

TRIDENT 88





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32 Channel VU Meter Bridge Option

88 Inputs All with EQ

8 Channel

40 Inputs All with EQ



16 Channel VU Option

56 Inputs All with EQ



24 Channel

72 Inputs All with EQ



40 Channel VU Option

104 Inputs All with EQ



Overview

The Trident 88 is a classically styled, in-line, eight-buss analog console and an advancement in lineage of the revered Series 80 mixing desks. Designed with manufacturability in mind, the 88 is artfully constructed for ease of use and workhorse reliability. Available in stock configurations of 8, 16, 24, 32 and 40 channels, the model 88 is sized to fit the modern, high end facility - whether private, institutional, or professional. Along with the pleasingly familiar routing and feel of a classic Trident desk, are modern refinements that serve to improve functionality, workflow and performance specifications. For example, integration with outboard processors and mic pre's, such as 500 format, is provided simply and elegantly by means of an exclusive, switchable input, which bypasses the channel preamp circuitry and allows for insertion of external signal sources directly to the channel equalizer.

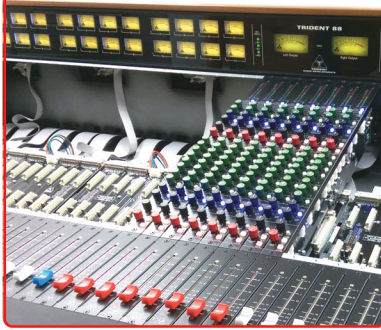
Being a Trident, the equalization is of course, wonderful and on the 88 - it is also plentiful, on the channel, monitor, effects returns and group sections. In the area of customizability, the 88 has options for VU metering, transformer I/O, automation, short loading and channel configurations exceeding forty inputs. Features found throughout the 88 make for a straightforward and powerful package, but paramount to all else is The Sound. Among the many styles, preferences and methods of recording exists the expectation that a board must have the ability to be pushed hard and sound big. This is a hallmark of the series 80 consoles and the 88 carries that tradition forward. Bottom line: The Trident 88 was created with all of this in mind so that you can use it to make great sounding tracks.



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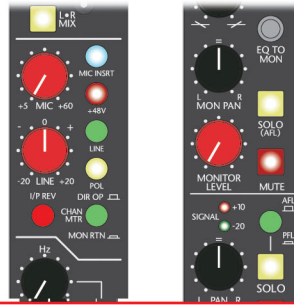
Fully Modular

- Faders, channels, groups, and master section are individually removable.
- All rear connections are also removable.



Split/Inline Console

- Dual Input to the Channels - line and monitor
- Four band, sweepable channel EQ, is switchable with monitor Tilt EQ.



Microphone Preamp:

- Discrete Class A
- 60dB gain
- Electronically balanced input, with optional transformer balancing via Lundahl LL1538
- Full bypass insert



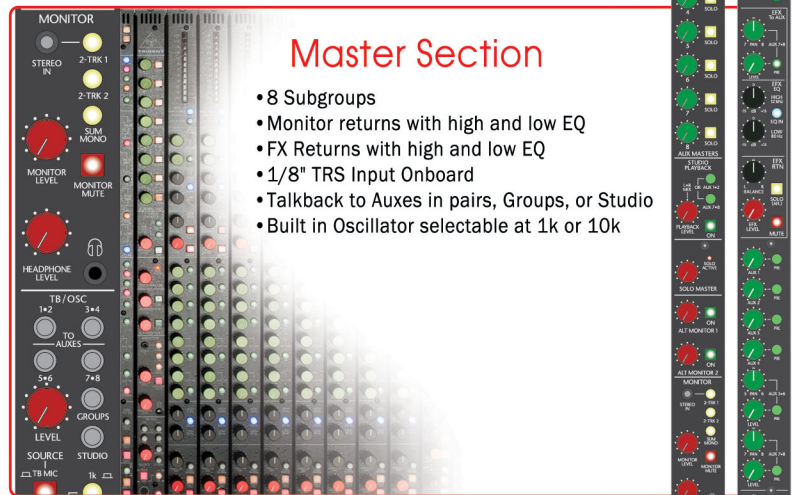
Incredible EQ

- High and low shelving
- Low/high mid peaking
- 4 Sweepable bands boost/cut to +/-15dB.
- 50Hz high pass filter
- Insert pre/post eq
- Monitor in: Tilt
- Group FX Returns: 12kHz and 80hz shelving
- Group Monitor Returns: 12kHz and 80hz shelving



