

## 2488 Integrated 24-Track Recording Workstation

- ▶ 24-track recording at 44.1kHz/24-bit
- ▶ 36-channel mixer
- ▶ 3-band EQ on 24 channels, 8 inputs and tone generator with high and low sweepable shelving bands and full parametric mid band
- ▶ Three aux sends on all input, track and tone generator channels
- ▶ Loop effect provides reverb, delay, chorus and more
- ▶ Up to eight assignable dynamics processors for compression during recording or mixdown
- ▶ Assignable Guitar multieffects processor for distortion, flange and more
- ▶ Dedicated Stereo Compressor on the stereo output
- ▶ Eight inputs: 4 XLR with phantom power, four 1/4" mic/line inputs
- ▶ Twenty 45mm faders including master fader
- ▶ Large LCD display for viewing meters and edit parameters
- ▶ CD-RW drive to record mixdown, import/export WAV files and backup hard drive
- ▶ 64-voice General MIDI sound module
- ▶ Standard MIDI File player
- ▶ High-speed USB 2.0 jack connects to PC for data backup and SMF/WAV file transfer

The TASCAM 2488 brings the hit-making power of 24-track recording and mixing home to musicians everywhere. With an incredible 24 tracks of recording – the same format used by professional studios and big-name rock bands – artists can create the full arrangements listeners are used to hearing. And with its built-in 36-channel mixing console, MIDI tone generator, great-sounding effects and built-in CD-RW, the 2488 provides all of the tools you need to create pro-quality CDs.

For many artists, 8 or 16 tracks isn't enough. Popular music these days is layered with dozens of loops, guitar overdubs, synths and effects. The 2488's 24 recording tracks give you the flexibility to layer guitars or experiment with new sounds. And since all 24 tracks record at full 24-bit resolution, you don't need to trade off your track count for the best sound quality.

The 2488 can record 8 inputs simultaneously to its 40GB\* hard disk. The four XLR jacks with phantom power welcome high-quality condenser microphones, and four additional 1/4" TRS mic/line inputs are also provided. The 2488 also has a pair of digital inputs and outputs for connecting to computers and digital effects.

When even 24 tracks isn't enough, like when you want to try a vocal performance over and over, the 2488 has 250 virtual tracks so you don't need to record over previous takes.

A 16-part, 64-voice MIDI tone generator is provided for adding synths and

drums to your arrangements. A MIDI sequence player is also included so you can import Standard MIDI Files.

The extensive 36-channel mixer allows you to mixdown all 24 tracks, the tone generator, the effects, and the eight inputs. A 3-band EQ and three aux sends are available on all input, track and tone generator channels. The internal processor adds effects like reverb, delay, chorus and more to polish your tracks. Up to eight dynamics insert ef-



fects are provided to add compression while recording or mixing, and guitar FX and stereo mix compression are also available.

When your mix is complete, the built-in CD-RW drive writes your mix to a CD. Premastering and finalize functions help you to ensure that your mixes sound their best before burning. The 2488's high-speed USB 2.0 port – backwards compatible with standard USB 1.1 – can also be used to import and export WAV files or transfer your tracks and mixes to a computer without using a CD, so that your final mixes can be mastered on computer or uploaded for distribution.

\* HD Size subject to change

## Home Recording

The 2488 does everything you need to record, mix and master your own CDs. It features 8 mic inputs – four with phantom power – for connecting high-quality microphones. There's even an instrument-level input for connecting a guitar or bass. Since it records at 24-bit resolution, you're sure to capture every detail of your performance. Even if you only have one or two mics, you can build up an arrangement, track-by-track, until you have a 24-track arrangement. For example, use the Loop Paste function to automatically paste a drum loop through your song.

