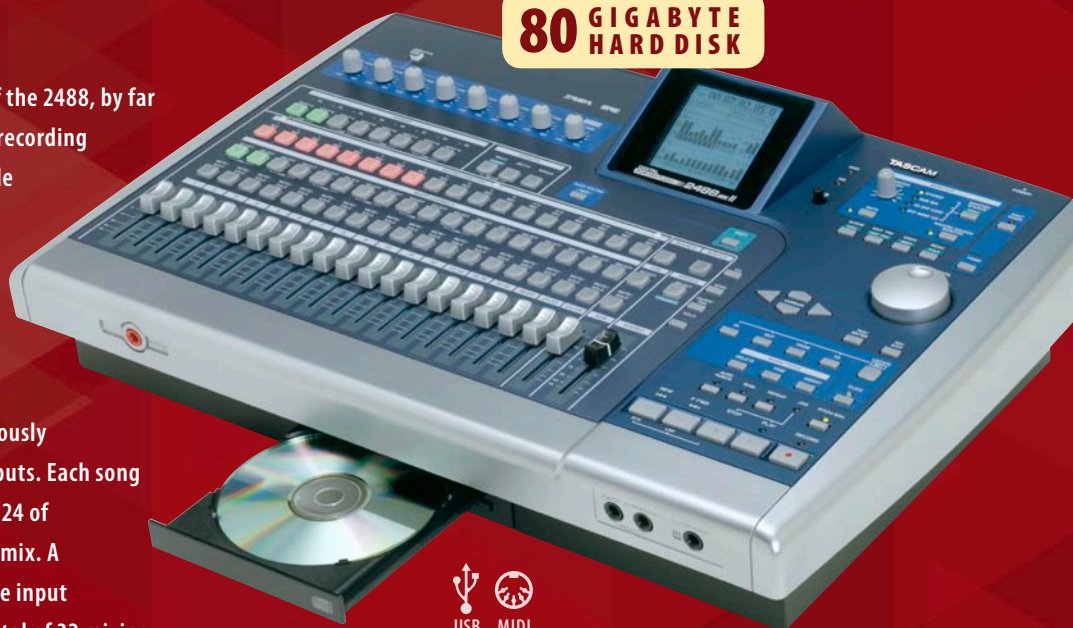


**80 GIGABYTE
HARD DISK**



The 2488 MKII is the successor of the 2488, by far the most affordable 24-track recording and mixing workstation ever made for home studios. Besides many improvements in detail, the "Mark Two" comes with a larger hard disk, a faster CD-RW burner and additional effects.

Eight inputs can be simultaneously recorded into the XLR and jack inputs. Each song can have up to 250 virtual tracks, 24 of which can be chosen for the final mix. A submixer allows to add eight more input channels during mixdown for a total of 32 mixing channels. A further stereo track is provided for recording the pre-master which can then be written directly to CD/CD-RW.

The 2488 MKII has four XLR inputs with switchable phantom power for condenser mics plus four balanced jack inputs one of which can be switched to high impedance for electrical guitars. Each track and input offers 3-band EQ and three effect sends for sound and dynamics variation.

The 2488 MKII's editing functions enable the user to edit their audio tracks with high precision. Sections can be copied and pasted, cut and moved, tracks can be duplicated and up to 999 steps can be undone and redone. Alternative takes allow users to select the best take from multiple takes of a recording session.

For data backup, songs can be written to CD-R/CD-RW or can be transferred to a computer via a USB connection. Songs can also be exported as WAV files, and mono WAV files can be imported into songs.

There's even more to explore – ask your specialized dealer for the 2488 MKII!

New features

- ▶ Double harddisk capacity (80 Gigabytes)
- ▶ CD recorder with up to 16x write speed
- ▶ Two additional effect sections within multi effect (Overdrive, Acoustic Guitar Simulator)
- ▶ Physical master fader for submix
- ▶ Copy From -> To editing function allows precise alignment of a copied section

Recorder section

- ▶ Simultaneous playback of 24 tracks
- ▶ Simultaneous recording of 8 tracks
- ▶ 250 assignable virtual (alternative) tracks
- ▶ Powerful editing functions
- ▶ Flexible Undo/Redo (999 levels)
- ▶ 999 markers plus In/Out/To locate points
- ▶ Manual punch in/out, Auto punch in/out
- ▶ Rehearsal function
- ▶ Pitch control, Slow Speed Audition
- ▶ Waveform view

Mixer

- ▶ 24+8 channels, flexible digital patch bay
- ▶ 3 aux sends on all input and track channels

- ▶ 3-band EQ on all 24 channels and 8 inputs
- ▶ Quick setup utility, Snapshot memory