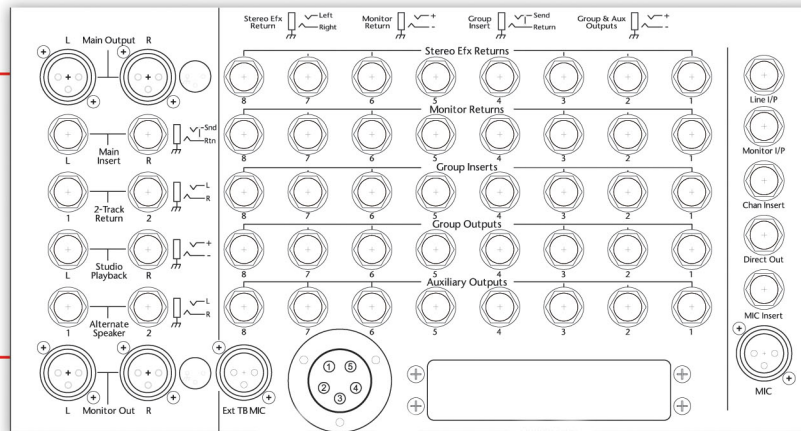
Master Section

- 8 Subgroups
- Monitor returns with high and low EQ
- FX Returns with high and low EQ
- 1/8" TRS Input Onboard
- Talkback to Auxes in pairs, Groups, or Studio
- Built in Oscillator selectable at 1k or 10k



Connections

The Trident 88 Features a rear connection panel with amazing routing capabilities.



Specifications

Input Impedance			
Microphone:	>2KΩ electronically balanced		
Line:	>10KΩ electronically balanced		
Output Impedance			
Left/Right, Monitor O/P, Group and Auxes	<60Ω (Outsmarts® Drive)		
All other Outputs	<100Ω		
Frequency Response			
Mic Input to Mix Output	<+0, -0.3dB 20Hz to 80KHz @ 6-40 dB gain		
Line Input to Mix Output	<0, -0.3dB 20Hz to 60KHz @ 0 dB gain.		
Distortion/Noise (T.H.D +Noise) at +15dBu Output			
Mic XLR Input to any Output (-20dBu input)	<0.005%		
Line Input to any Output	<0.003%		
Monitor/Tape Return Input to any Output	<0.003%		
Noise			
Mic EIN (20-20KHz, 150Ω source, 60dB gain)	<-128.5 dBu		
Residual Bus Noise (Output fader at min)	<-95 dBu		
Bus Noise (40 inputs continually assigned)	<-81 dBu		
(24 Input Mon/Tape Returns, 8 EFX Returns and 8 Master Tape Returns)			
Bus Noise (24 inputs routed equiv. to 64 Inputs)	<-77 dBu		
Crosstalk			
Adjacent Channel:	<-90dB (@20KHz)		
	<-110dB (@1KHz)		
Channel Fader Mute			
Monitor/Tape Return Mute	<-95dB (20Hz to 20KHz)		
Mix/Bus Assign	<-85dB (20Hz to 20KHz)		
Aux to Aux	<-80dB (20Hz to 20KHz)		
	<-80dB (20Hz to 20KHz)		
Phase			
Mic Input to Direct Out	+17o to -8o 20Hz to 20KHz		
Mic In to Mix Output	+25o to -17o 20Hz to 20KHz		
Line In to Mix Output	+25o to -20o 20Hz to 20KHz		
Monitor/Tape Return to Mix Output	+15o to -20o 20Hz to 20KHz		
Maximum Input			
Mic (XLR) Input (at min gain)	+17dBu		
Mic (1/4") Input (at min gain)	+42dBu		
Line (at min gain)	+42dBu		
Channel Insert Return	+22dBu		
All Output Insert Returns	+28dBu		
Maximum Output			
Mix, Group, Aux, Monitor Outputs	+26.5dBu (Into 600Ω)		
Insert Send, Studio, Alt Outputs	+22dBu (Into 2KΩ)		

Specifications Subject to Change without Notice



PMI Audio US: 1845 W. 169th Street, Gardena, CA 90247 TEL: (1) 310.323.9050
 PMI Audio UK: 4, Minerva Court, Woodland Close, Torquay TQ2 7BD, England TEL: +44 (0) 1803.612.700

TRIDENTAUDIODEVELOPMENTS.COM