



Trident 88



Trident Audio Developments continues our legacy with the release of the Trident 88; a fully modular, split inline, 8 bus console. The 88's design borrows from the history of its predecessors and matches classic sound with advanced modern functionality and performance. This desk has a host of configuration options which include custom wood trim, optional transformer inputs and outputs. The evolution of analogue is here.

Customized

The 88's Channels feature a fully discrete Class A design mic pre with the option to add Lundhal transformers to any number of channels you like.

Fully Modular

All channels, faders and connections are easily removable for service and maintenance.

Incredible EQ

A 4 band fully sweepable Trident EQ is at the core of this console. Every channel not only has a full EQ but also a Tilt EQ on the Monitor section.

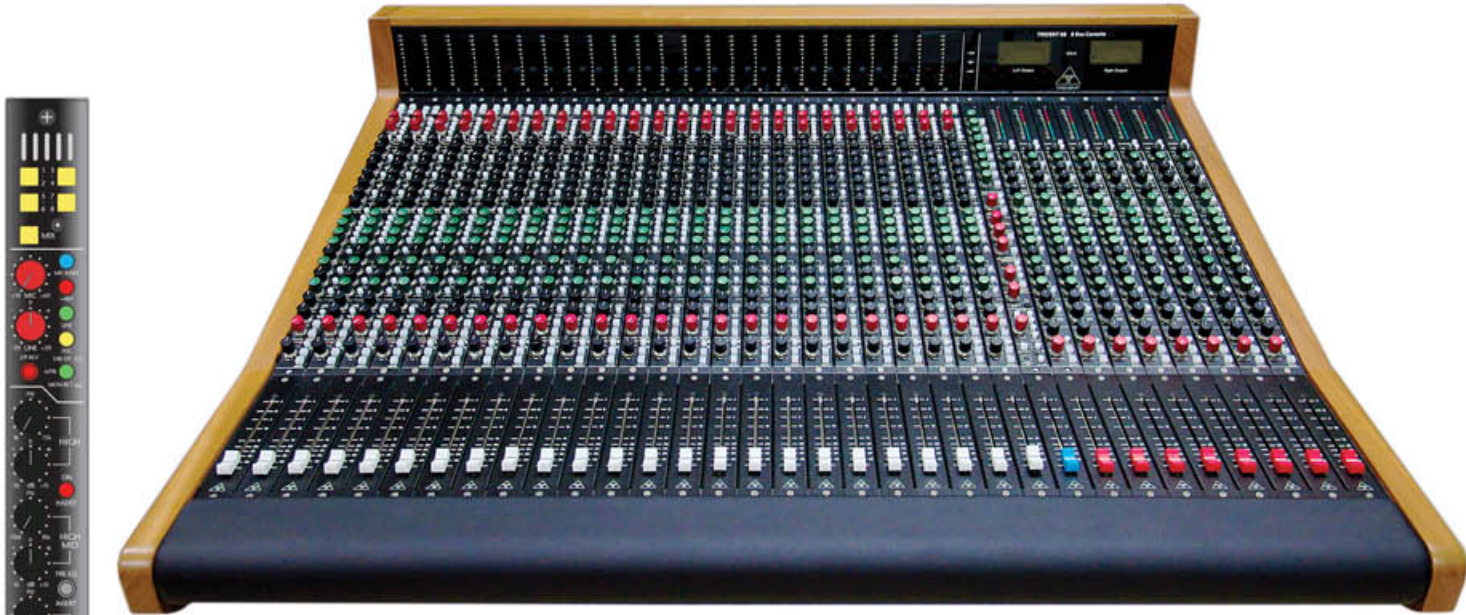


TRIDENT AUDIO DEVELOPMENTS® is part of the PMI Audio Group®

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Master Section:

The master section features 8 AUX Masters each with Solo, AFL/PFL Master with level adjustment. In addition to you main speaker outs there are also 2 separate ALT Monitors, each with level control and on/off switches. Easy studio playback through Mono Auxes 1&2, as well as stereo over Aux 7/8. The Monitor section allows the return of 2 separate stereo signals direct into the master section with level and mute. Or plug your portable device directly into the panel with a top mounted 1/8th inch TRS input. Through Talkback control you can talkback to the Auxes in pairs, or the groups, or to the studio. Either through the onboard talkback mic or an external mic.

Monitor Section:

The Trident 88 is a split in-line console. This means you have inputs per channel to allow you to easily switch your workflow from tracking to mixing. On top of that all the of the Monitor inputs have their own TILT EQ. This means you have 2 inputs per channel, each with EQ.

AUX Section:

The Trident 88 features 8 Aux sends all with pre or post fade selection, accessible on every channel. AUX 1/2 and 7/8 can be sent to the Monitor section. AUX 5/6 & 7/8 are both stereo with pan control for each.

Channel Feature Highlights:

Separate Mic and Line Gain Control: Independently set your Mic and Line levels on each channel.
I/P Reverse Switch: Flips channel input to the monitor section.
Meter Select Switch: Allows you to choose metering from the Direct Out or Monitor Return

Mic Pre:

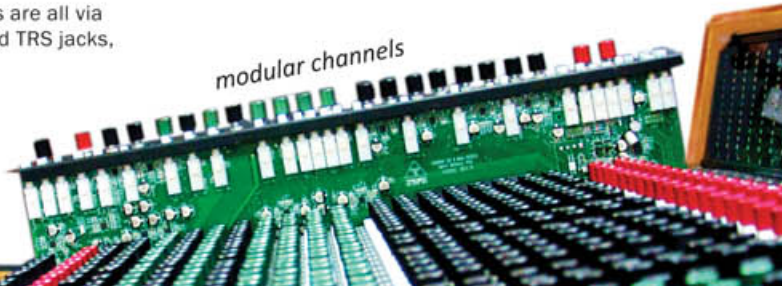
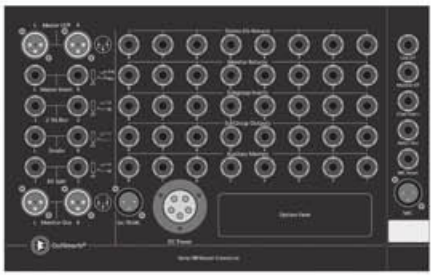
A fully discrete Class A design mic pre with the option to add a Lundahl transformer to as many channels as you like. In addition the preamp has a full bypass post fader insert point that allows you to easily incorporate any external preamp from your collection or 500 Series rack.

EQ:

A 4 band fully sweepable Trident EQ is at the core of this console. Every channel not only has a full EQ but also a Tilt EQ on the Monitor section. In addition there is the ability to switch the full EQ from the Input path to the Monitor path. Furthermore the EQ has its own independent Insert. Like the preamp you can also insert to the EQ path and either bypass the EQ for any other outboard EQ or use them in conjunction with each other.

Connections:

The Trident 88 connections are all via high quality 1/4" Balanced TRS jacks, and XLR Combo jacks."



Trident 88 Specifications

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