Introduction

- Individually switched 48V phantom power on every input module
- 8 Aux sends
- 4 Sub Groups
- 4 Mute Groups
- 7x4 Output Matrix
- Limiter on record output
- New GB30 mic pre-amp
- 4-band GB30 EQ
- Integral power supply, with an external power supply link option
- All metal TRS jacks and Neutrik XLRs
- Direct outputs on all mono input channels
Talkbacks & Stereo Returns
### Technical Data

#### Specifications

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<th>Specification</th>
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<td>Mic/Lines to any output, 20Hz - 20kHz</td>
<td>&lt;0.006%</td>
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#### CMRR

- Typical @ 1kHz: 80dB
- Input & Output Max Levels
  - Mono & Stereo Mic Inputs: +15dBu
  - Mono & Stereo Line Inputs: +50dBu
  - 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
  - Input channels Insert Return: 5kΩ with EQ in, otherwise 3kΩ
  - Mix, Group, Aux, Matrix & Direct outputs: 150Ω
  - Insert sends: 75Ω
  - Recommended Headphone Impedance: 50 - 600Ω

#### EQ

- HF: 13kHz, +/-15dB, 2nd order shelving
- Hi-Mid: 550Hz - 13kHz, +/-15dB, Q=1.5
- Lo-Mid: 80Hz - 1.9kHz, +/-15dB, Q=1.5
- LF: 80Hz, +/-15dB, 2nd order shelving

#### Dimensions & Weight

- **Height**: 159mm (6.26")
- **Width**: 12 channel: 730mm (28.73")
  - 16 channel: 842mm (33.13")
  - 24 channel: 1065mm (41.93")
  - 32 channel: 1300mm (51.17")
  - 40 channel: 1523mm (59.96")
- **Depth**: All frame sizes: 656mm (25.83")

#### Weight

- 12 channel: 20 kg (44.1 lbs)
- 16 channel: 22 kg (48.5 lbs)
- 24 channel: 27 kg (59.5 lbs)
- 32 channel: 32 kg (70.5 lbs)
- 40 channel: 37 kg (81.6 lbs)

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