Digital Snake
Multi-Channel Digital Audio Transfer Systems
The superior quality and reliability of RSS Digital Snakes is made possible by coupling high quality preamps with Roland’s REAC digital transmission technology. RSS Digital Snake systems are immune to the hums, buzzes and general impedance and capacitive losses that plague analog snakes. By having the mic preamps close to their source and by avoiding the transmission losses of long runs of analog cables, your audio has a chance to sound its best throughout your whole system. The system provides superior clear sound, great intelligibility with minimum latency and the freedom to easily split or extend your source audio. Digital Snakes are the next generation of audio quality for concerts, corporate events, houses of worship and any kind of audio installation.

### Superior Sound Quality

#### REAC High Quality Pre-amps on each input channel

In an analog system, low-level microphone signals are boosted using a mic preamp only after the long, arduous journey down the analog snake. For this reason it’s difficult to avoid degradation and cross talk. The digital snake is equipped with high quality and remote controllable pre-amps that boost the input gain very close to the source, where the highest quality signal is found. This ensures that your audio will sound its best. And of course once the signal is in digital form, it is immune to analog cabling losses. The pre-amp has been specially designed for live audio applications and is made of high quality components carefully selected by Roland’s engineers.

#### REAC High quality and low noise digital transfer

In the analog domain, it is impossible to avoid signal degradation during long distance audio transfer at concerts or events in large halls or arenas. Digital transfer of REAC provides extremely flat and pure audio transfer for the whole frequency bandwidth. Furthermore, additional audio benefits occur because the source signal is transferred after boosting the gain using the high quality and remote controllable mic pre-amps.

#### Minimize a signal’s damage due to “noise pollution”

Hums and buzzes from external noise sources can often be a problem for analog snake installation. It can be difficult to know where potential noise sources might be before installing a snake. And solving subsequent noise problems requires lots of experience and time. REAC provides an effective solution to these installation problems. Technically, the risk of noise pollution such as the induction of hums and buzzes into a digital snake is much lower than in an analog snake, and cross talk is minimal or non existent. This provides almost complete routing freedom for your cable installations.

#### Remote Control by computers

A computer can be connected to the REMOTE terminals (RS-232C) of any digital snake end. Once the S-4000RCS software* is installed, up to 160 channels of a snake system can be remote controlled from your computer using up to 4 RS-232c ports.

* S-4000RCS software is free and downloadable from www.rssamerica.com.
Digital Transport Advantages

**REAC Simple and low cost installation with Cat5e cabling**

REAC brings another revolution to audio installations by eliminating the need to use thick, heavy and hard to handle analog multi-pair cables by transmitting audio using light, slim and easy to handle Cat5e cable. On one very thin Ethernet cable, REAC can transfer 40 channels of high quality 24bit/96kHz audio signal plus MIDI and remote control signals. Since the cable used for REAC transfer is ordinary Ethernet cable, the low cost and easy availability of the cable is a big advantage compared with using analog cable. From temporary installations at concerts to permanent installations in arenas or halls, REAC provides the benefit of light weight, inexpensive and easy to install cable.

**REAC Limitless splitting of all input sources**

The RSS Digital Snake systems are designed to provide splits of source audio using standard Ethernet hardware. Using a standard switching hub, you can send source audio to multiple recording consoles, a monitor position, broadcast location and more. No signal degradation will occur from the source’s master output to the recording or any other split output.

**REAC Very long distance snake systems can be designed using an S-OPT REAC Optical converter**

The S-OPT is a REAC optical converter that converts RSS Digital Snake System REAC signals to and from optical signals for long distance digital audio transmission. By using the REAC optical converter and optical cables (sold separately), the REAC transmission distance can be extended to a maximum of 2 kilometers (1.2 miles).

**Roland’s original Ethernet technology**

REAC (Roland Ethernet Audio Communication) is newly designed technology for digital audio transfer by Roland. The REAC spec provides a high quality and safe, redundant digital audio transfer system that can be easily installed or integrated for any audio snake application. REAC is a "plug and play" system that is easy to configure and requires no complex setup or computer operation. Plug in your mics, plug in the Ethernet cable and you’re ready to go!

**Super low latency digital transmission**

Degradation of the audio signal is minimal in any digital transfer system. However, musicians, performers or even audiences may suffer from the excessive latency of other digital transfer systems. REAC eliminates these digital audio transmission problems with its super low latency. Even when transmitting 40 channels at 24bit/96kHz/Linear, REAC’s latency is only 0.375ms*. This very low latency makes any RSS Digital Snake system perfect for all audio installations, especially in-ear monitoring systems.