The 2488 has a 36-channel mixer, which allows you to mix all 24 tracks plus the eight inputs and built-in MIDI tone generator. Each of these channels has three aux sends and three-band parametric EQ for shaping your mix. An internal loop effect send and return are also provided to add effects like reverb, delay, chorus and more. You even get compression and guitar effects which can be as-



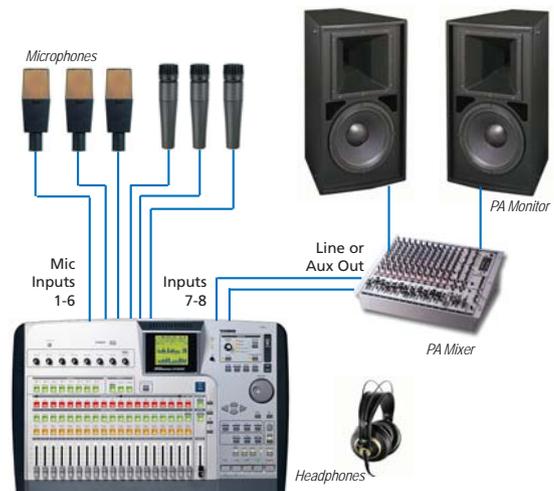
signed to any mixer channel, and a dedicated stereo compressor on the master output bus. When you've perfected your mix, you can capture it to the drive for mastering, then burn it to a CD or transfer it to a computer using USB or USB 2.0 for MP3 encoding and sharing.

## Live Recording

The eight low-noise mic preamps on the 2488 are ideal for capturing a dynamic live performance. For a great live mix, first get a stereo output from the live sound board. Since drums and guitars are usually loud enough without going through the PA, the sound board mix usually doesn't have much of these instruments. Take four mics and put them on the drums and guitar so you can mix these in later. Finally, put a pair of mics (or stereo mic) in the middle of the crowd to record the audience and the sound of the room. A flexible, easy-to-use digital patchbay lets you route any input to any track while you monitor levels with the large, backlit LCD display. There's even a loud headphone output so you can monitor during the gig.

After the performance, you can mix down the eight tracks to create a stereo mix. Use the internal effects or bring in a pair of effects processors to polish your sound. You can even punch in over the live recording to replace a wrong note after the fact. Use the 2488's eight dynamics processors to

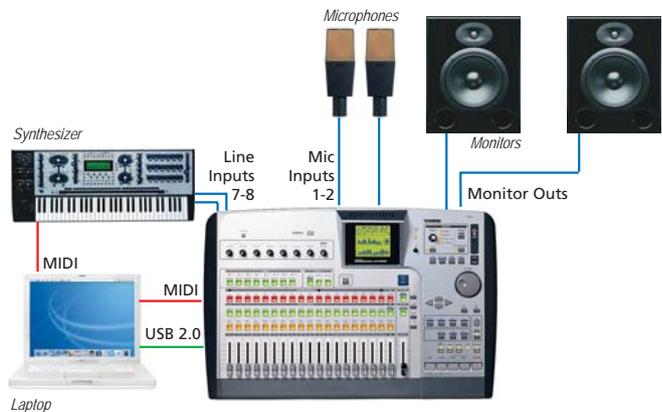
keep your volume levels steady and add punch to the bass and drums. When you have a mix you like, you can burn CDs to sell at your next gig, make a demo to get into better clubs, or transfer the mix to your computer for uploading to your band's website. The 2488 is even compact enough to bring along to band rehearsals, so you can record every practice.



## MIDI Sequencing

The 2488 excels in a MIDI sequencing environment, especially when your computer and hard drive aren't fast enough to record audio. Use your favorite sequencing program on your desktop or laptop computer, connecting synthesizers to the computer's MIDI interface for recording. Connect another cable to the MIDI input of the 2488 to access its 64-voice, 16-part multitimbral tone generator. The built-in synth module features great piano, bass, strings, drums and more, all arranged in the General MIDI standard. You can even transfer your MIDI sequence to the built-in Standard MIDI File player with integrated tempo map.

