

# Switching Systems

SR10, SR11 & SR12 — Audio switchers for SR1 Audio Analyzer



SR10 Front Panel

- **Balanced and unbalanced systems**
- **XLR and BNC connectors**
- **2 x 12 switches**
- **Multiple units can be cascaded**

## SR10, SR11 & SR12 Switchers

The SR10, SR11 & SR12 Switchers bring multiple-channel I/O capability to the SR1 Audio Analyzer. These switching systems allow you to expand the two input / two output channels of SR1 by up to 192 channels. They can also be used in general purpose systems to control almost any number of signals.

The SR10 Input Switcher can connect any two of its twelve balanced XLR inputs to SR1. SR11 can connect SR1's two outputs to any of its twelve balanced XLR outputs. SR12 can be configured as either an input or output switcher for unbalanced signals with BNC connectors. All of the switchers can be cascaded using rear-panel connectors to create larger switch matrices.

SR10, SR11 & SR12 Switchers can be controlled from a computer or from SR1 directly. Interfaces include GPIB, RS-232 and Ethernet.

High isolation relays preserve signal integrity and maintain exceptional crosstalk of  $<-155$  dB at 20 kHz. Front-panel LEDs clearly indicate the switch matrix configuration and control status.

Max. Voltage	250 V <sub>rms</sub> , 220 V <sub>p</sub>
Max. Power	5 W or 200 mA
Crosstalk (into 600 Ω)	
SR10 & 11 (Bal)	-155 dB @ 20 kHz -137 dB @ 100 kHz
SR12 (Unbal)	-138 dB @ 20 kHz -124 dB @ 100 kHz
Series Resistance	<300 mΩ (typ.)
Computer Interfaces	GPIB, RS-232, Ethernet. Ethernet control is over a simple socket interface or web page. RS-232 interface can be cascaded with up to 16 switch boxes. Integrated with SR1 to control up to 16 switch boxes.
Power	<10 W, 90 VAC to 264 VAC, 47 Hz to 63 Hz
Dimensions	17"×1.75"×11.5 (WHD)
Weight	5 lbs.
Warranty	One year parts and labor on defects in materials and workmanship



SR11 Front Panel

### Ordering Information

SR10	Balanced input switcher
SR11	Balanced output switcher
SR12	Unbalanced I/O switcher



SR11 Rear Panel



SR10 Rear Panel

### Distribution in the UK



Lambda Photometrics Ltd, Lambda House, Batford Mill, Harpenden, Hertfordshire AL5 5BZ

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