

## DM-3200 32-channel Digital Mixing Console

- ▶ 32 channels and 16 auxiliary returns for 48 total inputs
- ▶ 16 busses
- ▶ 8 aux sends
- ▶ 16 analog mic/line inputs with phantom power for condenser mics and analog inserts
- ▶ 24 channels of TDIF and 8 channels of ADAT built in
- ▶ 2 expansion card slots support optional FireWire, ADAT, AES/EBU, Analog & TDIF cards
- ▶ Dedicated cascade port supports cascade of two DM-3200s
- ▶ Per channel LED ring encoders and alternate fader layers for pan, aux sends and EQ
- ▶ Built-in DAW control
- ▶ Transport controls
- ▶ Powerful automation with touch-sensitive motorized faders
- ▶ EQ and compression on each channel
- ▶ Built-in effects processing
- ▶ Flexible routing
- ▶ Offload data to convenient Compact Flash media using built-in CF slot
- ▶ Optional MU-1000 meter bridge (as shown)
- ▶ Stylish, professional design with rear panel I/O connections
- ▶ TASCAM Mixer Companion software (Win®XP/OSX) with driverless USB connection to computer, backup/restore data via USB and on-screen timecode, transport and meter displays

Whether you're recording a big band, juggling a live event, or mixing down from DAW tracks in a home studio, the DM-3200 is the ultimate conduit between you and the perfect mix.

The DM-3200 is a 32-channel digital console with 16 additional returns, for a total of 48 inputs available during mixdown. Each channel has four-band

Hidden away on the rear panel are 16 high-quality mic pres with phantom power and analog inserts, a plethora of TDIF, ADAT, AES and S/PDIF digital I/O and two expansion slots for customizing your connections to recorders and workstations. One of the most unique expansion cards is the IF-FW/DM, which provides multichannel audio I/O to a computer over a single FireWire



parametric EQ, dynamics and access to the 16 busses and 8 aux sends. You get all of these features at 96kHz resolution too –you don't lose any inputs or processing at high resolution.

The mixer surface is easy to operate, with dedicated buttons for most commonly-used features, 17 great-feeling 100mm motorized faders and 16 encoders with LED displays. The DM-3200 includes Mackie Control™ and HUI™ emulation for controlling DAW recording and playback, presented on a dedicated fader layer. All of the settings in the board can be stored or recalled with a single button press and even backed up to a Compact Flash card.

connection with no need to buy a computer interface. Another expansion card adds powerful surround monitoring – including downmixing and bass management – for 5.1 and 6.1 environments.

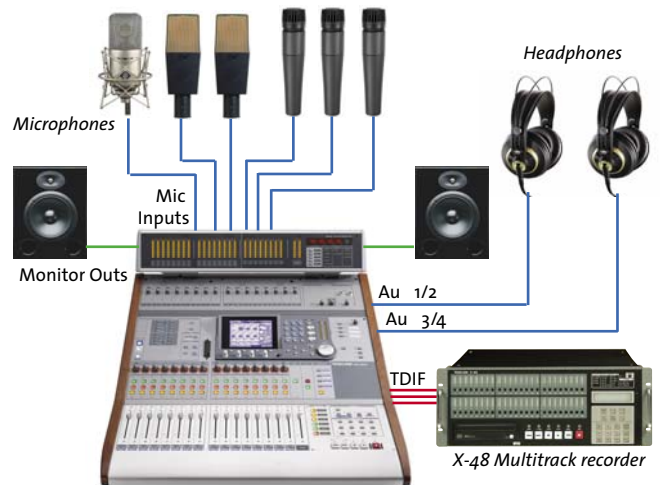
Two built-in effects processors can each run the TC Works™ Reverb processor. Many of the features that made the DM-24 successful, like powerful automation, routing, and a simple user interface have been carried over and improved upon for a fast, reliable, great-sounding mix solution.

## Music Tracking

When you're tracking a band in your studio, there are certain features that musicians and producers demand from a recording console. The DM-3200 gives you eight aux sends so that you can give individual cue mixes to each musician and have some left over to buss to the two built-in effects. It has a professional control room section with talkback mic and slate functions as well as three playback source selection switches.

For recording large ensembles you get 16 microphone preamps, each with analog insert, phantom power (selectable in groups of four) and a -20dB pad switch. Four assignable analog inputs are provided, for inserting your favorite tube compressor on a console channel, or you can use the 4-band EQ and dynamics found on every channel.

When the sound is dialed in, send that channel to its own track with the Direct button or combine inputs to the 16 busses. There are plenty of digital and analog I/O options to combine stand-alone hard



disk recorders (like the TASCAM X-48), analog tape recorders or computer-based DAW recorders. The affordable DM-3200 handles all of the routing and bussing you need in a professional studio, allowing you to concentrate on running your session.

## Post Production and Gaming

Mixing inside of a computer is difficult enough in stereo, and when you start working on surround projects, managing and monitoring all of the ins and outs becomes more like air traffic control. The DM-3200 becomes your control center for mixing large projects with dozens of channels. It can mix your tracks with one snapshot, and with two button presses you're ready to transfer them to a dubber or video deck.

Just connect your DAW interface, like Digidesign's 192 Digital I/O for Pro Tools®, to one of the digital connections on the rear panel (or use our optional IF-FW/DM FireWire interface card). The DM-3200 even acts as a HUI controller for Pro Tools, allowing you to mix some channels in the DAW and others in the console.

The DM-3200 is an outstanding choice for mixing in surround, with 5.1 and even 6.1 automated panning. The 16 busses become two surround

busses in surround mode, allowing you to buss channels to discrete stems. The optional IF-SM/DM Surround Monitoring card provides downmixing to stereo, individual output solo/mute and bass management features to the console.

