Riedel Smartpanel RSP-2318

The RSP-2318 Smartpanel is the world's first key panel designed as a powerful multifunctional user interface. Its connectivity via AES67 or AVB and the bright multi-touch displays makes this Smartpanel the best in its class.

Together with the Riedel Intercom App, the RSP-2318 hardware turns into a powerful Intercom Key Panel.

- 19" rack size with 1 RU dimension
- 3 Multi-touch Color Displays
- 18 Keys
- 2 Ethernet ports (AES67 / AVB / Ethernet)
- 2 USB ports
- 1 HDMI connector (future option)
- 1 option slot

**RSP-2318 Smartpanel**

Legend

1) Microphone Connector
2) Exchangeable Headset Connector
3) Keys
4) Multi-touch color display
5) Operation Buttons
6) Front USB Connector
7) Speaker
8) Input Power Connector
9) Output Power Connector
10) GPI In-/Output Connectors
11) Expansion Panel Connector
12) Rear USB Connector
13) HDMI Connector (future option)
14) Ethernet Connectors (AES67 / AVB / Ethernet)
15) SD-Card Slot
16) Option Slot
17) Analog 4-Wire In-/Output Connectors
18) Headset Connectors
Riedel Smartpanel RSP-2318

**Hardware**

**Front Elements**
- Displays: 3 high-resolution, bright color, sunlight readable TFT Displays with multi-touch control (capacitive)
- Keys: 18 × Software-assignable rubber keys, 1 × encoder surrounded by LEDs for data entry, 3 × direct control buttons for Shift, Menu, Headset/Panelmic
- Headset*: User-exchangeable Headset connector with preinstalled 4-PIN male XLR connector
- Mic: Threaded 6,3 mm jack for microphone
- Speaker: Full-Range, high quality speaker
- USB: USB 2.0 Connector (Standard Type A) max. 500 mA

**Rear Elements**
- Power Connectors: Power Input
  - Power Loop-through e.g. for Expansion Panels (max. 6 A)
- GPI-In: 3 × Inputs
  - Un = +5 V ... +48 V
- GPI-Out: 3 × Output
  - max. 48 V / 300 mA protected by self-healing fuse
- Expansion Connector for Expansion Panels
- USB: USB 2.0 Connector (Standard Type A) max. 500 mA
- HDMI (future option): HDMI Type A Connector
- Ethernet: 2 × RJ-45 (8P8C) 10/100/1000BASE-T (AES67 / AVB / Ethernet)
- Option Slot: For option cards like the SPX-AES
- SD-Card Slot: Support of SD-Cards and SDHC-Cards up to 32GB size
- Audio: 2 × RJ-45 (8P8C) 4-Wire In- and Outputs
- Headset: 2 × RJ-45 (8P8C) Headset connectors, Headset A identical to front connector signal

**Overall**
- Environmental Temperature: 0 °C ... +45 °C
- Humidity: 20 % ... 90 % rel. hum. (non-condensing)
- Altitude: 3000 m abs. alt.
- Supply Voltage: 100 ... 240 VAC, 50 / 60 Hz (redundant)
- Power Consumption: ≤ 30 W
- Form Factor: 19", 1 RU
- Dimensions (w×h×d): 446 mm × 44 mm × 79 mm (Installing Dimensions)
- Weight: 1.7 kg

*Stereo Headset support expected with future software update

Above table describes hardware. Connectivity options and interfaces may not be available depending on loaded application.

**Software**

<table>
<thead>
<tr>
<th>App Features</th>
<th>Basic</th>
<th>Plus</th>
<th>Pro</th>
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<tbody>
<tr>
<td>Intercom keys</td>
<td>12</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td>Individual volume control</td>
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<td>✓</td>
<td>✓</td>
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<tr>
<td>Multi-touch Displays</td>
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<tr>
<td>AES67</td>
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<td>AVB</td>
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<tr>
<td>Panel Mic, Panel Speaker</td>
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<td>✓</td>
<td>✓</td>
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