



Safety Ring Switch

Front Plate Installation Guide



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Document srs_front-plate_inst_guide

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Warranty information

Limited warranty

Unless otherwise stated, your product is covered by a one (1) year parts and labor limited warranty. It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and dealer or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

Returning under warranty

Any Product unit or parts returned to Luminex LCE must be packaged in a suitable manner to ensure the protection of such Product unit or parts, and such package shall be clearly and prominently marked to indicate that the package contains returned Product units or parts. Accompany all returned Product units or parts with a written explanation of the alleged problem or malfunction.

Freight

All shipping will be paid by the purchaser. Items under warranty shall have return shipping paid by the manufacturer only in the European Union. Under no circumstances will freight collect shipments be accepted. Prepaid shipping does not include rush expediting such as air freight. Air freight can be sent customer collect in the European Union.

Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts.

General

Packaging

- 1 x SRS Front Plate with 2 Neutrik OpticalCon connectors
- 1 x SC-LC optical adapters

Overview

The Safety Ring Switch front plate is the ideal accessory that fits with your Safety Ring Switch. It allows you to use Robust Neutrik Opticalcon fiber for mobile use (tour, event, TV studio ...), where regular IT optical fiber could not be used.

Installation

- **On both switch**

Connect you first Safety Ring Switch to the first front plate using the SC to LC adapters (Illustration 1).

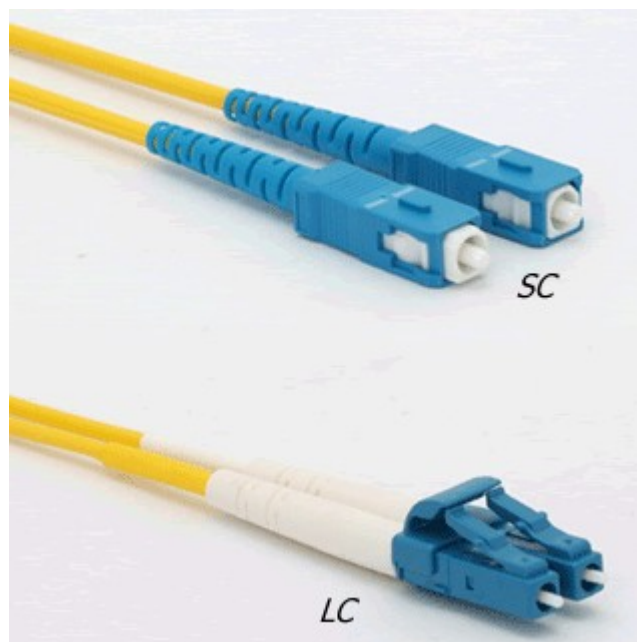


Illustration 1: SC to LC adaptor

SC connectors have to be connected at the rear of the Safety Ring Switch on ports 8 and 9. LC connectors have to be connected on the rear of Opticalcon connector (rear of the 1U panel). Some adapters comes with colors or letters on each port. Please respect the color scheme or letter scheme on ports 8 & 9 (Illustration 2). Wiring scheme on port 8 is the same as port 9.