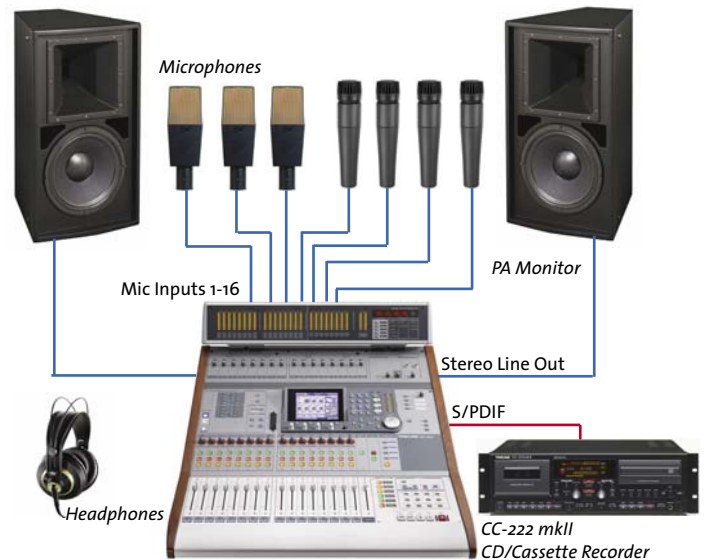


## Live Sound and House of Worship

Like the DM-24, the DM-3200 makes a reliable choice for sound reinforcement. Its 16 mic inputs give you plenty of channels for performances or services, and more mic inputs can be added as needed using external rackmount preamps with digital outputs. Each of the 32 channels features four-band parametric EQ, gating and compression processing. Two built-in effects processors can access a variety of great-sounding effects processors, including a reverb processor by TC Works.

If you're the one installing the DM-3200 into a facility, you can program a variety of settings and back up your programs to a Compact Flash card. Recalling snapshots is done using dedicated buttons on the front panel, so loading a mixer setting is as simple as changing channels on a TV remote.

The rear panel of the DM-3200 is well-stocked with balanced and digital I/O, allowing ample connectivity to crossovers, as well as CD and cassette recorders such as our popular CC-222 mkII.

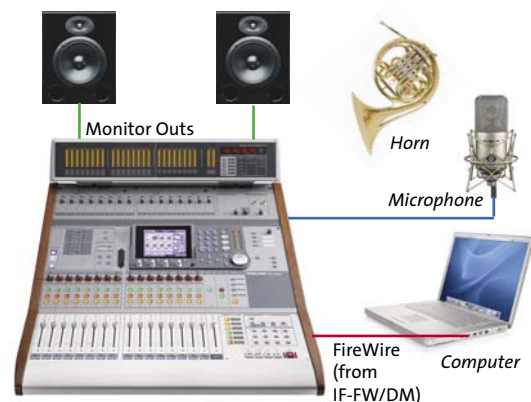


## Project Studio Recording

Add the optional IF-FW/DM interface card to the DM-3200, and it becomes the ultimate computer interface and mixing surface for your workstation software. The IF-FW/DM allows a single FireWire cable to transmit 32 channels from your computer to the DM-3200 and another 16 channels back to the computer for recording. Using this expansion card, no other interface or hardware is needed for 48kHz recording to a computer.

The DM-3200 has a fader layer, labeled "Remote," that's dedicated to controlling the mixing facilities in your DAW software. There are two modes of control: Mackie Control and Mackie HUI emulation. The DM-3200's solid transport keys can be mapped to your software in any fader layer, and adjustments to your software mixer is a fader layer away.

The DM-3200 + IF-FW/DM combination gives you the best of both worlds: computer recording and DAW control with world-class mixing, automation and monitoring features.



## DM-3200 Connections



- ▶ (16) XLR analog mic/line inputs with phantom power for condenser mics
- ▶ (16) 1/4" TRS analog inserts
- ▶ (16) balanced 1/4" TRS line inputs
- ▶ (3x) 8-channel TDIF digital ins and outs
- ▶ 8-channel ADAT optical digital in and out
- ▶ (2) expansion card slots support optional FireWire, ADAT, AES/EBU, Analog & TDIF cards (listed below)
- ▶ (2) stereo AES/EBU digital inputs and outputs on XLR connectors
- ▶ (2) stereo S/PDIF digital inputs and outputs on coaxial connectors
- ▶ Stereo XLR balanced line outputs
- ▶ Stereo 1/4" TRS balanced Monitor outputs
- ▶ Stereo RCA Studio outputs
- ▶ Stereo RCA 2-Track input
- ▶ (4) 1/4" TRS balanced Assignable Insert sends
- ▶ (4) 1/4" TRS balanced Assignable Insert returns
- ▶ RCA Timecode input
- ▶ MIDI In, Out and Thru connectors
- ▶ BNC Word Sync Input and Out/Thru with termination
- ▶ GPI output for control of external devices
- ▶ RS-422 connector for machine control
- ▶ USB 1.1 connector
- ▶ 1/4" Footswitch jack
- ▶ Dedicated cascade port supports cascade of two DM-3200 mixers
- ▶ Connector for (optional) MU-1000 meter bridge

## Available Options

- ▶ IF-FW/DM FireWire interface card
- ▶ IF-AD/DM 8-channel ADAT Optical I/O card
- ▶ IF-AE/DM AES-EBU interface card
- ▶ IF-AN/DM balanced analog I/O
- ▶ IF-SM/DM Surround Monitoring card
- ▶ IF-TD/DM TDIF digital I/O card
- ▶ MU-1000 Meter Bridge



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