

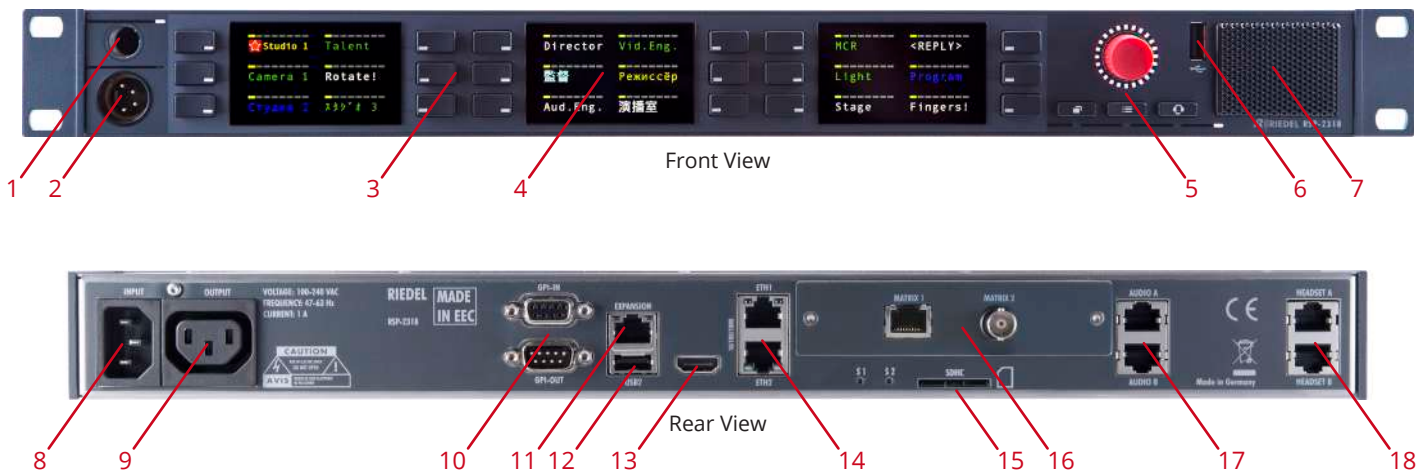
Riedel SmartPanel RSP-2318

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

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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/Panel Mic
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-though e.g. for Expansion Panels (max. 6 A)
GPI-In	3 × Inputs U _{in} = +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	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
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 Features

Intercom App	Basic	Plus	Pro	MediorNet-Control App	
Intercom Keys	12	12	18	Running on RSPs	✓
Individual Volume Control	✓	✓	✓	Control Keys	18
Multi-touch Displays	✓	✓	✓	Shift-Page	✓
AES67	✓	✓	✓	Running on ESPs	-
AVB	✓	✓	✓	Protocol	Ember+
SPX-AES Option Board	✓	✓	✓	Audio/Video/Macros	34/34/34
GPI (In/Out)	0/0	3/3	3/3	Macro depth	100 Commands
Audio I/O A	-	✓	✓	MediorNet 3rd-Party-IDs	250
Audio I/O B	-	-	✓	Panels per Network running MN-Control	25
Headset A	✓	✓	✓	Panel Mic, Panel Speaker	Owned by Intercom App
Headset B	-	✓	✓	Web User Interface for Configuration	✓
Expansion Panels	-	✓	✓	Browser Support	IE/Chrome/Firefox/iOS/Android
Shift-Page	✓	✓	✓	Open for Add-ons	✓
Panel Mic, Panel Speaker	✓	✓	✓	Flexible Upgrades	✓