RSP-2318 Smartpanel

SMART PANEL

Riedel's RSP-2318 Smartpanel is the world's first key panel designed as a powerful multifunctional user interface, that will enrich your user experience and change the way you communicate.

The unique feature set includes high-resolution, sunlight readable, multi-touch color displays, 18 keys in 1RU, premium quality stereo audio, as well as a multi-lingual character set, making this new Smartpanel the best in its class. Through apps, the feature set of this multifunctional user interface can be expanded.

Offering AVB and RAVENNA/AES67 connectivity as standard, and optionally AES3 over CAT/Coax (through the option slot), Riedel's RSP-2318 Smartpanel provides exchangeable headset connectors for mono or stereo applications, integrated power supply, low mounting depth, individual volume controls for each key, 2 USB ports, 2 Ethernet connectors, GPIO, Audio I/O, option slot and removable gooseneck microphone.

Developed to embody apps, including intercom, the RSP-2318 Smartpanel provides an intuitive and flexible user interface that can handle multiple tasks.
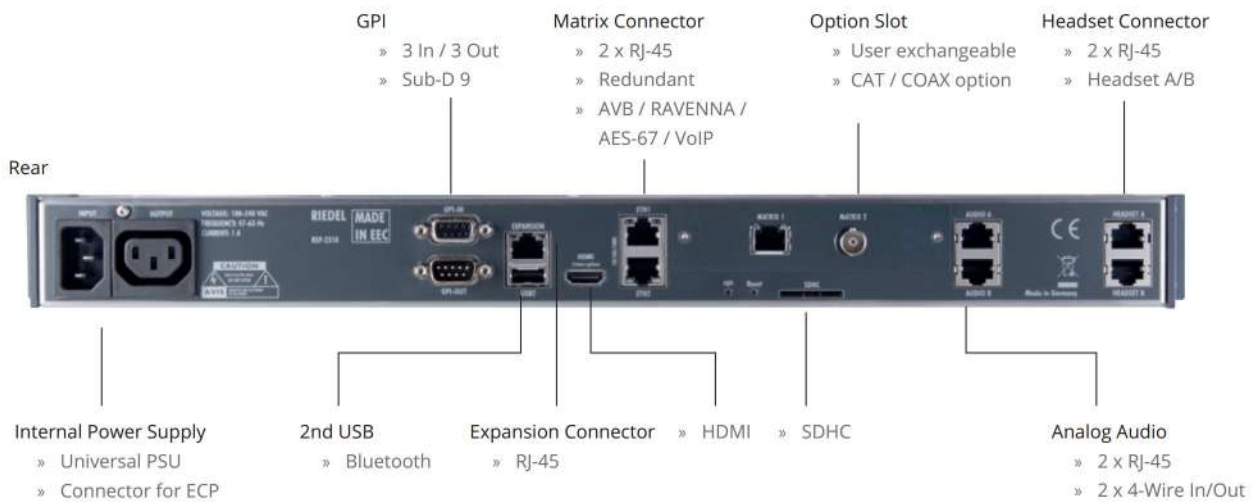
Riedel Smartpanel – Key Features

» Open platform for applications
» 18 keys
» High-resolution, sunlight-readable displays
» Individual volume control
» Intuitive touch-screen UI
» Integrated power supply

In the same ways that smartphones have enriched user experiences from traditional mobile phones, the Riedel RSP-2318 Smartpanel will bring your workflow to a whole new level.

Needless to say, the RSP-2318 Smartpanel provides backwards compatibility and thus can be integrated in any existing Riedel installation, allowing for smooth interoperability between all Riedel intercom systems, such as Artist, Tango, and Performer.

