

Roland S-4000S-0832 8 input x 32 output Modular Rack Unit

Number of Channels

32 in 8 out

AD Conversion

Sample Rate: 96.0 kHz
Signal Processing: 24 bit

DA Conversion

Sample Rate: 96.0 kHz
Signal Processing: 24 bit

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, 22 to 20000 Hz)

Dynamic Range

110 dB

Cross Talk

-80 dB

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

20 k ohms

Nominal Output Level

+4 dBu, Max. +22 dBu

Output Impedance

150 ohms

Recommended Load Impedance

10 k ohms or greater

Residual Noise Level (IHF-A, typ.)

-90 dBu

Equivalent Input Noise Level (E.I.N.)

-128 dB

Connectors

Input: 32 (XLR type, balanced, phantom power, 4 ch input module x 8)
Output: 8 (XLR type, balanced, 4 ch output module x 2)
REAC: MAIN, BACKUP (RJ-45 EtherCon type)
Remote Connector: 1 (RS-232C, DB-9 type)
MIDI Connectors: IN, OUT (5-pin DIN type)

Indicator

EXT Indicator (External Power Supply Unit)

INT Indicator

REAC Indicator

CTRL Indicator

ALARM Indicator

MUTE ALL OUTPUTS Indicator

AC Power Supply

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

DC Power Supply

+24 V (from optional external power supply unit : S-240P)

Power Consumption

130 W

Current Draw (for an optional external power supply unit; Model S-240P)

6 A

Phantom Power

+48 V / 14 mA (each input on SI-AD4, remote controlled)

Operation Temperature

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

Accessories

Power Cord, Adhesive-backed number label sheets, REAC Connector Covers, Ferrite Cores, Owner's Manual