



Fully Modular Design

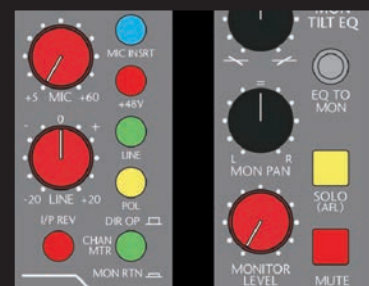
Designed with manufacturability in mind. The Trident 88 was made from the ground up to be a rugged and reliable console. We went to great lengths to make sure that the 88's are easy to build and equally easy to maintain. The 88 is designed so that the entire console can be serviced with a single screw driver. Motherboards are shock-mounted with rubber standoffs to isolate them from the chassis and provide additional protection from structure born stresses. A channel can be swapped in matter of minutes and the console will continue to function if one or more channels are removed.

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

Split/Inline Console

Having a Split/Inline console effectively will double your inputs to your stereo buss. This has become more and more a common configuration for recording consoles in today's market. We took it a step further and add an EQ to the monitor path that can also be swapped with the main channel EQ.

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



Microphone Preamp

Incorporating a Discrete Class A preamp to the 88's is a departure from previous Trident console preamps in the 80 Series. This give's the 88's a higher quality stock preamp from the start and also incorporates the option to add a Lundahl transformer to any channel desired.

- Discrete Class A
- 60dB gain
- Balanced input, with optional Lundahl LL1538 transformer
- Full bypass insert



Console EQ

Expanding the great success of 80 Series recording consoles is only logical. Taking the highly regarded 80B EQ and improving on it with the 80C EQ was a great step forward for its time. The 80C EQ took all of the great sound of the 80B and gave it even more control. Keeping the 80C EQ as the brawn of the 88's was decision that required no second thought.

- 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

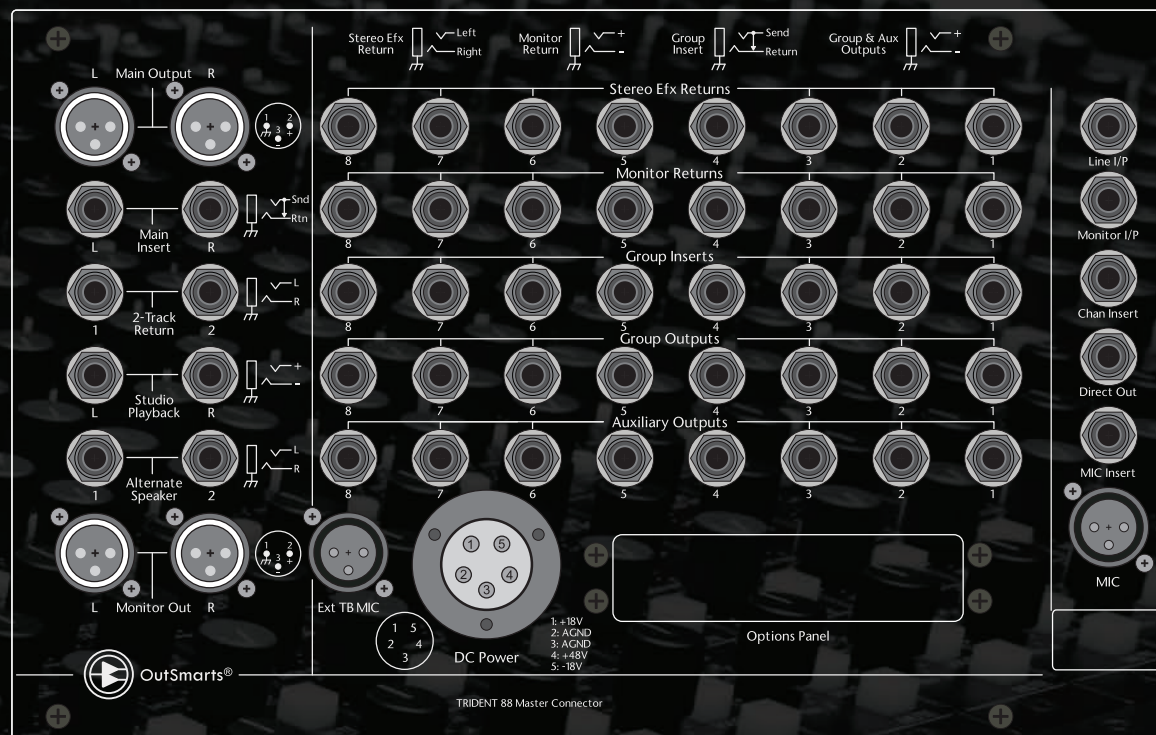
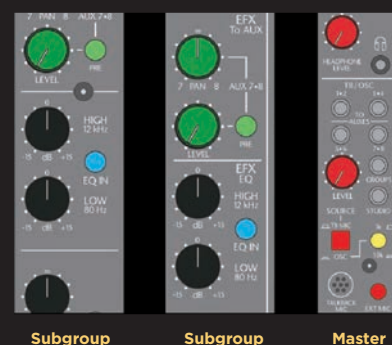


