Technical Data

GB 8

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Introduction

- Dual purpose console.
- 24, 32, 40 and 48 channel frame sizes
- Individually switched 48V phantom power on every mono input module.
- 4 Full-feature Stereo channels.
- 8 Aux sends (all switchable between pre/post fader operation).
- 8 Group sends (SWAP with all 8 Auxes).
- 4 Stereo returns.
- 4 Mute Groups.
- 11x4 Output Matrix.
- Limiter on Record Output and Alternative Stereo Output.
- GB30 mic pre-amp.
- 4-band GB30 EQ.
- 1kHz oscillator
- Meter Bridge with accurate VU meters for LEFT, RIGHT and CENTRE Outputs.
- Integral power supply, with an external power supply link option.
- All metal TRS jacks and Neutrik XLRs.
- Direct outputs on all mono input channels.
Specifications

Noise: Measured RMS, 22Hz to 22kHz Bandwidth
- Mic E.I.N. @ unity gain, 150W source impedance: -128dBu
- Mix Output, 40 inputs routed to mix: <-82dBu
- Group Outputs: <-83dBu
- Aux Outputs: <-80dBu
- Matrix Outputs: <-89dBu

Crosstalk (@1kHz, typical)
- Input Channel Mute: <-97dB
- Input Fader cut-off: <-95dB
- Pan isolation: <-77dB
- Mix route isolation: <-97dB
- Group route isolation: <-97dB
- Adjacent channel crosstalk: <-97dB
- Group to Mix: <-89dB
- Aux Send pots offness (typical): <-84dB
- Matrix Send pots offness (typical): <-84dB

Frequency Response
- Mic/Line Input to any output, 20Hz - 20kHz: <-1dB
- THD + N: <0.006%

CMRR
- Typical @ 1kHz: 80dB

Input & Output Max Levels
- Mono & Stereo Mic Inputs: +15dBu
- Mono & Stereo Line Inputs: +30dBu
- Stereo Returns & Insert Returns: +20dBu
- Any output: +20dBu
- Nominal Operating Level: 0dBu
- Headphone Power: 2x250mW into 200Ω

Input & Output Impedances
- Mic Inputs: 2kΩ
- Line Inputs and Stereo Returns: 10kΩ
- Mix, Group, Aux, Matrix & Direct outputs: 150Ω
- Insert Sends: 75Ω
- Insert Returns: 5kΩ
- Recommended Headphone Impedance: 50 - 600Ω