

# Luxi Presentation Switcher Quick Start Guide

## LU-SHD-310SM

Thank you for purchasing the Luxi Electronics® SHD-310SM switcher scaler. Please read this guide carefully before using the product. How the product functions: Please refer to the "Video signal path" and "Audio signal path" sections in the right column of the specs on page 4 for details.

### Receiver - front view



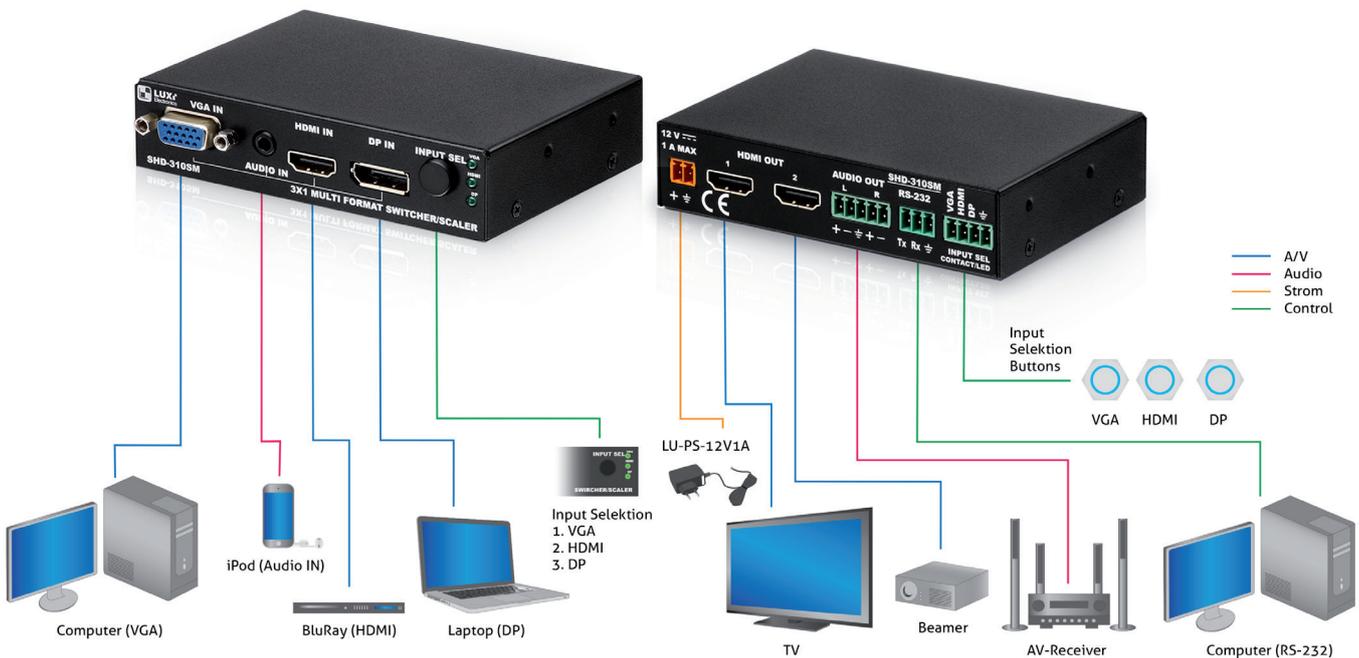
- VGA Input
- Audio Input
- HDMI Input
- DisplayPort Input
- Input Selection button
- 3x Status LED

### Receiver - rear view

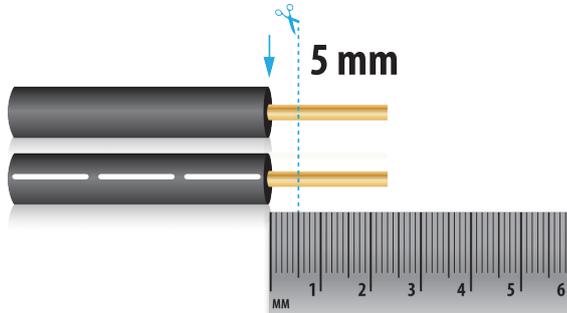


- Power
- 2x HDMI Output
- Stereo Audio Output
- RS-232
- Input selection connector

