

IF-FW/DM FireWire Expansion Card

- ▶ High-Speed FireWire (IEEE-1394) connection to computer directly from DM-24
- ▶ 24 inputs from computer to DM-24
- ▶ 24 outputs from DM-24 to computer
- ▶ Two FireWire jacks for daisy-chaining other FireWire components
- ▶ MIDI Input and Output ports
- ▶ Mac OS X and Windows XP compatibility



Taking advantage of the latest FireWire technology, the IF-FW/DM is a new computer interface card for the TEC award-winning DM-24 Digital Mixer. Using this card, studios can connect their DAW directly to the DM-24 with a single FireWire connection, adding powerful mixing, automation and processing capabilities to virtually any computer recording system.

For recording engineers and musicians who are comfort-



able working on a mixing console, using the DM-24 to control their recording software is an extension of the way they work. Already equipped with HUI emulation for DAW control, the IF-FW/DM allows the DM-24 to patch 24 channels into and 24 channels out of most DAW applications, bypassing the need for expensive audio interfaces. The DM-24 offers 32 input channels – 60 inputs during mixdown – allowing DAW users to incorporate the synthesizers, effects processors and recorders they've learned to rely on in their DAW sessions.

The processing capabilities of the DM-24 free the computer's CPU to add

tracks and plug-ins to the recording project. As recording software continues to add tracks and plug-ins get more complex, you can use the DM-24 to handle the mixing, EQ, compression and other processing tasks it excels at. The powerful automation system of the DM-24 also alleviates the processing pressure on the DAW, and many users prefer the DM-24's automation system over even very high-end consoles.

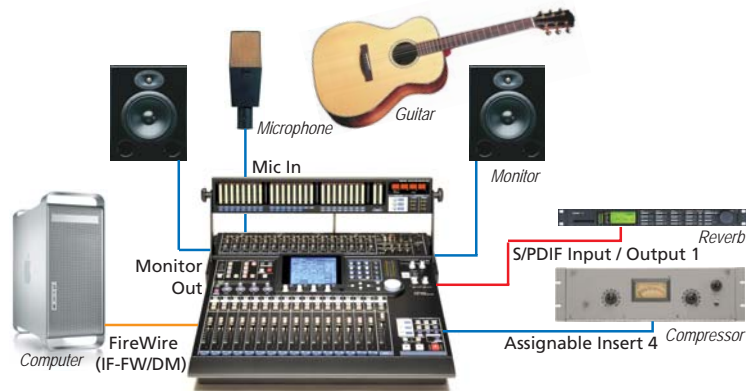
A second FireWire jack allows other FireWire devices to be daisy-chained on the same IEEE-1394 buss. There's even a MIDI Input and Output for controlling synths and other devices from your DAW software, or for controlling your DAW with the DM-24's HUI emulation.

The IF-FW/DM replaces thousands of dollars worth of computer audio interfaces with a simple, integrated solution. Your studio gets the editing and plug-in power that DAW systems deliver while keeping the flexibility and speed that recording consoles provide. Professional recording facilities know that using a mixing console with their DAW is often a more efficient, flexible and better-sounding solution than working with virtual mixers. By adding the DM-24 with an IF-FW/DM installed to your DAW system, you allow the DAW to do what it does best.

DAW Recording

By adding a FireWire connection directly to the DM-24, we've replaced the need for costly computer audio interfaces. The DM-24 is a very capable recording console, with 16 mic pres with phantom power, 32 input channels with 4-band EQ and great-sounding dynamics processing like compression and gating. The IF-FW/DM FireWire computer interface allows your computer to work more efficiently as an recorder/editor/plugin host, while the DM-24 handles mixing and I/O. It also has a MIDI input and output, for use with synthesizers, MIDI Machine Control, and effects.

Up to 24-channels of mic, line and digital sources can be simultaneously recorded to your computer DAW software at 48kHz. The DM-24 has three built-in effects processors for rich-sounding mixes. You can also use four of its six aux sends to take advantage of external hardware effects processors,



or use one of four assignable insert points during mixdown for use with compressors. By combining the DM-24's processing with external devices and your DAW's plug-ins, you can utilize the best features of all your studio's components.

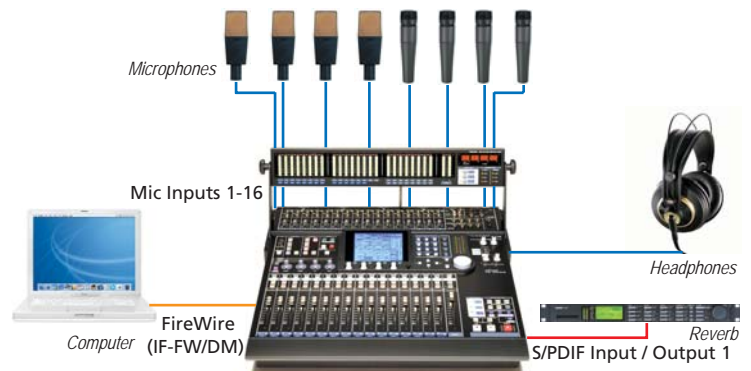
Live Recording

If you take your studio on the road, the DM-24 and IF-FW/DM are ready to record. With 16 mic preamps, 16 insert points and built-in compression and gating, the DM-24 carries a remote truck's worth of mixing power in a compact space. Add the MU-24 meter bridge for an instant view of your input levels, giving you time to stop distortion before it ruins a recording.