*0.375 ms is the REAC protocol latency. The A/D and D/A conversions add a bit more for a total latency of less than 1.2ms, which is very low and well within the acceptable range for all live audio applications.

**40 Channels of Digital Recording**

The SONAR REAC Recording System when used in conjunction with the RSS Digital Snakes provides the most comprehensive live recording, mixing, mastering and delivery product available. Capture up to 40 channels of audio from your Digital Snake/V-Mixing System directly into SONAR all via a simple Cat5e connected to the network port on your PC.
The 40Ch I/O modular rack configured to be used at the Front of House position for connection to mixing console with ordinary XLR cables. This configuration would be used with an S-4000S-3208 at the stage position.

**S-4000S-3208**

40CH I/O Modular Rack

This unit has 32 inputs + 8 outputs and is typically installed at stage side. The AD/DA conversion is 24bit/96kHz. High quality XR-1 pre-amps are provided for each input channel, which can accept both mic and line level inputs, eliminating the need for direct boxes. Phantom power and an input PAD is available for each channel.

**Input/Output Modules**

- **Analog Input/Output Modules**
  - SI-AD4 Analog Input Module
  - SO-DA4 Analog Output Module

- **Digital Input/Output Modules**
  - SI-AES4 AES/EBU Input Module
  - SO-AES4 AES/EBU Output Module

**Optional Configurations for S-4000S**

- **S-4000S-0832**
  - The 40Ch I/O modular rack configured to be used at the Front of House position for connection to mixing console with ordinary XLR cables. This configuration would be used with an S-4000S-3208 at the stage position.

- **S-4000S-MR**
  - Modular rack chassis with no pre-installed In/Out modules. Designed for custom configurations such as 24x16 and 40x0.

**Input Channel Indicator**
This indicates Signal, Clip and On/Off status of the phantom power for each input channel. The status of the input channels can be checked even from the stage.

**MIDI terminals**
MIDI is transferred down the snake from both the In and Out MIDI connection. These enable the remote control of mixers or musical instruments from external MIDI devices at the stage or FOH positions.

**REMOTE terminal (RS-232C)**
Connection for either the dedicated remote controller (S-4000R) or a computer installed with the remote control software (S-4000RCS). *S-4000RCS software is free and can be downloaded from www.rssamerica.com.

**Power Inlets**
The Locking Arm is equipped to prevent accidental unplugging of the power cord. The DC power supply connection is provided for use with an optional redundant power supply in case of power supply failure.

**Mute All Outputs button**
When this button is pressed and held, all Outputs in the S-4000 system will be muted. This is convenient for changing cable connections.

**Cooling fans x 3**
Internal heat is exhausted using 3 fans on the rear panel reducing the operational noise of the fans.

**Master Outputs**
Source audio to the Slave and Split devices. It receives Input from the Slave device.

**Slave Outputs**
Receives Input from and sends output to the Master device.

**Split Outputs**
Receives Input from all of the Master device's sources. *S-4000RCS software is free and can be downloaded from www.rssamerica.com.

**Mix Magazine**
Certified Hit

**EDIROL Video Equipment**

**RSS Digital Snake Systems**
Analog Breakout cables for connecting an S-4000H with a mixing console

**SC-A0805DF**
- 25 pin D-Sub Female XLR (x8) cable x1
- Length: 4.5 meters

**SC-A0805DM**
- 25 pin D-Sub Male XLR (x8) cable x4
- Length: 4.5 meters

**SC-W100S**
- 100 meter Cat5e cable
- Crossover cable with Neutrik (R) Ethercon connectors

**W100S-R**
- 100 Meter REAC Cable and Reel
- Reel-mounted crossover cable with Neutrik (R) Ethercon connectors

**S-OPT**
- REAC Optical Converter
- For distances up to 2km or 1.2 miles

**REAC terminals**
- MIDI terminals (In/Out)
- REMOTE terminal (RS-232C)
- Mute All Outputs button

**S-4000H**
**8x32 FOH Unit**

The S-4000H receives signals from the stage and is typically placed next to the FOH mixing console. Its 32 analog outputs are used to send signals from the stage to the mixing console and its 8 inputs for returning signal such as Main audio or monitor mixes to the stage. AD and DA conversions are 24bit/96kHz.