Master Section

Keeping control of your workflow with ease and speed is the core function of an analog recording console. Your time spent setting up a mix and the ability to have tactile control with immediate effect over your work is essential and time saving.

The 88's are designed to give you maximum control and routing options all onboard at your fingertips. Making your creative process more effective and saving you time in the process.

- 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



The Trident 88 features a rear connection panel with amazing routing capabilities

Trident 88 Specifications

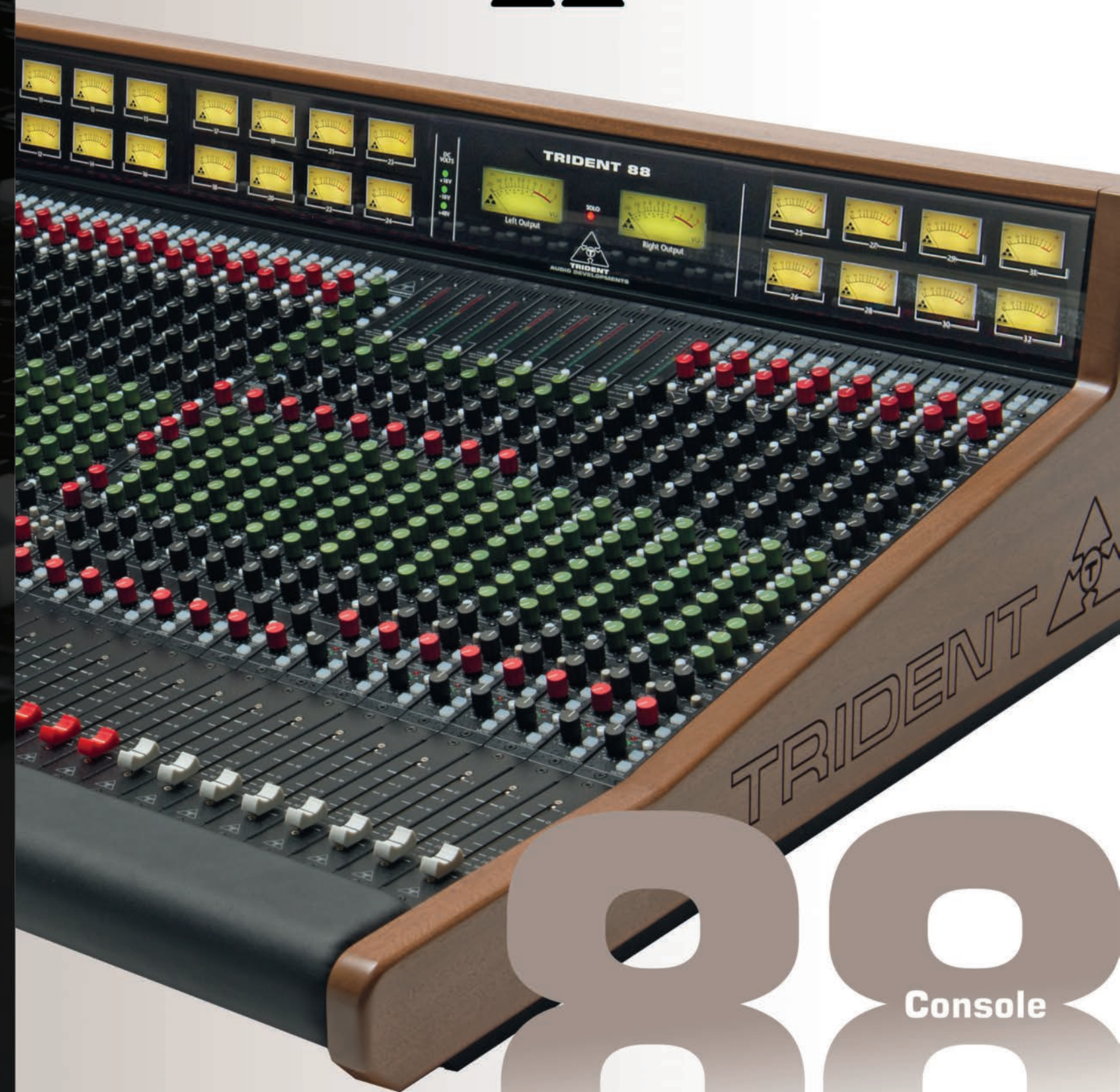
Input Impedance			
Microphone:	>2KΩ electronically balanced	Crosstalk	Adjacent Channel:
Line:	>10KΩ electronically balanced		< -90dB (@20KHz) < -110dB (@1KHz)
Output Impedance			
Left/Right, Monitor O/P, Group & Auxes	<600 (Outsmarts® Drive)	Channel Fader Mute	< -95dB (20Hz to 20KHz)
All other Outputs	<1000	Monitor/Tape Return Mute	< -85dB (20Hz to 20KHz)
		Mix/Bus Assign	< -80dB (20Hz to 20KHz)
		Aux to Aux	< -80dB (20Hz to 20KHz)
Frequency Response		Maximum Input	
Mic Input to Mix Output	<+0, -0.3dB 20Hz to 80KHz @ 6-40 dB gain.	Mic (XLR) Input (at min gain)	+17dBu
Line Input to Mix Output	<0, -0.3dB 20Hz to 60KHz @ 0 dB gain.	Mic (1/4") Input (at min gain)	+42dBu
		Line (at min gain)	+42dBu
Distortion/Noise		Channel Insert Return	+22dBu
(T.H.D +Noise) at +15dBu Output		All Output Insert Returns	+28dBu
Mic XLR Input to any Output (-20dBu input)	<0.005%	Maximum Output	
		Mix, Group, Aux, Monitor Outputs	+26.5dBu (Into 600Ω)
Line Input to any Output	<0.003%	Insert Send, Studio, Alt Outputs	+22dBu (Into 2KΩ)
Monitor/Tape Return Input to any Output	<0.003%	Phase	
Noise		Mic Input to Direct Out	+17o to -8o 20Hz to 20KHz
Mic EIN (20-20KHz, 1500 source, 60dB gain)	<-128.5 dBu	Mic In to Mix Output	+25o to -17o 20Hz to 20KHz
Residual Bus Noise (Output fader at min)	<-95 dBu	Line In to Mix Output	+25o to -20o 20Hz to 20KHz
Bus Noise (40 inputs continually assigned)	<-81 dBu	Monitor/Tape Return to Mix Output	+15o to -20o 20Hz to 20KHz
(24 Input Mon/Tape Returns, 8 EFX Returns and 8 Master Tape Returns)			
Bus Noise (24 inputs routed equiv. to 64 Inputs) <-77 dBu			