Effects

- ▶ Effects and dynamics processors (Reverb, delay, chorus and others to be used as loop effect; up to 4 insert mic effects)
- ▶ Assignable guitar multi-effects processor
- ▶ Dedicated stereo dynamics processor on the stereo output
- ▶ Chromatic tuner

MIDI

- ▶ Sync to MTC (Master/Slave)
- ▶ MIDI Machine Control, MIDI Clock output with SPP (Song Position Pointer)
- ▶ Metronome
- ▶ Import and play Standard MIDI (SMF) files (external sequencer needed for audio output)

Other

- ▶ On-board CD-RW drive (burn your mixdown on CD, import/export WAV files, backup your hard drive, play audio CDs)
- ▶ Live Writer function (use the markers to set track increments automatically)
- ▶ High-speed USB 2.0 port to connect to your PC/Mac for data backup/restore and SMF/WAV file transfer

2488 MKII

Digital Portastudio

Specifications

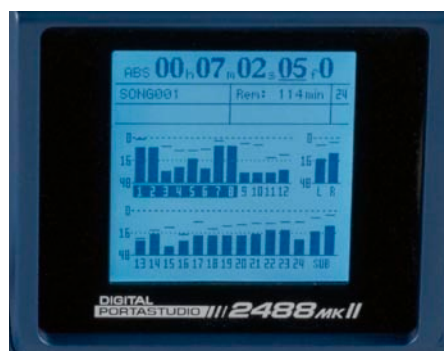
Analogue inputs and outputs	
MIC/LINE inputs (A–D)	Combined XLR/6.3-mm TRS connector
Input impedance	XLR: 2 kOhm, TRS: 8 kOhm
Input level	XLR: –57 dBu (MIC) to –10 dBu (LINE) TRS: –43 dBu (MIC) to +4 dBu (LINE)
Nominal input level	XLR: –10 dBu, TRS: +4 dBu
Maximum input level	XLR: +6 dBu, TRS: +20 dBu
MIC/LINE inputs (E–H)	6.3-mm TRS jack
Input impedance	4 kOhm
Input level	–43 dBu (MIC) to +4 dBu (LINE)
Nominal input level	+4 dBu
Maximum input level	+20 dBu
Input H (GUITAR), on front panel	6.3-mm jack (unbalanced)
Input impedance	1 MOhm
Input level	–55 dBu to –8 dBu
STEREO L/R outputs	RCA (unbalanced)
Output impedance	100 Ohm
Nominal output level	–10 dBV
Maximum output level	+6 dBV
EFFECT SENDS 1 and 2	6.3-mm TRS jack (unbalanced)
Output impedance	100 Ohm
Nominal output level	–10 dBV
Maximum output level	+6 dBV
MONITOR L/R outputs	6.3-mm TRS
Output impedance	100 Ohm
Nominal output level	–2 dBV
Maximum output level	+14 dBV
PHONES output	Stereo 6.3-mm jack
Maximum output level	55 mW + 55 mW (into 30 Ohm)
Digital inputs and outputs	
DIGITAL input	RCA jack
Data format	IEC60958 Type II (SPDIF)
DIGITAL output	RCA jack
Data format	IEC60958 Type II (SPDIF)

Audio performance

Sampling frequency	44.1 kHz
Word length	16-bit/24-bit (user-selectable, per song)
Crossfade time	10 ms
Number of tracks, playback/recording	24 simultaneously/ 8 simultaneously
Virtual tracks	250 per song
Frequency response	
INPUTS A to H --> STEREO / EFFECT SEND / MONITOR	20 Hz – 20 kHz +1.0/–1.0 dB (trim at max.)
Noise level (inputs 1500hm terminated, faders at nominal, 20k LPF)	
INPUTS A to H --> STEREO/EFFECT SEND	<90 dB(A)
INPUTS A to H --> MONITOR (trim at min.)	<82 dB(A)
Dynamic range (faders at nominal, 20k LPF)	
INPUTS A to H --> STEREO/EFFECT SEND/MONITOR	>96 dB(A)
Crosstalk (1 kHz, trim at minimum, 1 input at max, faders at nominal, 20k LPF)	
INPUTS A to H --> STEREO/EFFECT SEND/MONITOR	>80 dB(A)
Total Harmonic Distortion (inputs at max., 20k LPF, trim at min.)	
INPUTS A to H --> STEREO/EFFECT SEND/MONITOR	<0.01 %

Power supply and other specifications

Power requirements	230/240 V AC, 50/60 Hz
Power consumption	41 W
Applicable electromagnetic environment	E4
Dimensions (W x D x H)	545 mm x 355 mm x 145 mm
Weight	8 kg



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www.tascam-europe.com

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