

Roland S-1608 16x8 Stage Unit

Number of Channels

S-1608 : 16 in 8 out S-0816 : 8 in 16 out

AD and DA Conversion

24 bit / 96 kHz

Frequency Response

-2 dB / +0 dB (@ +4 dBu, 20 Hz to 20 kHz)

Total Harmonic Distortion + Noise

0.05 % or less (Pad: On, Input Gain: +4 dBu, 22Hz to 20 kHz)

Dynamic Range

110 dB

Cross Talk

-80 dB or less (Input Gain: +4 dBu, typ.)

Nominal Input Level

-65 to -10 dBu (PAD: Off), -45 to +10 dBu (PAD: On) (1 dB step, Max. +28 dBu)

PAD

20 dB On/Off

Input Impedance

14 k ohms

Nominal Output Level

+4 dBu, Max. +22 dBu

Output Impedance

600 ohms

Recommended Load Impedance

10 k ohms or greater

Residual Noise Level (IHF-A, typ.)

-80 dBu or less

Equivalent Input Noise Level

S-1608: -128 dB S-0816: -124dB

Network Latency

375 microseconds when using REAC cable only (*1) (AD > REAC > DA Latency: approx 1.2 ms)

Connectors

S-1608 : Analog Input x 16 (XLR type, balanced, phantom power) Analog Output x 8 (XLR type, balanced) Digital Output connector x 1 (Optical type) REAC Connector x 1 (RJ-45 EtherCon type) Remote Connector x 1 (RS-232C, DB-9 type) S-0816 : Analog Input x 8 (XLR type, balanced, phantom power) Analog Output x 16 (XLR type, balanced) Digital Output connector x 1 (Optical type) REAC Connector x 1 (RJ-45 EtherCon type) Remote Connector x 1 (RS-232C, DB-9 type)

Indicators

POWER Indicator x 1, REAC Indicator x 1, REMOTE Indicator x 1, MUTE ALL OUTPUTS Indicator x 1

Power Supply

AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)

Power Consumption

45W

Phantom Power

+48 V / 14 mA (each input, remote controlled)

Operation Temperature

0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit

Accessories

Power Cord x 1, REAC Connector Cover x 1, Ferrite Cores x 1 Rubber Foot x 4, Rack Mount Kit x 1, Owner's Manual