**Optional Cables**

**S-4000R**
**Pre-Amp Remote Controller for the S-4000S or S-1608**

The S-4000R can be connected to any RSS digital snake device via the serial interface. It provides easy remote control of all input gain adjustments, phantom power and PAD settings. Since the remote can save up to 10 setups to internal memory, you can instantly recall the right settings for performance/stage configurations and room defaults instantly.

**Typical Configuration**

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**Choose Your Setup**

**Stage**

**Front of House**

**S-4000H**
- 8x32 FOH Unit

**S-4000R**
- Pre-Amp Remote Controller

**S-4000S**
- Analog Console

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**RSS Digital Snake Systems**

5
S-1608 Digital Snake System

S-1608
Stage Unit

The S-1608 and S-0816 Digital Snake are compact versions of the popular S-4000S Digital Snake system. Easy to use and quick to install, the S-1608/0816 Digital Snake system is a small format audio snake solution that offers the highest quality audio signal available in a portable snake system.

Pre-Amp Remote Control
with the S-4000R.
See page 5.
S-0816 FOH Unit

The S-1608/0816 Digital Snake system is ideal for bands, corporate A/V events, seminars, rental and staging houses, Houses of Worship and broadcasters that need the best possible sound quality from their audio without the high frequency losses and bulk of analog snakes.

Easy and Expandable

32 x 16 setup

32 x 16 setup with split

Ideal Channel Count Expansion for the S-4000 Digital Snake System

The S-1608/0816 Digital Snake System can be used to easily expand the channel count of the S-4000 32x8 Digital Snake System to 48x16 or more. Mix and match S-4000 and S-1608/0816 Digital Snake systems for customizable rental and installation systems.
The S-OPT is an optical converter that converts RSS Digital Snake System REAC signals to and from optical signals for long distance digital audio transmission. By using the REAC optical converter and optical cables (sold separately), the REAC transmission distance can be extended to a maximum of 2 kilometers (1.2 miles.)

**Features**

- The S-OPT optical connectors are Neutrik OpticalCon® connectors and support Mobile Fiber Cable from Neutrik. This optical interface provides for transmitting audio over long distances using optical cables while still taking advantage of the RSS Digital Snake System's mobility.
- OpticalCon® provides a Dual LC optical connector (standard LC-Duplex connector, IEC 61754-20) enabling the use of less expensive optical cables with the RSS Digital Snake System.
- Two S-OPT units can be connected using the proprietary POWER LINK cable (ARC-15, sold separately) so that redundant power can be supplied from one unit to the other. If power to a single unit is interrupted due to an unexpected situation or is damaged, both units will still continue to operate.

**Basic System Example**

This system setup is for anyone needing REAC transmission over 100 meters and up to 2 km (1.2 miles). Connect an EtherCon cable from the S-1608 Digital Snake to the S-OPT stage unit. Connect an OpticalCon or standard optical cable from stage S-OPT to the FOH S-OPT. Simply connect an EtherCon cable from the FOH S-OPT to the 50816. If you require more than 2 km in distance you can gain an additional 100 meters of Cat5e cable from the stage and FOH positions giving you a total of 2.2 km in distance.

**32 x 8 Digital Snake (Redundant)**

This system is a must for anyone requiring REAC transmissions over 100 meters with redundancy. The S-4000S-3208 Digital Snake has built-in redundant REAC ports so simply connect two S-OPT’s at the stage and FOH positions. Two S-OPT units can be connected using the proprietary POWER LINK cable (ARC-15, sold separately) so that redundant power can be supplied from one unit to the other. If power to a single unit is interrupted due to an unexpected situation or is damaged, both units will still continue to operate.
SONAR REAC Recording System

The SONAR REAC Recording System when used in conjunction with the RSS V-Mixing System or RSS Digital Snakes provides the most comprehensive live recording, mixing, mastering and delivery product available. Capture up to 40 channels of audio from your Digital Snake/V-Mixer System directly into SONAR all via a simple Cat5e connected to the network port on your PC.

