



RSP-1232HL
1200 SERIES SMARTPANEL

RSP-1232HL

Riedel's next-generation SmartPanel opens new perspectives into multifunctional user interfaces.

Building upon the technology that powers Riedel's SmartPanel App-driven user interfaces, the new 1200 series RSP-1232HL multifunctional interface represents a quantum leap forward in workflow flexibility, power, and connectivity. Featuring multiple full-color multi-touchscreen displays, 32 innovative hybrid-lever keys, the ability to leverage apps for multifunctionality, and the ability to easily adapt to the various workflows in use today, this new panel is poised to allow you to work the way you always have while opening up entirely new possibilities.

Completely new from the ground up, the new 1200 series SmartPanel RSP-1232HL (Hybrid Lever) is Riedel's smartest SmartPanel yet! In addition to full-color touchscreens and support for multiple workflows, each of the 32 hybrid-lever keys features an innovative integrated rotary encoder that provides control over variable parameters in the same location as the key itself. The levers have been meticulously designed to have the perfect form, weight, comfort, responsiveness and anti-fatigue qualities to effectively redefine the way an intercom panel should feel. Each key also has an LED ring which allows for easy grouping of keys based on colors. Key Banks, a new take on shift pages, are user-definable (name and color) layers of keys that are accessed by simply pressing a button on the screen.

The RSP-1232HL is app-defined and can support multiple workflows. Some comms users prefer a "Talk/Listen" workflow where the user chooses what to listen to from an initially silent panel. Other users prefer a "Talk/Mute" workflow that starts with a panel that broadcasts everything and the users select which signals to turn off. Users decide which mode they prefer on a per-panel basis.

New features that make the panel easier to understand include Riedel's new Logical Groups concept. This allows users to choose custom colors for either the key labels or the LED rings that are positioned around each key. Each key label has an 8-character main label, a 16-character sub-label, and user-defined icon labels. Along with that is an icon-based signaling mechanism to tell the user what state each key is in at any point in time. open mic, muted key, incoming beep, or port busy are easy-to-read and understandable at a glance. Users can get as much or as little information about any given key as needed.

Connectivity is king at Riedel. The new panel takes advantage of the AES3 digital connectivity that Riedel has always used along with the SMPTE 2110-30 (AES67) connectivity that the company embraced in recent years. AES67 connections are two fiber SFP's and two RJ45 connections creating a variety of daisy chaining and redundancy options to realize extraordinary cabling flexibility and resilience.

Other features include stereo, phase-coherent speakers; front-panel mic mute and sidetone adjustments, front/rear USB, Bluetooth and NFC connectivity (as in the Bolero Wireless range), GPIO and 4-wire ports, and a light sensor for auto-calibration of screen brightness in changing light environments.

The new 1200 series SmartPanel is bursting at the seams with innovative features that deliver real operational and business benefits.

Dual Workflows

- The first panel featuring both Talk/Listen and Talk/Mute workflows
- Intuitive workflow design provides instant usability
- Workflow preference can easily be configured via Director

Info Display

- No mixing of "operating mode" and "menu mode"
- Stay fully operational (i.e. you do not lose access to your Intercom keys), if you need to enter additional settings or menus
- Find additional information and navigation for your current working context (e.g. key banks)

Unique new speaker design

- The first panel on the market to feature stereo speakers
- Space-saving speaker design
- Ultra-clear phase-coherent sound, so you can hear comms and program material better than ever



Hybrid lever with multi-touch display



Redundancy and daisy chaining options available



Key banks



- Create one page with all relevant keys for your morning show production



- Quickly change to all relevant keys for your evening show production with just one tap
- Users can still see status messages (open mics, incoming calls, and other) from key banks which are currently not visible