### System diagram

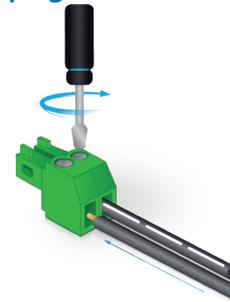


### Captive screw plug termination



The captive screw plugs for power, audio, RS-232 and contact controls are supplied with the unit. Separate the wires about 1" (2.5 cm) long; strip off the wire insulation precisely 3/16" (5mm) from the end.

### Captive screw plug termination



Identify the positive and negative leads of the power supply before assembly. When using a 3rd party PSU this must be checked before assembly. **CAUTION - always confirm your PSU connection with a multimeter before inserting it into the product - a miswired connection will cause damage to the product and void the warranty!!**

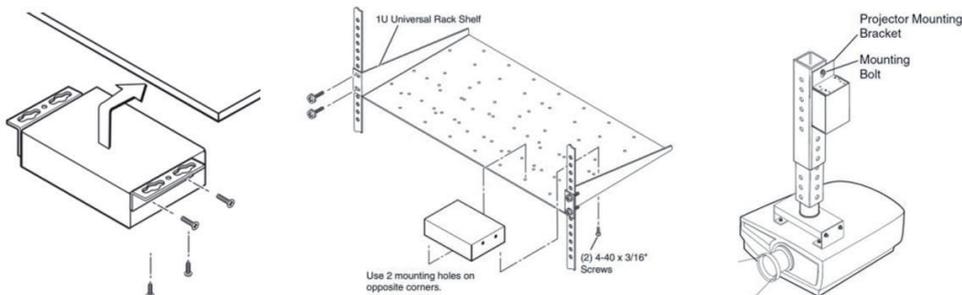
### Power options

This product draws power from an external 12 V power supply sold separately (Luxi P/N 69-002-01). Do NOT plug the power supply connector into any other connectors; this could cause permanent damage to the product and void the warranty.

### RS-232 controls

Only the input selections can be controlled by front panel or external buttons; all other functions can only be controlled by RS-232. See the RS-232 Setup Guide on Luxi website for more information: [http://luxielectronics.com/attachments/File/Luxi\\_RS-232\\_setup\\_guide.pdf](http://luxielectronics.com/attachments/File/Luxi_RS-232_setup_guide.pdf). Refer to page 3 for RS-232 commands and responses.

### Mounting options



Luxi has the under desk mount sold separately (Luxi P/N 78-002-01); the product also fits many other mounting hardware from Extron, Middle Atlantic, etc. Only use the type 4-40, 3/16" (5 mm) long screws supplied with the mounting hardware to screw onto the product. Wrong

type of screw could strip the threads; too long screw could touch and short the internal circuitry, cause permanent damages to the product and void the warranty.

### Control options

Pressing the "Input Sel." button on the front panel will toggle through the 3 video inputs. 3 sets of external contact closure push buttons and LEDs can select inputs discretely with the LED indication, see wiring diagram on the right side; when a button is pressed, the associated LED will blink once, then stay on. A RS-232 host connected to the rear panel can control all functions, see page 3 for the RS-232 commands and responses.

### Auto input switching

When activated by a RS-232 with an active command, the switcher will select the last connected input with active signal as the current input. Auto switching is turned off after any front panel, external button push, or a RS-232 input command. Default is auto switching off. Note: due to the nature of the wide varieties of the DP product designs, some DP source devices may not trigger the auto switch. Use manual switch when this happens.

### Support

Please contact your seller directly for local support. See PureLink Germany's website for RS-232 commands, RS-232 Setup Guide, specifications and manual.