The SONAR REAC Recording System includes:
- SONAR 7 Producer Edition
- REAC Technology Driver
- Cakewalk SPS-66 FireWire audio interface
- V-Mixer and Digital Snake Templates
- Users Guides
- SONAR 7 Producer Edition DVD-ROM
- SONAR REAC Driver CDROM
- Power Supply
- 6pin-6pin and 6pin-4pin Firewire Cables

SONAR 7 Producer Edition

SONAR 7 Producer Edition places no limits on your track count, bus routing, effect or instrument inserts, and includes an ample array of audio effects, virtual instruments, and innovative technologies to power your productions,
- Capture up to 40 channels of audio over REAC (cat5e)
- Mix, EQ, Master, Burn and Deliver
- Record and edit unlimited tracks of audio and MIDI with effects on input
- The industry’s best 64-bit double precision floating point mix engine
- Smart MIDI Tools—intuitively use one tool for multiple editing tasks; completely customizable
- Thousands of instruments—Access thousand of instruments sounds with Dimension LE, Rapture LE, DropZone, and more
- Integrated Step Sequencer view—the most innovative step sequencer feature set available in any DAW

Cakewalk SPS-66 FireWire Audio Interface
- 6-In/6-Out FireWire Interface
- 1-in/1-out MIDI Interface (16 channels)
- FireWire bus powered for mobile use
- 24-bit/192kHz audio resolution
- +48V phantom power
- +4 dBu output for professional integration

Find out more about the V-Mixing System at www.V-MixingSystem.com
### S-4000S-3208 40CH I/O Modular Rack

<table>
<thead>
<tr>
<th>Number of Channels</th>
<th>40 in 32 out</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD Conversion</td>
<td>Sample Rate: 96.0 kHz, Signal Processing: 24 bit</td>
</tr>
<tr>
<td>DA Conversion</td>
<td>Sample Rate: 96.0 kHz, Signal Processing: 24 bit</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>2 dB / +0 dB (±4 dBu, 20 Hz to 20 kHz)</td>
</tr>
<tr>
<td>Total Harmonic Distortion + Noise</td>
<td>0.05 % or less (Input: Gain = +4 dBu, 22 kHz to 20 kHz)</td>
</tr>
<tr>
<td>Dynamic Range</td>
<td>110 dB</td>
</tr>
<tr>
<td>Cross Talk</td>
<td>40 dB</td>
</tr>
<tr>
<td>Nominal Input Level</td>
<td>-65 to -10 dBu (PAD: Off), -45 to +10 dBu (PAD: On)</td>
</tr>
<tr>
<td>Output Impedance</td>
<td>150 ohms</td>
</tr>
<tr>
<td>Recommended Load Impedance</td>
<td>10 ohms or greater</td>
</tr>
<tr>
<td>Residual Noise Level (IHF-A, typ.)</td>
<td>90 dB</td>
</tr>
<tr>
<td>Equivalent Input Noise Level (IHF-A, typ.)</td>
<td>128 dB</td>
</tr>
<tr>
<td>Network Latency</td>
<td>275 microseconds when using REAC cable only (AD-REAC-DA Latency: about 1.2 ms)</td>
</tr>
</tbody>
</table>
| Connectors         | Input: 32 (LR type, balanced, phantom power, 4 ch input module x 8)
|                    | Output: 8 (LR type, balanced, 4 ch output module x 2)
|                    | REAC: MAIN, BACKUP (RS-45 EtherCon type)
|                    | Remote Connector x 1 (RS-232C, DB-9 type)
|                    | MIDI Connectors: IN, OUT (5-pin DIN type) |
| Power Supply       | AC 115 V, AC 177 V, AC 220 V, AC 230 V, AC 240 V (1000 Hz) |
| DC Power Supply    | +24 V (from optional external power supply unit: 5-24V) |
| Power Consumption  | 24W |
| Accessories        | Power Cord, REAC cable (16 ft, Carlon crossover cable) |
|                    | Adhesive-backed number label sheets, REAC Connector Covers |
|                    | Ferrite Cores, Owner’s Manual |

### S-400H 8x32 FOH Unit

<table>
<thead>
<tr>
<th>Number of Channels</th>
<th>8 in 32 out</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD Conversion</td>
<td>Sample Rate: 96.0 kHz, Signal Processing: 24 bit</td>
</tr>
<tr>
<td>DA Conversion</td>
<td>Sample Rate: 96.0 kHz, Signal Processing: 24 bit</td>
</tr>
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<td>Dynamic Range</td>
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<tr>
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<td>Nominal Input Level</td>
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</tr>
</tbody>
</table>
| Connectors         | Input: 8 (LR type, balanced, 8 channels)
|                    | Output: 4 (LR type, balanced, 4 channels each) |
|                    | REAC: MAIN, BACKUP (RS-45 EtherCon type)
|                    | Remote Connector x 1 (RS-232C, DB-9 type)
|                    | MIDI Connectors: IN, OUT (5-pin DIN type) |
| Power Supply       | AC 115 V, AC 177 V, AC 220 V, AC 230 V, AC 240 V (1000 Hz) |
| DC Power Supply    | +24 V (from optional external power supply unit: 5-24V) |
| Power Consumption  | 7W |
| Accessories        | Power Card, REAC Connector Covers, Ferrite Core, Connector Guard, Screen for Connector Guard |