Logical groups

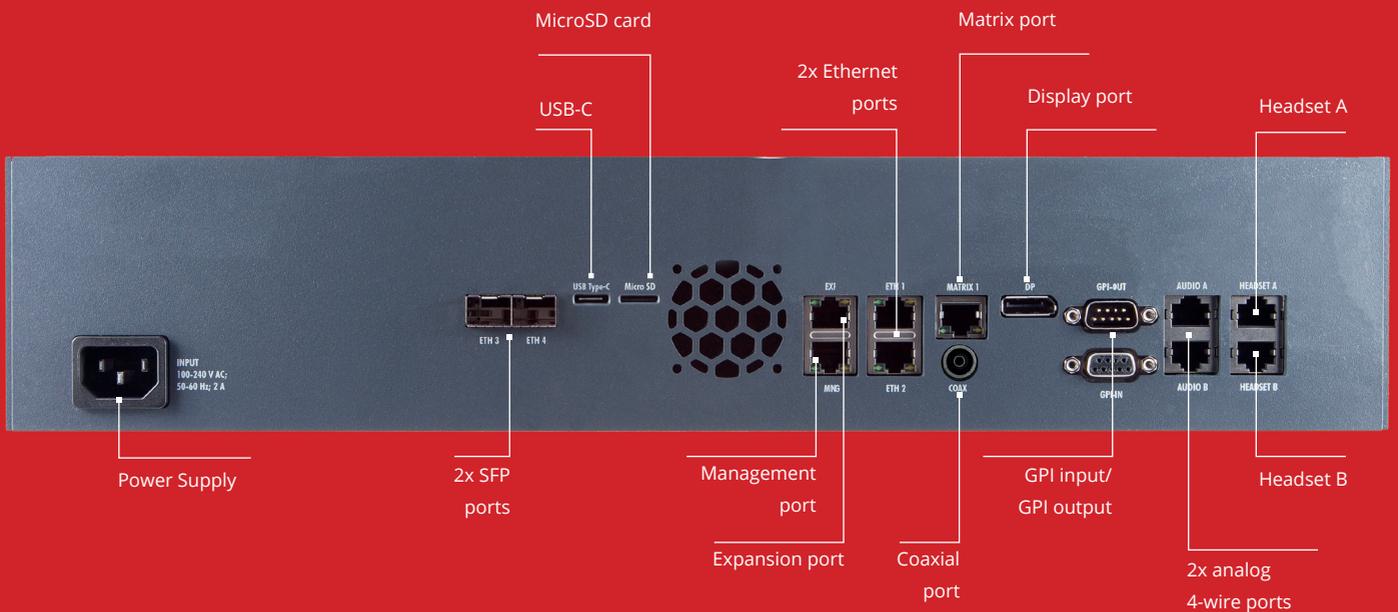
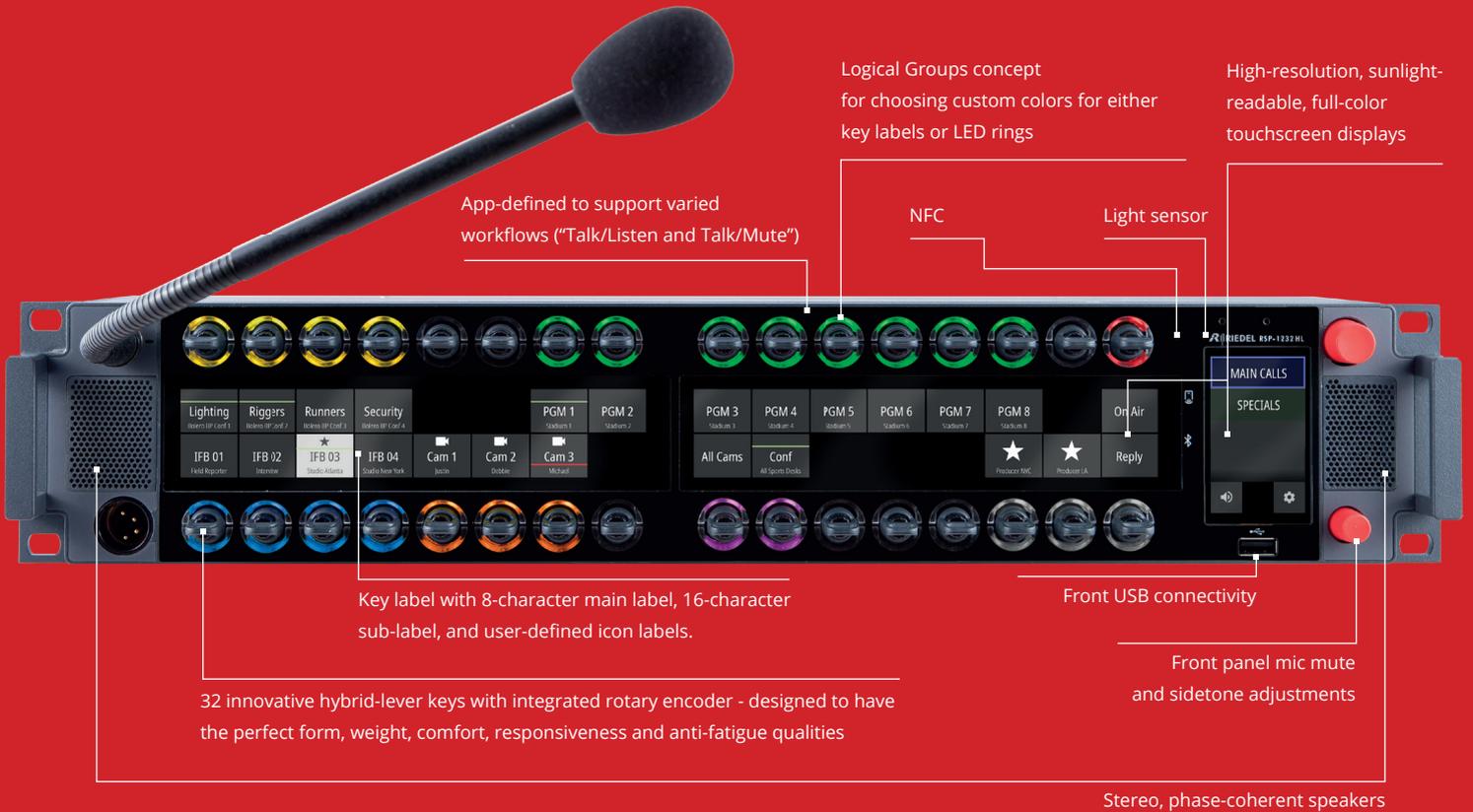
Quickly identify the teams / team members you need to talk to