Trident 88 Dimensions

	Width	Depth	Height
16 Channel:	33.37"	36.679"	13.481"
24 Channel:	43.37"	36.679"	13.481"
32 Channel:	53.37"	36.679"	13.481"
40 Channel:	63.37"	36.679"	13.481"
Module width	1.25"		



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Channel VU Meter Bridge Option
104 Inputs All with EQ

40

Trident 88

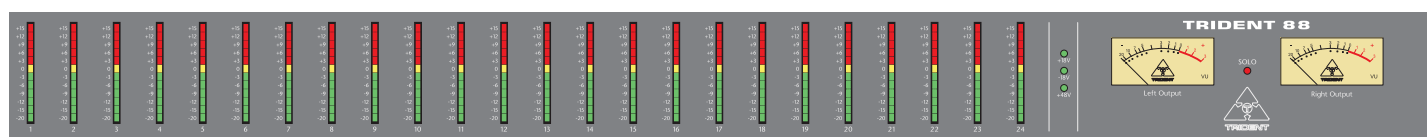
The Trident 88 is a classically styled, in-line, eight-buss analog console and an advancement in lineage of the revered Series 80 mixing desks. Designed with manufacturability in mind, the 88 is artfully constructed for ease of use and workhorse reliability. Available in stock configurations of 8, 16, 24, 32, and 40 channels and beyond. The 88 Series 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.



All Trident 88 consoles come standard with an LED meter bridge, optional VU meter bridges are available (shown).



Beautiful. Responsive. Ready To Rock!



8

Channel VU Meter Bridge Option
40 Inputs All with EQ



24

Channel VU Meter Bridge Option
72 Inputs All with EQ



16

Channel VU Meter Bridge Option
56 Inputs All with EQ



32

Channel VU Meter Bridge Option
88 Inputs All with EQ

Bottom line: The Trident 88 was created with all of this in mind so that you can use it to make great sounding tracks.