### S-1608/S-0816

<table>
<thead>
<tr>
<th>Number of Channels</th>
<th>S-1608: 16 in 8 out, S-0816: 8 in 8 out</th>
</tr>
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<tbody>
<tr>
<td>AD and DA Conversion</td>
<td>24 bit / 96 kHz</td>
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<tr>
<td>Frequency Response</td>
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<tr>
<td>Network Latency</td>
<td>375 microseconds when using REAC cable only (AD-REAC-DA Latency: approx. 1.2 ms)</td>
</tr>
</tbody>
</table>
| Connectors         | Input: 16 (LR type, balanced, 16 channels)
|                    | Output: 8 (LR type, balanced, 8 channels each) |
|                    | REAC: MAIN, BACKUP (RS-45 EtherCon type)
|                    | Remote Connector x 1 (RS-232C, DB-9 type)
|                    | MIDI Connectors: IN, OUT (5-pin DIN type) |
| Power Supply       | AC 115 V, AC 177 V, AC 220 V, AC 230 V, AC 240 V (1000 Hz) |
| Power Consumption  | 45W |

### S-1608/S-0816 Specifications

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|                    | REAC: MAIN, BACKUP (RS-45 EtherCon type)
|                    | Remote Connector x 1 (RS-232C, DB-9 type)
|                    | MIDI Connectors: IN, OUT (5-pin DIN type) |
| Power Supply       | AC 115 V, AC 177 V, AC 220 V, AC 230 V, AC 240 V (1000 Hz) |
| Power Consumption  | 45W |

### Accessories
- Power Cord, REAC Connector Covers, Ferrite Core, Connector Guard, Screen for Connector Guard, Installation Manual

### Phantom Power
- +18 V / 14 mA (each input, remote controlled)

### Power Supply
- AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V

### Power Consumption
- 70 W

### Accessories
- Power Cord, REAC Connector Covers, Ferrite Core, Connector Guard, Screen for Connector Guard, Installation Manual

### Phantom Power
- +48 V / 14 mA (each input on S-4000, remote controlled)

### Dimensions
- 426.0 x 336.0 x 266.4 mm

### Weight
- 9.4 kg, 20 lbs 12 oz

### Rack Mount Kit
- An analog output (XLR type, balanced)

### S-0816: 8 in 8 out

<table>
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</table>
| Connectors         | Input: 8 (LR type, balanced, 8 channels)
|                    | Output: 4 (LR type, balanced, 4 channels each) |
|                    | REAC: MAIN, BACKUP (RS-45 EtherCon type)
|                    | Remote Connector x 1 (RS-232C, DB-9 type)
|                    | MIDI Connectors: IN, OUT (5-pin DIN type) |
| Power Supply       | AC 115 V, AC 177 V, AC 220 V, AC 230 V, AC 240 V (1000 Hz) |
| Power Consumption  | 45W |

### Accessories
- Power Cord, REAC Connector Covers, Ferrite Core, Connector Guard, Screen for Connector Guard, Installation Manual

### Phantom Power
- +18 V / 14 mA (each input, remote controlled)

### Power Supply
- AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V

### Power Consumption
- 70 W

### Accessories
- Power Cord, REAC Connector Covers, Ferrite Core, Connector Guard, Screen for Connector Guard, Installation Manual

