,400 RPM)
- Recording time per each 10 gigabytes @ 48kHz: 45 minutes x 24 tracks; @ 96kHz: 45 minutes x 12 tracks
- Number of drive bays: Two front-panel, hot swappable
- Recording Modes: 44.1/48 kHz 24 track, 16 track, 8 track, 4 track, 2 track 88.2/96 kHz 12 track, 8 track, 6 track, 2 track
- Resolution: 24 bit linear PCM encoding
- Internal clock Fs: 44.1kHz, 48kHz, 88.2kHz, 96kHz; External clock; Varispeed -16%/+6% @48kHz
- A/D converters: Twenty-four channels of 24 bit, 128x oversampling (standard)
- D/A converters: Twenty-four channels of 24-bit 128x oversampling (standard)
- 96 kHz-capable A/D/D/A board

Applications

- Hi definition multi-track recordings
- Professional recording studios
- Home/project recording studios
- TV/film/video post production
- Broadcast production