Riedel Smartpanel – Key Benefits

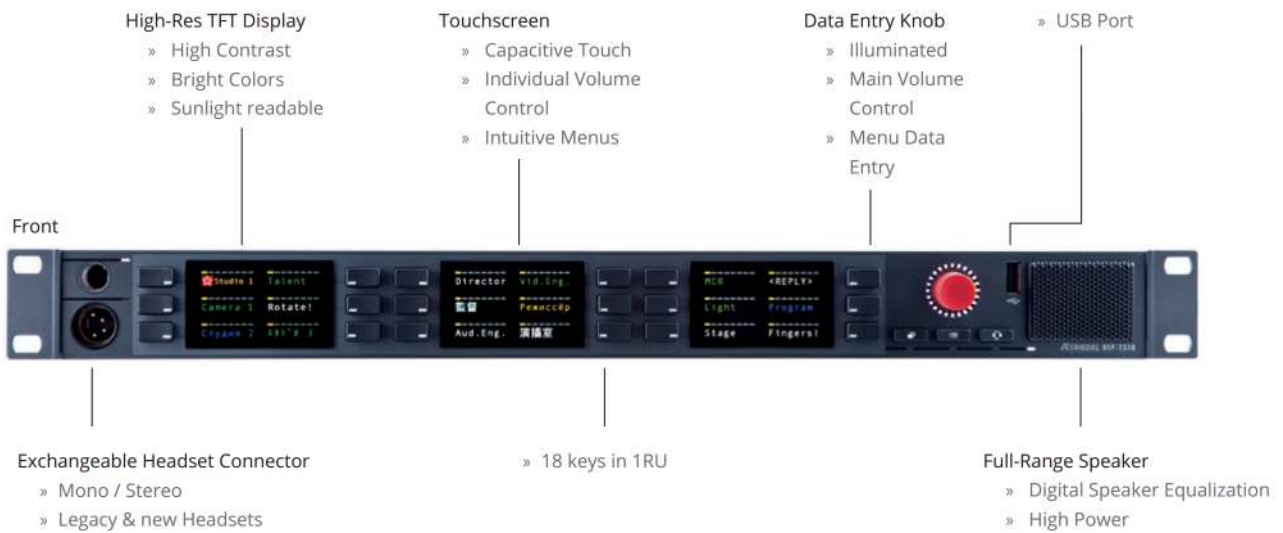» Compatible with all Riedel Intercom Matrix solutions
» Expandable feature set
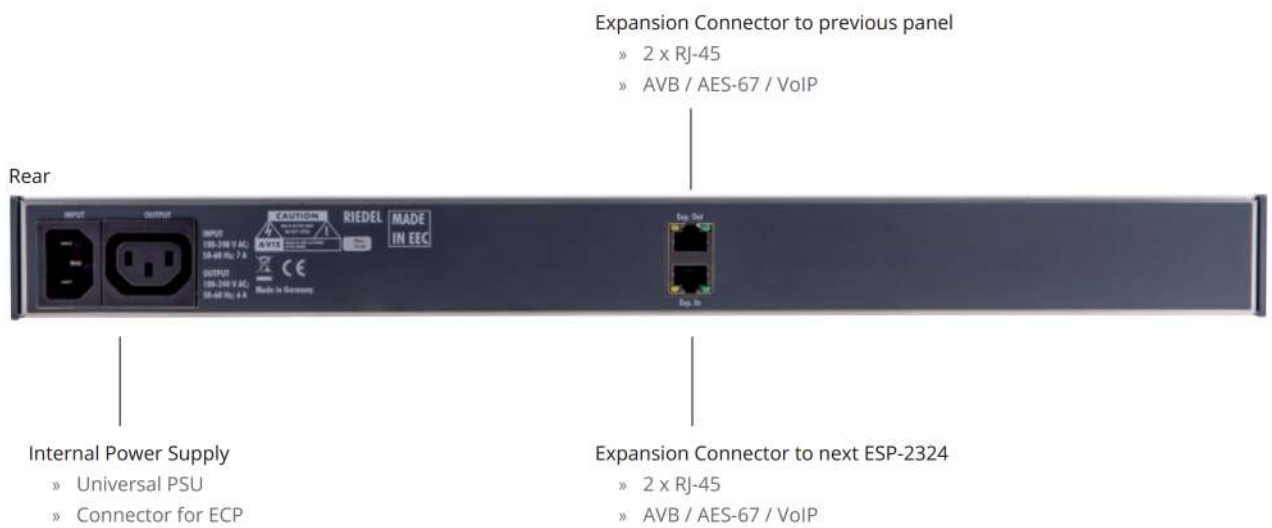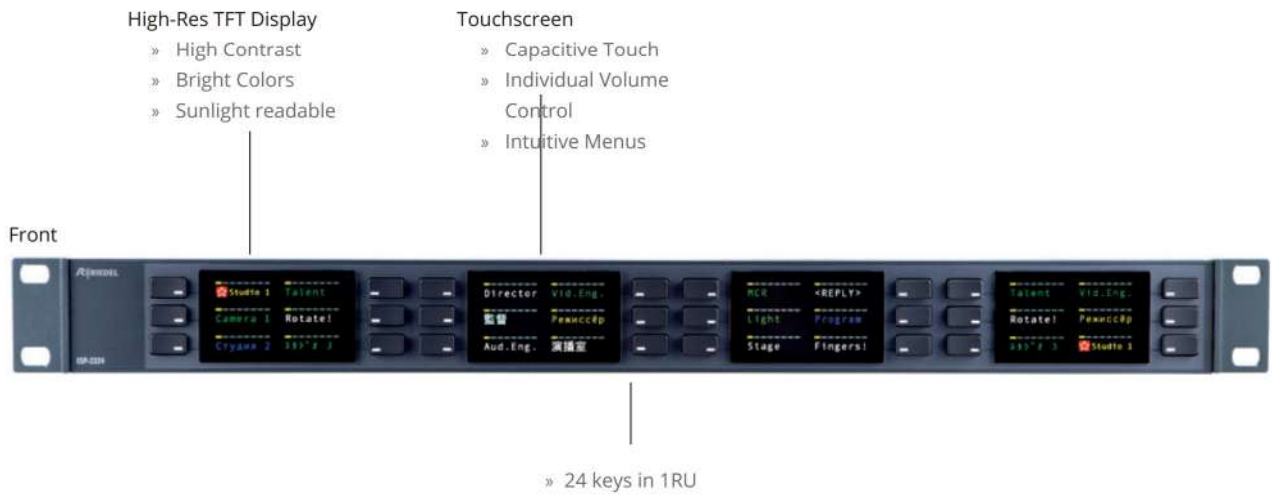» Universal Control Panel