### Phantom Power
- +48 V / 14 mA (each input on S-4000, remote controlled)

### Dimensions
- 426.0 x 336.0 x 266.4 mm

### Weight
- 9.4 kg, 20 lbs 12 oz

### Rack Mount Kit
- An analog output (XLR type, balanced)
## S-4000R Remote Control Unit

**Connector:** Remote Connector: 1 (RS-232C, DB-9 type)

**Indicators:** CLIP Indicators, SIG Indicators, POWER Indicator, CTRL Indicator, Level Meter

**Power Supply:** Supplied from connected device. (S-4000S, S-4000H; through the remote cable)

**Dimensions:** 215.0 (W) x 87.0 (D) x 54.6 (H) mm, 8-1/2 (W) x 3-7/16 (D) x 2-3/16 (H) inches

**Weight:** 0.8 kg, 1 lb 13 oz

**Operation Temperature:** 0 to +40 degrees Celsius, +32 to +104 degrees Fahrenheit

**Accessories:** Remote Cable (3 m), Rack Mount Brackets, Installation Manual

## S-4000-SP REAC Splitter

**Connectors:** MAIN REAC (RJ-45 EtherCon type) x 5, BACKUP REAC (RJ-45 EtherCon type) x 5

**Indicators:** MAIN LNK/ACT Indicator: Green x 5, Orange x 5; BACKUP LNK/ACT Indicator: Green x 5, Orange x 5; POWER A Indicator x 1, POWER B 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:** 3.6 W

**Dimensions:** 482.0 (W) x 224.8 (D) x 43.8 (H) mm, 19 (W) x 8-7/8 (D) x 1-3/4 (H) inches

**Weight:** 2.8 lb or 8 lbs 3 oz

**Operation Temperature:** 0 to +40 degrees Celsius, +32 to +104 degrees Fahrenheit

**Accessories:** Power Cord x 2, REAC Connector Cover x 10, Rubber Foot x 4, Owner’s Manual

## 100W-SR

**External Power Supply Unit**

**Connectors:** MAIN Input and DC Output

**Indicators:** MAIN LNK/ACT Indicator: Green x 5, Orange x 5

**Power Supply:** AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)

**Power Output:** +24V / 6A, DC

**Power Consumption:** 180 W

**Dimensions:** 482.0 (W) x 340.0 (D) x 89.0 (H) mm, 19.0 (W) x 13-7/16 (D) x 3-9/16 (H) inches

**Weight:** 5.4 kg or 11 lbs 15 oz

**Operation Temperature:** 0 to +40 degrees Celsius, +32 to +104 degrees Fahrenheit

**Accessories:** Power Cord, Owner’s Manual

## Optional Items

- **S-4000R Remote Controller**
  - S-4000R can be used with both the S-4000S and S-1608 snake systems. It provides easy remote control of gain adjustments and controls Phantom power and PAD Settings. The S-4000R can save up to 10 setups to internal memory for instant recall of all settings.

- **S-240P External Power Supply Unit**
  - Supplies redundant DC power to an S-4000S or S-4000H. Outputs DC24V 6A power.

- **S-4000-SP REAC Splitter**
  - The S-4000SP is a dual 5-port dedicated gigabit splitter for the RSS Digital Snake System that provides the highest level of reliability with backup REAC ports, two power supplies and Neutrick(R) Ethercon Connectors.

- **S-OPT REAC Optical Converter Unit**
  - The S-OPT unit converts REAC signals to and from optical signals for long distance digital audio transmission (up to 2km or 1.2 miles).

## S-4000 RCS Remote Control Software

**The S-4000 RCS Remote Control Software**

As an alternative to the S-4000R a computer can be connected to the REMOTE terminals (RS-232C) of any snake system and controlled by the S-4000 RCS Remote Control Software. This software is available as a free download for Mac or PC.
“The fact that there is no noise when I turn the snake on is a vast improvement over previous years. No hums, buzzes or clicks, which means one less place to look when I am trouble shooting.”

J on Laterza, Freelance Audio Engineer,
Lincoln Center Out of Doors Festival, NY

“Even though sound quality was an important factor in selecting the RSS Snake, the flexibility of the system was the key selling point. We’re thrilled to have invested at the beginning to have a system to grow with us for years.”

Rick Charleton
Audio Engineer, Grace Lutheran Church

“The sonic quality and clarity of the digital snake is awesome, I feel and hear the dynamics of the sound clearer than any analog snake. Plus it’s extremely easy to move for touring.”

Bernie Sandor
Springfever Productions, Toronto, Canada

“What can I say... the Digital Snake just worked flawlessly and sounded great!”

Jefferey Bruton
GMB Technical (KPLU), Seattle, WA

“Never in my decades of audio experience had I heard such a vast improvement in sound quality.”

Art Yeap, Designer/Integrator
Co-Owner of the Novo Group Inc.

“We tested the RSS snake against a 300 foot copper snake. The Cat5 audio was much smoother overall. It has much greater clarity at the top end. We did a blind listening test and chose the RSS Digital Snake every time!”

J on Garber
FOH Engineer, Rascal Flatts

“In the Americas: www.rolandsystemsgroup.com/snake
Worldwide: www.rolandsystemsgroup.net