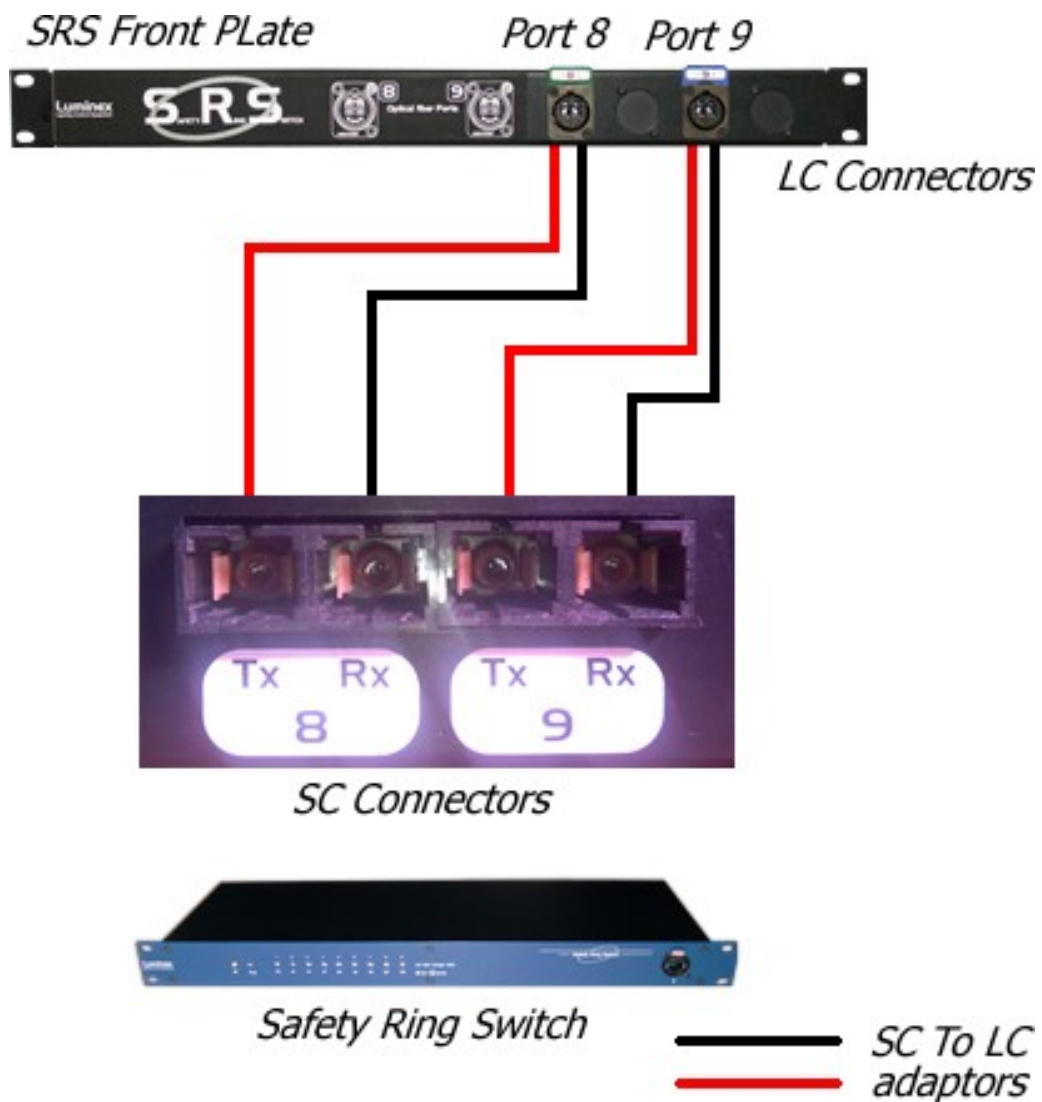


Illustration 2: both switch connection

Please pay attention to insert both SC or LC connectors in the right position. Refer to the connectors catch for correct insertion.

Repeat the same procedure for Safety Ring Switch N°2.

Using this wiring scheme allows you to always have Safety Ring Switch cabled in the same manner. Like this, it's easy to link two switches for a single redundant link between F.O.H and stage, or to create a huge ring of several switches.

In order to have the first switch transmit port (Tx) connected to the second switch receive port, you can connect port 8 on the first switch to port 8 or 9 on the second switch; Neutrik Opticalcon fiber is a crossover cable, so each Tx will be connected to a Rx port. However, and to establish a connection standard, Luminex recommend to always use the same scheme, port 8 to port 9 for instance. Illustration 3 shows the way Tx has to be connected to Rx, and vice versa. Repeat the same wiring procedure to each switch included in your ring.