The sixteen high-headroom mic preamps can select phantom power in banks of four, giving you more choices while recording. Add a multichannel mic preamp with digital output when you need more than 16 microphone inputs. Its 16 moving channel faders can be flipped in an instant, for quick level changes and to monitor the 24 channels coming back from your computer DAW software. You can even start and stop the DAW's recording with the front panel transport keys.

You can also use the DM-24 as your front-of-house mixing console during the show, simulta-

neously recording the performance using the IF-FW/DM. Snapshot recall makes the DM-24 an ideal mixer for sound reinforcement or church services, allowing you to instantly switch mix settings for another song or performer.



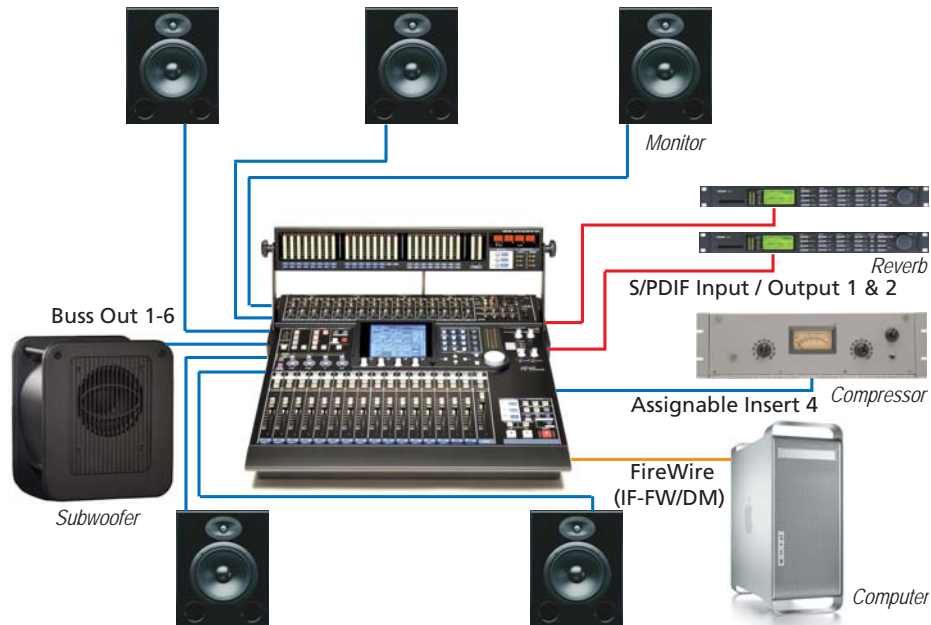
Surround Mixing

When track counts increase and projects are mixed in surround, even the most powerful computer can reach its limit. Offloading some of the mixing and processing duties to the DM-24 not only frees your computer up for more tracks and plug-ins, it allows you to work faster by eliminating the wait while your computer tries to handle the load.

The DM-24 with IF-FW/DM is a perfect match for studios mixing DAW tracks in surround. The powerful panning, bussing and automation systems of the DM-24 empower the mixing engineer to tackle the most complex mixes. You can even add the TASCAM DS-M7.1 Surround Monitor Controller if you need more control over your surround monitoring and bussing system. And since the DM-24 was purposely-built for professional mixing, all features – from switching effects to flipping faders and routing sources – are virtually instantaneous.

With the DM-24 handling the mixing and automation duties, your computer is available to take advantage of more demanding plug-ins. Add a hyper-realistic convolving reverb plug-in, like our new GigaPulse VST plug-in, or add a software sampler like GigaSampler. The DM-24 can also access your favorite hardware processors, from vintage compressors to surround reverbs, adding character and dimension to your mix.

One of the best things about this setup is that you can switch from stereo to surround mixing and back with just a few button presses. This makes the DM-24 with IF-FW/DM the perfect match for studios who work with lots of clients, each with their own special needs.



DM-24 Connections

- ▶ (16) XLR Mic Inputs
- ▶ (4) Phantom Power switches (control channels in groups of four)
- ▶ (16) 1/4" TRS Insert Jacks
- ▶ (16) 1/4" TRS Line Inputs
- ▶ (2) 1/4" TRS Control Room Outputs
- ▶ (2) RCA Studio Outputs
- ▶ (2) RCA 2-Track Inputs
- ▶ (2) XLR Main Outputs
- ▶ (2) 1/4" TRS Main Outputs
- ▶ (4) 1/4" TRS Assignable Send Outputs
- ▶ (4) 1/4" TRS Assignable Return Inputs
- ▶ (2) 1/4" TRS Headphone Outputs
- ▶ (3) 8-channel TDIF Digital Inputs/Outputs
- ▶ 8-channel ADAT Digital Input and Output
- ▶ BNC Word Sync In and Out/Thru with 75Ω termination



- ▶ RS-422 Machine Control
- ▶ GPI Output
- ▶ (2) XLR AES/EBU Digital Inputs
- ▶ (2) RCA S/PDIF Digital Inputs
- ▶ (2) XLR AES/EBU Digital Outputs
- ▶ (2) RCA S/PDIF Digital Outputs
- ▶ RCA SMPTE Timecode Input
- ▶ MIDI In, Out and Thru
- ▶ (2) expansion slots support ADAT, TDIF, AES/EBU, cascade, analog or FireWire expansion