

# Roland S-4000S-3208 32 input x 8 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