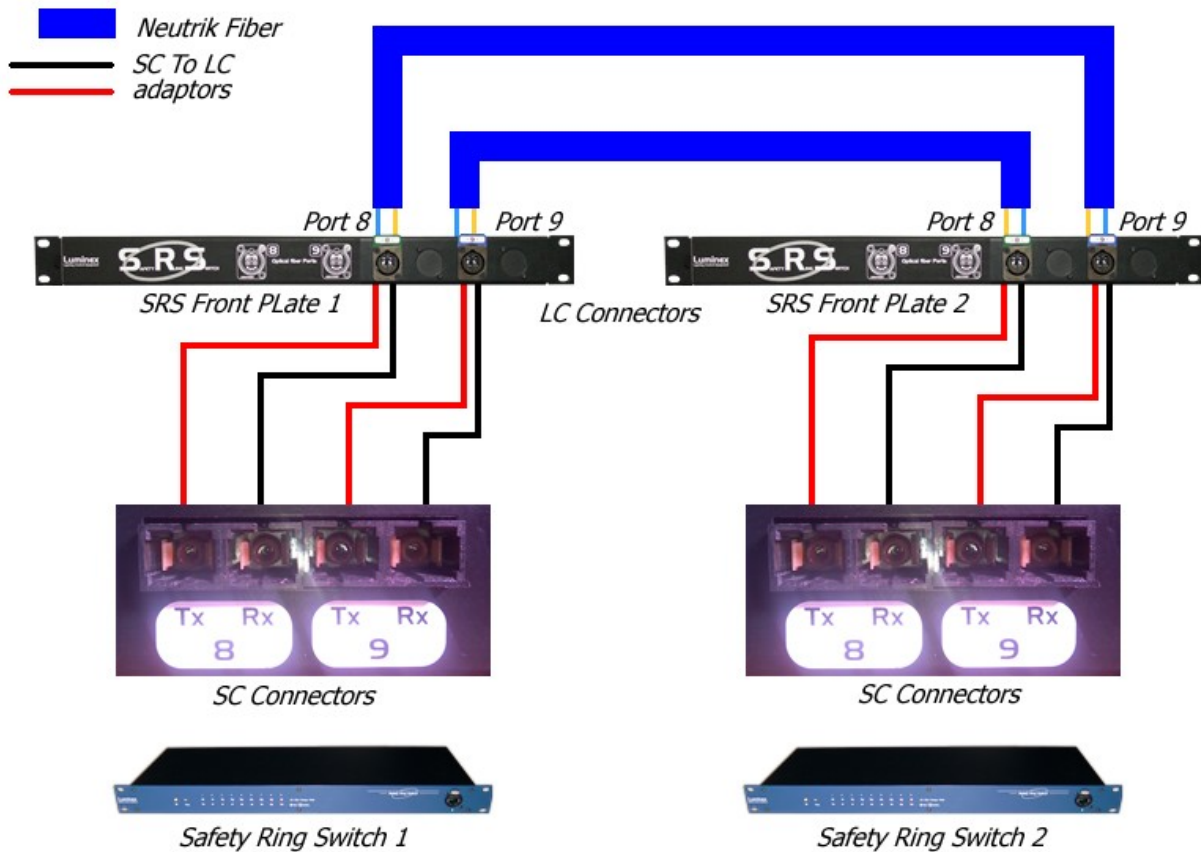


Illustration 3: global connection scheme

The switch automatically create the active and backup link.

In order to obtain a successful connection between switches, please check the 3 following points :

- Port 8 Link ACT/LINK LED on each switch has to be on
- Port 9 Link ACT/LINK LED on each switch has to be on
- Ring LED on each switch has to be on, not flashing.

If one of these point is not respected, please check again your connection between switches and front plate.

Please remind the link between switches can run only on one fiber, but you won't take benefit of the Safety Ring Switch redundancy system.

Neutrik Optical Fiber is a crossover fiber. Please remind this if you wish to use generic fiber leads instead of the Neutrik one, you may have to reverse the connection.