

Riedel SmartPanel DSP-2312

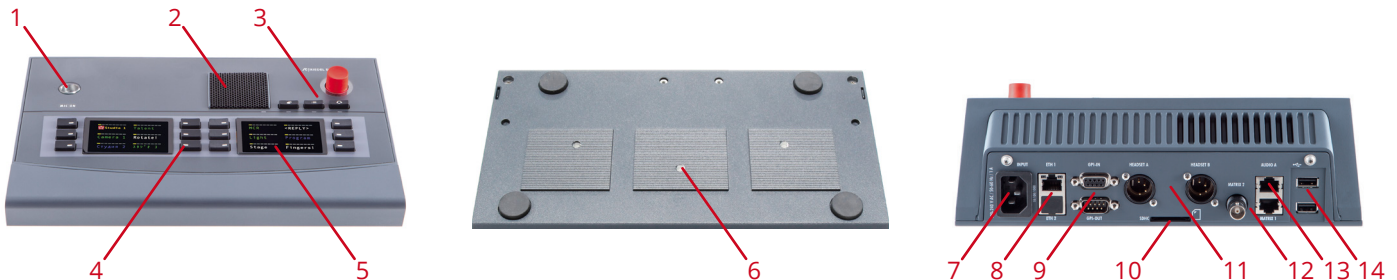
The DSP-2312 SmartPanel is the new addition to Riedel's multi-functional interface range. Following on from the RSP-2318 rack-mounted SmartPanel, its connectivity via AES67, AVB or AES3, app-based tools and the bright multi-touch displays continue to make the SmartPanel product range the best in its class.

Together with the Riedel Intercom App, the DSP-2312 hardware turns into a powerful Intercom Key Panel. And, the addition of other SmartPanel apps to the panel will continue to increase the functionality and power of this unit throughout its lifespan.

- Desktop SmartPanel
- 2 Multi-touch Color Displays
- 12 Keys
- 2 Ethernet ports (AES67/AVB/Ethernet)
- 2 Matrix ports (AES3)
- 2 USB ports
- Integrated power supply
- Riedel SmartPanel Apps support
- 1/4" - 20 threads for use with tripods or Magic Arms



DSP-2312 SmartPanel



Legend

- | | | |
|-------------------------------|---|--|
| 1) Microphone Connector | 6) 1/4" - 20 Threads | 11) Exchangeable Headset Connectors |
| 2) Speaker | 7) Input Power Connector | 12) AES3 Connectors (BNC/RJ45) |
| 3) Operation Buttons | 8) Ethernet Connectors (AES67/AVB/Ethernet) | 13) Analog 4-Wire In-/Output Connector |
| 4) Keys | 9) GPI In-/Output Connectors | 14) USB Connectors |
| 5) Multi-touch Color Displays | 10) SD-Card Slot | |

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Hardware

Top Elements	
Displays	2 high-resolution, bright color, sunlight readable TFT Displays with multi-touch control (capacitive)
Keys	12 × Software-assignable rubber keys 1 × encoder surrounded by LEDs for data entry 3 × direct control buttons for Shift, Menu, Headset/Panel Mic
Mic	Threaded 6,3 mm jack for microphone (to be ordered separately)
Speaker	Full-Range, high quality speaker
Rear Elements	
Power Connector	Power Input
Ethernet	2 × RJ-45 (8P8C), 10/100/1000BASE-T (AES67/AVB/Ethernet)
GPI-In	3 × Inputs U _{in} = +5 V ... +48 V
GPI-Out	3 × Output max. 48 V / 300 mA protected by self-healing fuse
Headset	2 × User-exchangeable Headset connector with preinstalled 4-PIN male XLR connector
SD-Card Slot	SD-Card Slot support of SD-Cards and SDHC-Cards up to 32GB size
Matrix 2	1 × BNC, AES3
Audio A	1 × RJ-45 (8P8C), 4-Wire In- and Output (requires license)
Matrix 1	1 × RJ-45 (8P8C), AES3
USB	2 × USB 2.0 Connector (Standard Type A) max. 500 mA
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	15 W / ≤30 W (typ. / max.)
Form Factor	Desktop Panel
Dimensions (w×h×d)	262 mm × 84 mm × 179 mm
Weight	1.81 kg

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

Software Features

Intercom App	Basic	Plus	MediorNet-Control App	
Intercom Keys	12	12	Running on DSPs	✓
Individual Volume Control	✓	✓	Control Keys	12
Multi-touch Displays	✓	✓	Shift-Page	✓
AES3	✓	✓	Protocol	Ember+
AES67	✓	✓	Audio/Video/GPI/Data/Multichannel Audio	34/34/34/34/34
AVB	✓	✓	Macro depth	100 Commands
GPI (In/Out)	0/0	3/3	MediorNet 3rd-Party-IDs	250
Audio I/O A	-	✓	Panels per Network running MN-Control	25
Headset A	✓	✓	Panel Mic, Panel Speaker	Owned by Intercom App
Headset B	-	✓	Web User Interface for Configuration	✓
Shift-Page	✓	✓	Browser Support	IE/Chrome/Firefox/iOS/Android
Panel Mic, Panel Speaker	✓	✓	Open for Add-ons	✓
			Flexible Upgrades	✓