- Flexibly choose between 16 individual group colors and assign them to either the key label or the LED color ring
- Create a simple way to show relationships between keys



Assign group colors to the LED rings or on the key labels

The smartest SMARTPANEL™ ever



HARDWARE FRONT ELEMENTS

Displays	3 high-resolution, bright color, sunlight readable TFT displays with multi-touch control (capacitive)
Keys & rotaries	32× software-assignable lever keys 2× rotary encoders for data entry
Mic	1× threaded 6.3 mm jack for microphone 1× internal panel microphone
Headset	User-exchangeable headset connector with preinstalled 4-PIN male XLR connector
Speaker	2× full-range, high-quality speakers
USB	USB 2.0 Connector (Standard Type A) max. 1000 mA
NFC	Available
Bluetooth	Available
Light Sensor	Available

HARDWARE REAR ELEMENTS

Power Connectors	Power input
SFP-Slots	2× slots for SFPs
USB	USB 2.0 connector (standard type C) max. 1000 mA
MicroSD-Card Slot	Support of MicroSD-Cards and MicroSDHC-Cards up to 32GB size
Ethernet	2× RJ-45 (8P8C) 10/100/1000BASE-T (AES67/Ethernet)
Expansion	Connector for Expansion Panels (RJ45)
Management	Connector for panel configuration (separation of audio and management network)
Matrix	2× connectors for matrix connection (RJ45, BNC)
DisplayPort	DisplayPort connector
GPI-Out	3× Output max. 48 V / 300 mA protected by self-healing fuse
GPI-In	3× Inputs U _{in} = +5 V ... +48 V
Audio	2× RJ-45 (8P8C) 4-Wire in- and outputs
Headset	2× RJ-45 (8P8C) Headset connectors Headset A identical to front connector signal

HARDWARE OVERALL

Environmental Temperature	0 °C ... +45 °C
Humidity	20 % ... 90 % rel. hum. (non-condensing)
Altitude	3000 m abs. alt.
Supply Voltage	90 ... 240 VAC, 47 ... 63 Hz
Power Consumption	<20W
Form Factor	19", 2 RU
Dimensions (w×h×d)	445 mm × 88 mm × 95 mm / 19" × 3.7" × 3.5" (Installing Dimensions)
Weight	3.4 kg / 7.4 lbs

SOFTWARE FEATURES

Intercom Keys	32
Individual Volume Control	✓
Multitouch Displays	✓
AES3	✓
AES67	✓
GPI (In/Out)	3/3
Audio I/O A	✓
Audio I/O B	✓
Headset A	✓
Headset B	✓
Expansion Panels	✓
Key Banks	✓
Panel Mic, Panel Speaker	✓
Logical Groups	✓



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