

## X-48MKII

### 48-Track Hybrid Hard Disk Workstation



The X-48MKII is a standalone 48-track Hybrid Hard Disk Workstation which integrates the best of both worlds: the stability and ease-of-use of a purpose-built hard disk recorder, with the GUI, editing features and plug-in compatibility of a computer-based digital audio workstation.

It boasts 96kHz/24-bit recording across all 48 tracks. Yet the X-48MKII goes beyond mere standalone recorders – its built-in, automated 48-channel digital mixer, VGA display output, powerful editing functions and DVD+RW backup drive transform it into a complete integrated workstation.

Its file compatibility and synchronization surpass even the TEC Award-winning MX-2424, with Broadcast WAVE and OMF import and export for compatibility with workstations like Pro Tools®. Support for eSATA hard drives and Gigabit Ethernet allows simple transfer between systems, making it the ultimate multitrack solution for high-quality music, post production and live recording applications.

#### Main Features

##### Multitrack Recording

- 48-track digital recording at up to 96 kHz/24 bit
- 32-bit floating point audio file recording and playback with no loss of track count
- Advanced integrated synchronization and machine control, including HDTV tri-level sync
- Time-stamped Broadcast WAVE file format
- Front-panel transport, track arming, project management and metering functions
- Built-in 1-TB hard drive
- eSATA port for external hard drives
- Built-in DVD+RW for backup, transfer and restore
- ±12.5% varispeed
- Grid-style editing

##### Workstation/Mixing

- Turn-key operation: no software conflicts to troubleshoot
- Graphic user interface for editing, mixing, plug-ins and meters
- 48-channel mixing at 96kHz

- 32-bit floating point mixer resolution
- 6 stereo returns (60 inputs at mixdown)
- 24 busses, 6 aux sends, stereo master buss
- Full dynamic automation
- Dynamics, 4-band parametric EQ and 4 VST plug-in inserts per channel

##### Rear Panel Connections

- 48 TDIF Digital Inputs and Outputs
- Stereo SPDIF In and Out
- Two 24-channel option slots support analogue (IF-AN24X), ADAT (IF-AD24X) or AES/EBU (IF-AE24X) expansion cards
- BNC Video In and Thru, auto-terminating
- BNC Word Clock In, Out and Thru, autoterminating
- MIDI In and Out
- TRS balanced 6.3-mm SMPTE In and Out
- 6.3-mm Footswitch Input

#### Specifications

##### Digital audio inputs/outputs

TDIF connector (x6)	DB25 (Female) connector (mm screws)
Format	Conforms to TDIF-1 standards
Word length	24 bit

S/PDIF digital input and output Format	RCA jack IEC 60958-3 (S/PDIF)
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### Control input/output

WORD SYNC IN	BNC (unbalanced), TTL level, 75 $\Omega$ termination (automatic)
WORD SYNC TRU, WORD SYNC OUT	BNC (unbalanced), TTL level, 75 $\Omega$ termination
MIDI IN, MIDI OUT connector Format	DIN 5 pin Standard MIDI format
TIME CODE IN, TIME CODE OUT Format	6.3-mm TRS standard jack (Tip: HOT, Ring: COLD, Sleeve: GND) Conforms to SMPTE standards
FOOT SW	6.3-mm phone jack (Tip: HOT, Sleeve: GND)
REMOTE	DB9 (female, metrical screws), conforms to RS-422, Sony 9-pin serial protocol (P2)
USB (x4) Protocol	USB A type connector, 4-pin USB 2.0 High Speed (480 Mbit/s)
Network Type	RJ45 LAN connector 100BASE-TX/1000BASE-TX Ethernet
VGA	DB15 (female) connector (inch screws)
Mouse	Mini DIN connector (PS/2)
Keyboard	Mini DIN connector (PS/2)
eSATA Type	eSATA (External Serial ATA), 7-pin (female) SATA2, 3 Gb/s

### Power requirements and other specifications

Power	AC 100-240 V, 50-60 Hz
Power consumption	49 W
Dimensions (W x H x D)	483 mm x 184 mm x 439 mm
Weight	13.7 kg
Operating temperature range	5–35 °C

Design and specifications subject to change without notice.

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