It's simple to record audio tracks on the 2488 while staying in sync with your sequencer using MIDI Timecode. Powerful track editing features allow you to fix mistakes, copy and paste sections, or silence a track to quiet noisy sources. When you're



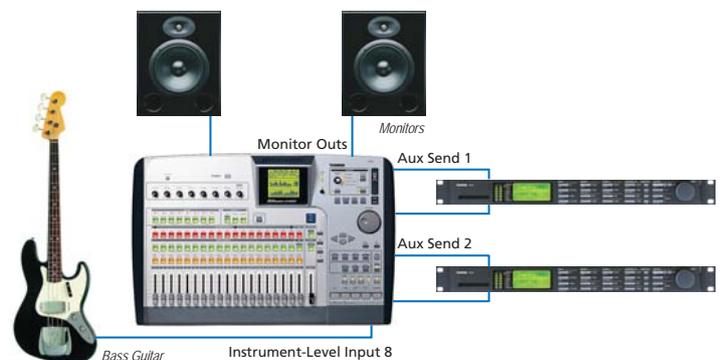
ready to mix, use the 36-channel mixer to sum together all 24 tracks, plus the eight inputs for your synthesizer tracks. The 2488 can even receive MIDI volume and pan commands so you can automate your mix. You can transfer the finished mix back to your computer using USB or USB 2.0, or burn a CD with the internal CD-RW drive.

## Project Studio Recording

As your studio grows, the 2488 will be powerful and flexible enough to incorporate new processors and other studio gear. Four of the eight microphone inputs supply phantom power for high-quality microphones, and a front panel instrument input is provided for direct recording of guitar or bass. There's even a digital input and output for connecting CD players, DAT recorders or computer interfaces. A dedicated monitor section allows you to monitor a variety of sources, adjust the playback level and even check your mix in mono.

The 2488 sports a powerful 36-channel mixer, enough for the 24 tracks of recorded audio plus effects returns, the MIDI tone generator and the eight inputs. Three-band EQ is offered on every input, track and tone generator channel, plus a loop effect and up to eight dynamics processors to add compression to your mixer channels. The high and low EQ bands are sweepable shelving controls, and the middle band is fully parametric for pinpoint control over your sound. The 2488 offers a choice of eight dynamics processors or

four dynamics plus a guitar effects insert, and a stereo compressor is always available for the master output. You also get three aux sends, one for the internal loop effect and two for external effects processors, to add the final touch to your mix. When your mix is finished, you can burn a CD with the internal burner, transfer to a computer using USB or USB 2.0, or record it digitally to your favorite mixdown device. The CD drive can also be used for importing and exporting WAV files and for backing up the hard drive.



## 2488 Connections



- ▶ (4) Combo XLR / 1/4" TRS Mic Inputs
- ▶ (1) Phantom Power switches (sends +48V phantom power to mic inputs 1-4)
- ▶ (4) 1/4" TRS Line Inputs
- ▶ (1) 1/4" TS Instrument Level Input
- ▶ (2) 1/4" TRS Control Room Outputs
- ▶ (2) RCA Stereo Outputs
- ▶ (1) RCA S/PDIF Stereo Digital Input
- ▶ (1) RCA S/PDIF Stereo Digital Output
- ▶ (1) 1/4" TRS Headphone Output
- ▶ (2) 1/4" TS Effect Sends
- ▶ (2) 1/4" TS Footswitch jacks (Punch, Expression)
- ▶ USB 2.0 jack (backwards compatible with USB 1.1)
- ▶ MIDI Input
- ▶ MIDI Output

## 2488 Effects

### Multi Effect

- ▶ Distortion-Flanger
- ▶ Distortion-Phaser
- ▶ Distortion-Chorus
- ▶ Distortion-Exciter
- ▶ Distortion-Pitch
- ▶ Distortion-Tremolo
- ▶ Distortion-Vibrato
- ▶ Distortion-Wah
- ▶ Compressor-Flanger
- ▶ Compressor-Phaser
- ▶ Compressor-Chorus
- ▶ Compressor-Exciter
- ▶ Compressor-Pitch
- ▶ Compressor-Tremolo
- ▶ Compressor-Vibrato
- ▶ Compressor-Wah

### Mic Effect

- ▶ Compression
- ▶ Exciter
- ▶ De-Esser

### Single Effect

- ▶ Reverb
- ▶ Delay
- ▶ Chorus
- ▶ Pitch Shift
- ▶ Flanger
- ▶ Phasor
- ▶ Gate + Reverb
- ▶ Compressor-Wah

### Tuner

- ▶ Tuner



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