What's a Smartpanel?

It´s an open app-based user interface, with integrated multi-touch technology designed to bring your workflow to a whole new level.

High-Res TFT Display
» High Contrast
» Bright Colors
» Sunlight readable

Touchscreen
» Capacitive Touch
» Individual Volume Control
» Intuitive Menus

Data Entry Knob
» Illuminated
» Main Volume Control
» Menu Data Entry

» USB Port

Front

Exchangeable Headset Connector
» Mono / Stereo
» Legacy & new Headsets

» 18 keys in 1RU

Full-Range Speaker
» Digital Speaker Equalization
» High Power

GPI
» 3 In / 3 Out
» Sub-D 9

Matrix Connector
» 2 x RJ-45
» Redundant
» AVB / RAVENNA / AES-67 / VoIP

Option Slot
» User exchangeable
» CAT / COAX option

Headset Connector
» 2 x RJ-45
» Headset A/B

Rear

Internal Power Supply
» Universal PSU
» Connector for ECP

2nd USB
» Bluetooth

Expansion Connector
» RJ-45

» HDMI

» SDHC

Analog Audio
» 2 x RJ-45
» 2 x 4-Wire In/Out

Tech Specs

Environmental Temperature	0 °C ... +45 °C
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

High-Res TFT Display

» High Contrast
» Bright Colors
» Sunlight readable

Touchscreen

» Capacitive Touch
» Individual Volume Control
» Intuitive Menus

Front

» 24 keys in 1RU

Expansion Connector to previous panel

» 2 x RJ-45
» AVB / AES-67 / VoIP

Rear

Internal Power Supply

» Universal PSU
» Connector for ECP

Expansion Connector to next ESP-2324

» 2 x RJ-45
» AVB / AES-67 / VoIP

Tech Specs

Environmental Temperature	0 °C ... +45 °C
Supply Voltage	100 ... 240 VAC, 50 / 60 Hz (redundant)
Power Consumption	≤ 5 W
Form Factor	19", 1 RU
Dimensions (w×h×d)	446 mm × 44 mm × 79 mm (Installing Dimensions)
Weight	1.4 kg

Smartpanel Apps

ARTIST / TANGO
Digital Matrix Intercom

PERFORMER
Digital Partyline Intercom

ACROBAT
Digital Wireless Intercom

INTERCOM
ACCESSORIES

HEADSETS

The RSP-2318 Smartpanel is now available with a choice of three intercom apps, each with a range of connectivity options to meet specific user requirements

With three editions of the intercom app for the Smartpanel, Riedel now provides exactly what customers need, allowing them to keep the costs low. With the new app concept,

customers don't have to pay for features that they do not need. This new approach and the future apps, which Riedel will provide for the Smartpanel, will give customers maximum flexibility and will allow the RSP-2318 to become a powerful interface not only for intercom, but for many other applications.

Intercom App	BASIC	PLUS	PRO
Intercom Keys	12	12	18
Individual Volume Control	✓	✓	✓
Multi-touch Displays	✓	✓	✓
AVB	✓	✓	✓
AES67	✓	✓	✓
GPI (In/Out)	-/-	3/3	3/3
Audio I/O A	-	✓	✓
Audio I/O B	-	-	✓
Headset A	✓	✓	✓
Headset B	-	✓	✓
Expansion Panels	-	✓	✓
Shift Page	✓	✓	✓
Panel Mic, Panel Speaker	✓	✓	✓
Flexible Upgrades	✓	✓	✓
Open for Add-Ons	✓	✓	✓

MediorNet Control App	
Control Apps	18
Audio I/O	34/34
Video I/O	34/34
Macros	34
Macro depth	100
Web UI for Configuration	✓
Panels per Network running MN Control	25
MediorNet 3rd party IDs	250
Expansion Panel	-
Shiftpage	✓
Panel Mic, Panel Speaker	still owned by Intercom App*
Flexible Upgrades	✓
Open for Add-Ons	✓

* if intercom and Control App are both licensed