



## ADAT HD24 Product Overview



### Product Description

Introducing the world's first 24-track, 24-bit/96kHz hard disk recorders designed to fit comfortably into any standard ADAT environment — and match ADAT's legendary performance and affordability.

With their patent-pending method of writing to the hard drive, HD24 and HD24XR are the first hard disk recorders built from the ground up exclusively for the purpose of recording music instead of data — resulting in remarkable stability and performance. And yet, thanks to their use of standard, low-cost IDE computer drives, the recording media costs no more than traditional ADAT tape on a per track basis.

Two hot-swappable media bays provide convenient access to the recording drives, and allow the user to backup data in just minutes. You can edit tracks internally or easily transfer to computer via built-in Ethernet. They're the only HD recorders on the market with standard ADAT Optical and ADAT Sync, enabling them to work efficiently with existing systems. And they offer the same exceptional user-friendly interface ADAT users have come to expect.

### Key Features and Benefits

#### MEDIA.

Any internal IDE hard drive.

#### TRACK COUNT.

24 tracks at 24-bit/48kHz, 12 tracks at 24-bit/96kHz.

#### SAMPLE RATES.

Digital: 44.1–96kHz. Analog: 44.1–48kHz (HD24). Upgrading HD24 with the Alesis EC-2 will allow you to record at 882/96k via the first 12 1/4" TRS connections.

### CONNECTIONS.

**AUDIO INPUT:** Input Connectors: 24 Balanced 1/4" TRS jacks. Nominal Input Level: +4dBu (1.23V RMS)=-15dBFS. Maximum Input Level: +19 dBu (6.9 V RMS)=-0 dBFS. Input impedance: 10k $\Omega$ . **AUDIO OUTPUT:** Output Connectors: 24 Pseudo-Balanced 1/4" TRS jacks. Nominal Output Level: +4 dBu (1.23V RMS)=-15dBFS. Maximum Output Level: +19 dBu (6.9 V RMS)=-0 dBFS. Output impedance: 220 $\Omega$ . Other: MIDI in/out. Alesis Sync in/out (DB-9). Word Clock input (BNC, 75 $\Omega$ ). Footswitch jack for punch in/out (1/4"). LRC input for traditional wired remote (1/4"). 10 Base-T Ethernet (RJ-45).

### AUDIO SPECS.

Frequency response: 22Hz–22kHz +0/-1dB. Signal to Noise Ratio: 103 dB A-Weighted, Analog In to Analog Out. Dynamic range: 103dB A/D, >103dB D/A (A-weighted). Distortion: <0.003% THD+N. Power consumption: 60 Watts Max (100-240 V AC/50-60 z), 20 Watts Max in Stand-By Mode. Input levels: nominal +4dBu, maximum +19dBu. Pitch control: +100 cents/-200 cents, min-max 30–50kHz (30–100kHz with version 2.0).

### POWER & DIMENSIONS.

Power: 90–230V AC, 60W. Dimensions (H x W x D): 5.24" x 19" x 13.5" (133mm x 483mm x 342mm), 3U rackmount. Weight: 21lbs (9.6kg).