



Series 82

Malcolm Toft's new Trident Series 82[®] 24 buss recording console is a testament to Malcolm's experience and his lifelong dedication to the recording industry.

Designed in the UK with Malcolm's unique experience as both a recording engineer and console designer, the console is truly designed by and for engineers. The Trident Series 82[®] faithfully recaptures both the spirit and the classic British sound of the original Trident console.

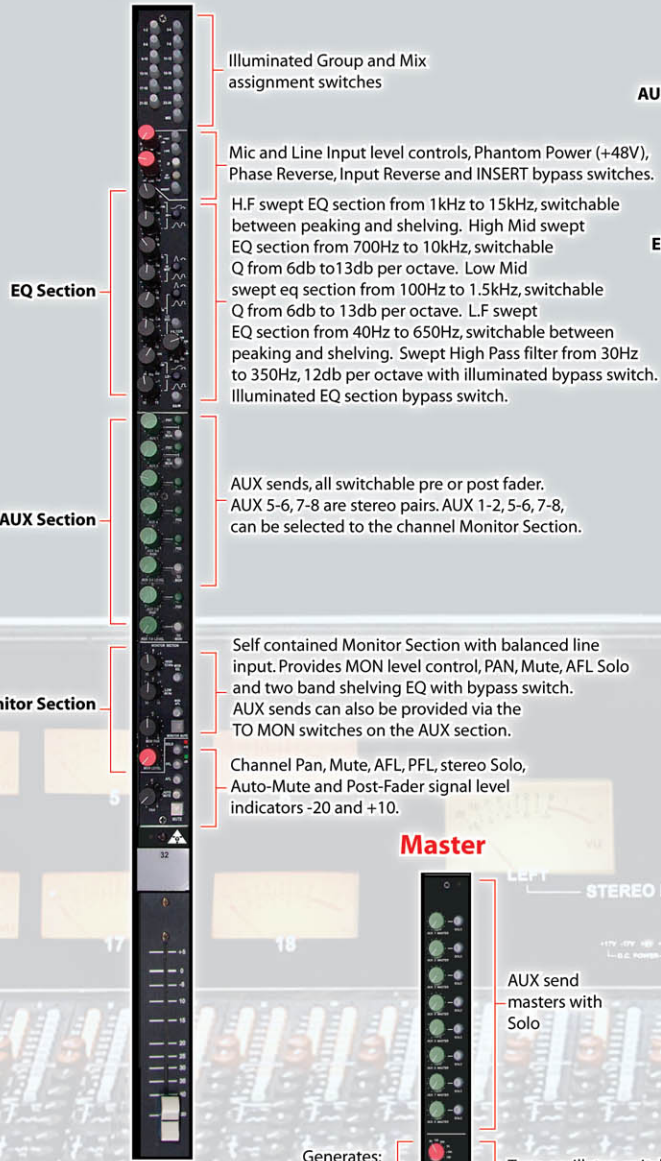




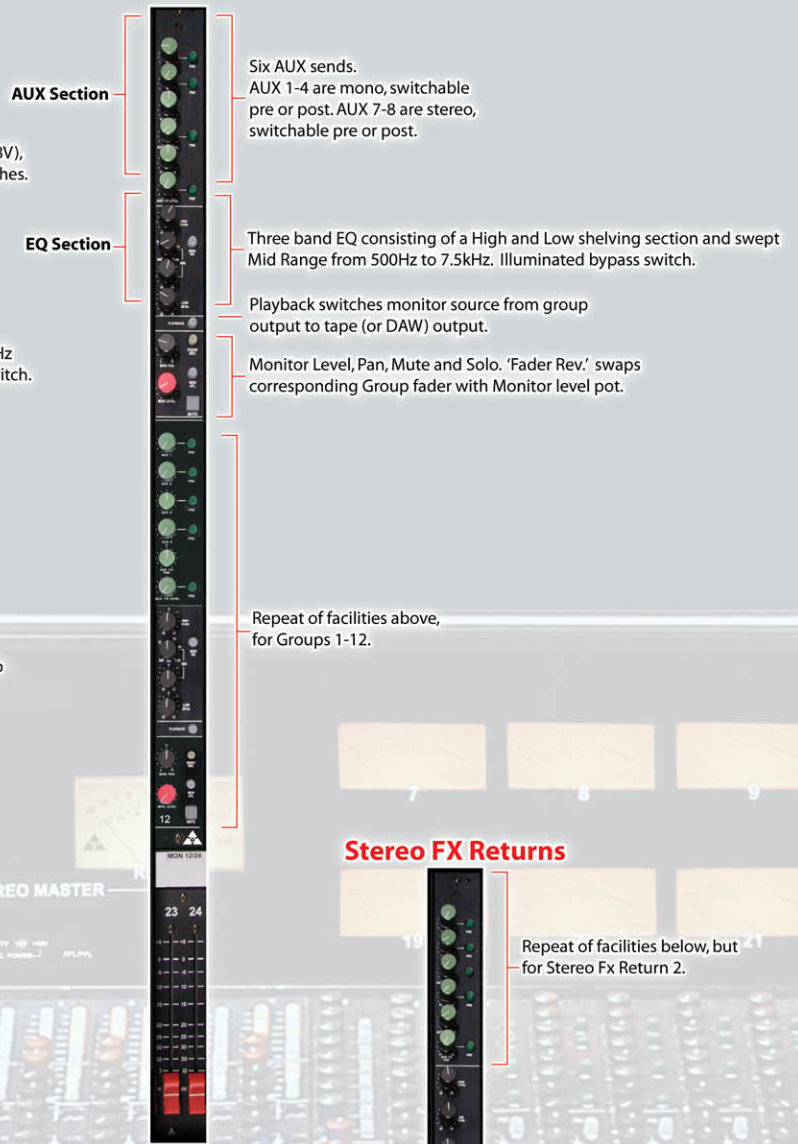
Series 82



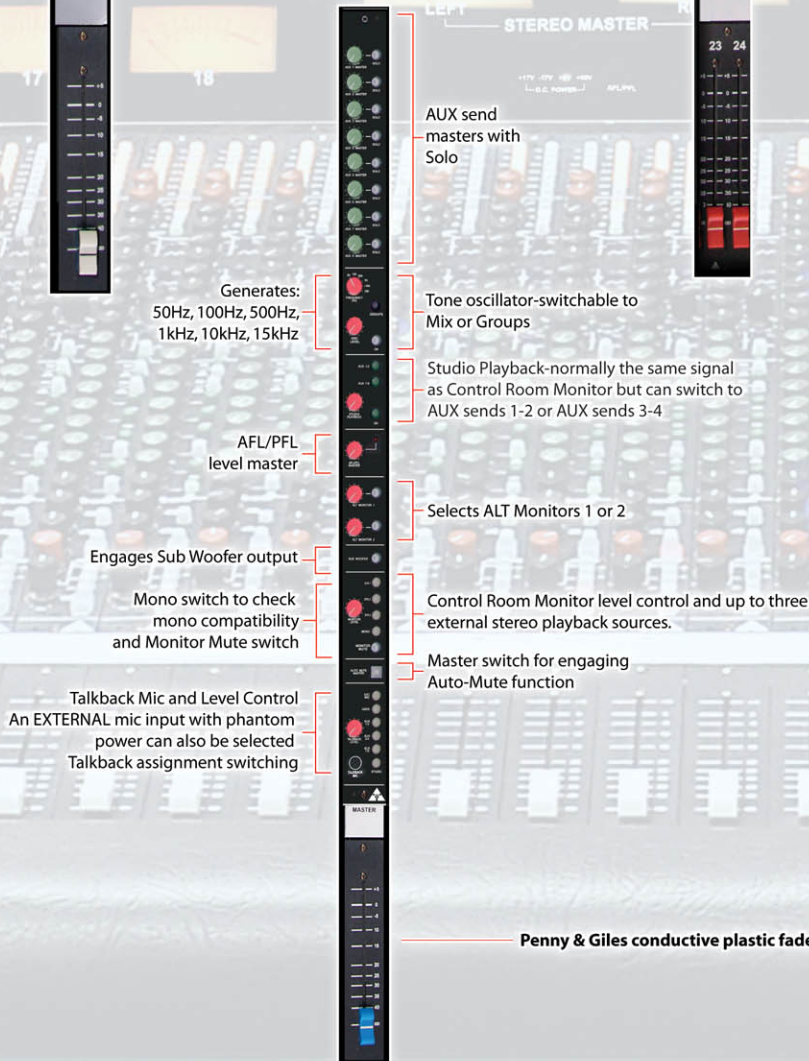
Channel



