

# SOU

## Switch Over Unit

Standard 19" rackmount 3U unit is designed to monitor and control RS-232 and/or analog voice lines connected to two independent computers (main and backup). In case of the failure of a system, SOU evaluates the failure, status, and switches all external lines to the second computer automatically.



### Features

Manual automatic switching of serial lines and/or analog lines, up to 8 independent switching modules.

### User - selectable mode of switching:

- switching controlled by DTR signal
- switching controlled by RTS signal
- switching controlled by digital I/O

## Technical specifications

### Removable modules

<b>SOU-PWR</b>	<ul style="list-style-type: none"> <li>• hot-swappable power supply module</li> <li>• mounting of two SOU-PWR modules in parallel eliminates a single point of failure</li> <li>• input 120 to 230 V AC,</li> <li>• load 18 V DC, 15 W</li> </ul>
<b>SOU-RS-232</b>	<ul style="list-style-type: none"> <li>• serial line switch module</li> <li>• 2 x RS-232 (dual computer connection) + 1 x RS-232 (external device)</li> <li>• 2 x digital I/O (direct switching, status monitoring)</li> </ul>
<b>SOU-Voice</b>	<ul style="list-style-type: none"> <li>• 2 x analog input (line in C1, C2)</li> <li>• 1 x analog output (-30 dBm to 6 dBm / 600 Ω)</li> <li>• 2 x digital I/O (direct switching, status monitoring)</li> <li>• automatic operation (controlled by digital I/O) or manual mode</li> <li>• 1 x independent analog monitoring output</li> </ul>
<b>SOU-PSTN</b>	PSTN line switch module
<b>SOU-ISDN</b>	ISDN line switch module
<b>SOU-PTT</b>	push-to-talk signal module (ground / k kW)

## Mechanical

<b>Dimensions</b>	482 x 132 x 367 mm, standard 3U 19" rackmount unit
<b>Weight</b>	5800 g

## Environmental

<b>Operating temperature range</b>	0 to + 50 °C
<b>Operating humidity range</b>	0 to 90 % non-condensing

