



Product Information

Number of Channels: 32 mixing channels/11 buses/4 MATRIX buses/Up to 92 inputs and 90 outputs using REAC
AD/DA Conversion: 24-bit/48.0 kHz or 44.1 kHz
Network Latency: 2.8 mS (typ.) *1
 * Total System Latency of audio signal from S-1608 inputs to outputs via M-300's REAC ports (A or B).
 * Sample Rate: 48.0 kHz * Effects : No insert effects

•**INPUT-CONNECTORS**
 Jacks (1 to 4): XLR-3-31 type (balanced, phantom power)
 Jacks (5 to 8): 1/4 inch Phone type (balanced)
 Jacks (9 to 12): RCA Pin type

•**OUT-CONNECTORS**
 Jacks (1 to 4) XLR-3-32 type (balanced)
 Jacks (5 to 8) 1/4 inch Phone type (balanced)
 Phones jack: Stereo 1/4 inch phone type
 Digital jack: Optical type
 REAC/ USB port: RJ-45 EtherCon type x 2 / Type A, Type B
 Remote Connectors: RS-232C connector: 9-pin D-sub type
 MIDI connectors (OUT/THRU, IN): 5-pin DIN type

•**Frequency Response output jacks:**
 (1 to 8): -2 dB / +0 dB (20k ohms load, +4 dBu)

•**Phones jack:** -3 dB / +0 dB (40 ohms load, 150 mW) Total Harmonic Distortion + Noise Output jacks:
 (1 to 8): 0.05 % (typ., +4 dBu)

•**Phones jack:** 0.05 % (typ., 40 ohms load, 150 mW)
 Dynamic Range output jacks:
 (1 to 8): 105 dB (typ.)

•**Crosstalk@ 1 kHz Input jacks**
 Input jacks (1 to 4): -80dB (Pad: ON, Input sens: +4 dBu, typ.)
 Input jacks (5 to 12): -80dB (Input sens: +4 dBu, typ.)
 Output jacks (1 to 8): -100 dB (typ.)

•**Sampling frequency:** is 48 kHz or 44.1 kHz.
 •**Nominal Input Level (Variable)** (1 to 4): -65 to -10 dBu (Pad: OFF) or -45 to +10 dBu (Pad: ON)
 (5 to 12): -28 to +4 dBu
 •**Input Impedance input jacks** (1 to 4): 14 k ohms
 jacks (5 to 12): 10 k ohms

Product Information

32 mixing channels, L/C/R outputs, 8 AUX buses, 4 Matrices
 - 4-band PEQ and dynamics on all channels
 - 11 different built-in multi-effects/ PEQ and delay on all outputs
 - 24bit AD/DA for high-quality sound
 - Remotely controllable from a PC
 - Record to /playback from USB flash memory
 - Perfectly integrates with the Digital Snake for simple and MQ audio transmission, distribution, splits and merging
 - Construct a flexible and powerful system by adding the Personal Mixing System, multi-channel recording and other REAC components.

Technical Information
 •**Non Clip Maximum Input level input:**
 jacks: (1 to 4) +8 dBu (Pad: OFF) or +28 dBu (Pad: ON)
 jacks: (5 to 12): +22 dBu
 •**Nominal Output Level jacks:** (1 to 8): +4 dBu (Load impedance: 10 k ohms)
 •**Output Impedance jacks :** (1 to 8): 600 ohms
 phones jack: 100 ohms
 •**Non Clip Maximum Output level:jacks** (1 to 8): +22 dBu (1 kHz, 10 k ohms load)
 Phones jack: 150 mW + 150 mW (Typ., 1 kHz, 40 ohms load)

•**Residual Noise Level (IHF-A, typ.)** -88 dBu (All faders: Min)
 •**Equivalent Input Noise Level (E.I.N.)** -126 dBu
 •**Residual Noise Level (IHF-A, typ.)** -88 dBu (All faders: Min)
 •**Display** 800 x 480 dots TFT backlight color screen
 •**Power Supply AC:** 115 ,117,220 ,230Volts, 240V 50/60Hz)
 •**Power Consumption** 50 W
 •**Size and Weight**
 •**Width (W)** 470 mm. **Depth (D)** 483 mm **(H)** 195
 •**Weight** 9.8kg

Disclaimer: Changes in the data may have been made by the manufacturer without notice.

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