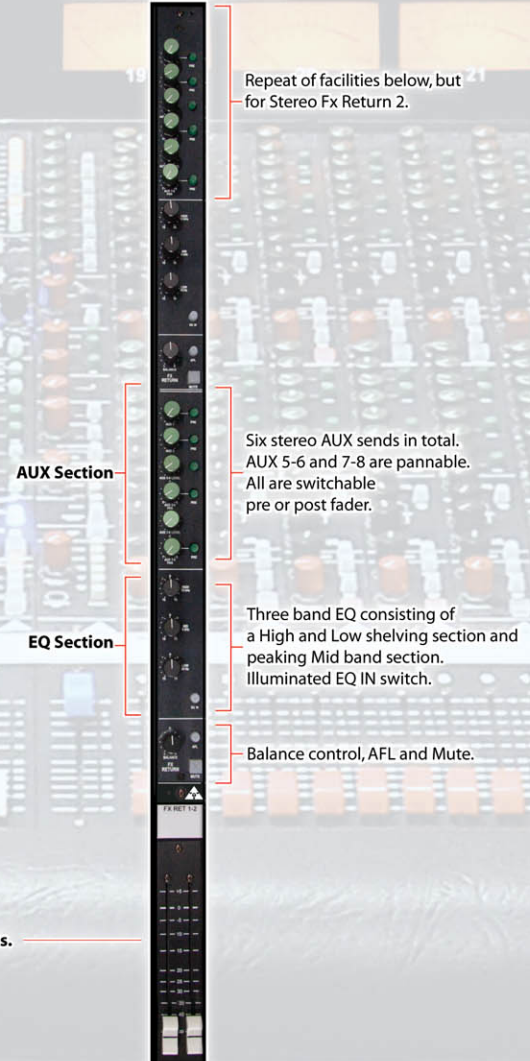
Dual Group



Master



Stereo FX Returns





Professor Malcolm Toft and the Series 82

Input Impedance:

Microphone: >1.2K Ω transformer balanced (Lundahl)
 Line: >10K Ω electronically balanced

Output Impedance:

Groups and Master Outputs: <100 Ω electronically balanced (Lundahl transformer option)
 Others: <100 Ω Electronically balanced (Lundahl transformer option on channel direct outputs)

Gain:

Microphone: -10db to +60db
 Line: -15 to +25dB

Noise:

Microphone: <-127dBu ref 200 Ω , 20Hz to 20kHz
 Line: <-75dBu (Eq in, direct output) 20Hz to 20kHz
 Overall system: <-75dBu (Line input to group output) 20 Hz to 20kHz

Maximum Levels:

Mic Input: +20dBu at all frequencies
 Line Input: +22dBu at all frequencies
 Group outputs: +26dBu balanced, +22dBu unbalanced into 2K

Distortion:

Microphone: <0.03% T.H.D.(-50dBu input, +4dBu output)
 Line: <0.02% T.H.D.(+4dBu input, +4dBu output)

Frequency response:

Microphone: \pm 1dB 20Hz to 40kHz
 Line: \pm 0.5dB 20Hz to 30kHz

Crosstalk:

Adjacent channel: -70dB @ 1kHz, -60dB @ 15kHz
 Adjacent group: -70dB @ 1kHz, -60dB @ 15kHz

Nominal level: +4dBu

www.tridentaudiodevelopments.com

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