



## MINIMUM SYSTEM REQUIREMENTS:

- Windows® 2000 SP4 or Windows® XP Professional SP1 or greater
- Computer with high speed USB (USB 2.0) interface

**The FTR DMX8 USB Mixer** is a software-controlled hardware solution that combines the functions of an 8-input to 4-channel mixer with a 4-channel audio encoder card in a single compact device. This means that all analog signal processing takes place within the mixer and the four digital recording channels are delivered via PCM stream to the recording computer through the USB 2.0 interface. The DMX8 USB Mixer presents itself as a standard Antex LX 44 sound card to all FTR applications.

The eight inputs are software configurable to accept either dynamic, condenser or line-level inputs. All input channels are mixable to four discrete channels for recording, and four mono (mix-minus) output channels are available for delivery to teleconferencing and videoconferencing applications. A master composite output of all input channels is available for delivery of audio through a public address system.

The simplicity of the DMX8 USB Mixer makes it an ideal choice for courts that need excellent audio performance and reliability in a wide variety of digital recording environments. It's easy to install and configure because it connects via the USB 2.0 interface and the host software provides complete control of internal configurations. The 4-channel recording capability ensures you'll capture and understand the entire record.

And because it's portable, you know you can produce a clear, reliable record whether you're recording a trial in a courtroom in the same building, or in one that's located in a rural or outlying area.



**DMX8 USB Mixer**

# How the DMX8 USB Mixer Helps Your Court Function More Efficiently



**ForTheRecord®**

## VERSATILE!

- Combines 8-input to 4-channel mixer with 4-channel audio encoder card functions in a single device.
- USB 2.0 interface ensures easy installation and configuration.
- Includes eight (8) XLR microphone and/or line inputs.
- Includes five (5) general purpose analog audio outputs.
- Host software interface gives you complete control of internal configurations.
- Includes software-enabled phantom power to support different types of microphones.
- Supports audio input and output to telephone and video teleconference systems.
- Compact design works equally well in fixed and portable environments.
- Power and independent peak input LED indicators for each channel.
- Compatible with all FTR applications.



### ANALOG INPUTS

Quantity	8
Connector	XLR-F
Input Level	-60 to +10 dBu (0.775m to 2.5VRMS)
Input Impedance	1k ohms
Phantom Power	Software enabled by channel, +12V
THD+N	0.025% condition: -30dBu input (25VRMS)
CMRR	80dB
Frequency Response	20 to 20kHz ± 3dB
DR Compression	Available
Noise Gating	Available
Trim Control	Software controllable, >90dB range, 0.5dB steps

### MIXER

Recording Device Source Selection	Any combination of the 8 inputs for each of 4 Recording outputs to USB
Monitor Source Selection (1 to 4)	Any combination of the 8 inputs for each of the Monitor outputs 1 to 4
Monitor Source Selection (All)	All 8 inputs mixed down to 1 output

### COMPUTER INTERFACE

Operating System Support	Windows XP SP1, Windows XP Pro SP1
USB	Hi-speed USB (USB 2.0) required for full functionality
Audio Wave Devices	2 or 4 mono recording devices (1 or 2 stereo)
Mixer Control	Full function software control running on host computer

### A/D and D/A CONVERSION

Conversion	16 bits
Conversion	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz
Physical Recording Devices	4

### AUDIO MONITOR OUTPUTS

Monitor (All)	Balanced +20 dBu nominal full scale output level _: TRS
Monitor 1	Unbalanced RCA, 2VRMS nominal full scale output level
Monitor 2	Unbalanced RCA, 2VRMS nominal full scale output level
Monitor 3	Unbalanced RCA, 2VRMS nominal full scale output level
Monitor 4	Unbalanced RCA, 2VRMS nominal full scale output level
Trim Control	Software controllable, >90 dB range, 0.5 dB steps

### INDICATOR LEDs

Power	Green LED indicator for power "on"
One LED per input channel	Green indicates audio activity Red indicates compression threshold is reached

### GENERAL

Power	85-240 VAC, 50-60 Hz switchable
AC Input	Removable IEC plug
Certifications	cUL 1409 or equiv., CE/FCC Part 15 Class A
Size	394 mm x 272 mm x 65 mm - with feet 394 mm x 272 mm x 54 mm - without feet 15.5" x 10.7" x 2.6" - with feet 15.5" x 10.7" x 2.2" - without feet
Weight	approx 5 lbs (2.3 kg)
Operating Environment	0-40C, 0-95% RH non-condensing

AUTHORIZED RESELLER:

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