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**Link to Word Doc:** [www.wallstcom.com/Riedel/180409SmartPanel.docx](http://www.wallstcom.com/Riedel/180409SmartPanel.docx)

**Link to Photos:** [www.wallstcom.com/Riedel/Riedel\_RSP-1232HL.jpeg](http://www.wallstcom.com/Riedel/Riedel_RSP-1232HL.jpeg)

**Description of Photo:** The new RSP-1232HL panel from Riedel Communications represents a quantum leap forward in workflow flexibility, power, and connectivity.

New SmartPanel From Riedel Redefines How a Keypanel Should Look and Feel, Enables Multiple Workflows

**LAS VEGAS** — **April 9, 2018** — Building upon the technology that powers its SmartPanel app-driven user interfaces, Riedel Communications proudly introduced the new 1200 series SmartPanel today. Making its debut at the 2018 NAB Show, the RSP-1232HL represents a quantum leap forward in workflow flexibility, power, and connectivity. Featuring multiple full-color multitouch displays, 32 innovative hybrid-lever keys, the ability to leverage apps for multifunctionality, and the ability to adapt easily to the various workflows in use today, this new panel is poised to allow users to work the way they always have while opening up entirely new possibilities.

The two-year research and development effort behind the RSP-1232HL panel involved input from many users and industry pros. Every aspect of existing panel technology was evaluated, from the spacing of components to their look and feel. The result is a 32-key user interface with each lever key having an integrated rotary encoder that provides control over parameters in the same location as the key. 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.

The RSP-1232HL has been designed to support varied workflows. Some comms users prefer “Talk & Listen” workflows where the user chooses what to listen to from an initially silent panel. Other workflows prefer a “Talk & Mute” workflow where users start with a panel that broadcasts everything, with the users selectively choosing which signals to turn off. Users decide which mode they prefer on a per-panel basis.

Inventing a panel from scratch also enables new features that greatly aid in making the panel easier to understand for users. Riedel’s new Logical Groups concept 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 eight-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 always a big consideration for Riedel, and it was important that the new panel take advantage of both the AES3 digital connectivity the company has always used along with the SMPTE 2110-30 (AES67) connectivity that it has embraced in recent years. AES67 connections are two fiber SFPs and two RJ45 connections that create a variety of daisy-chaining and redundancy options to realize extraordinary cabling flexibility.

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

“From the onset we knew we had to do more than just provide lever keys,” said Johan Wadsten, User Interface and User Experience Product Manager for Riedel. “This new SmartPanel is chock-full of smart design and innovations that will drive user interfaces forward in ways that likely haven’t even been conceived of yet. I couldn’t be happier with the results and with the performance of the development teams here at Riedel.”

Further information about Riedel and the company’s products is available at www.riedel.net.

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**About Riedel Communications**

Riedel Communications designs, manufactures, and distributes pioneering real-time video, audio, data, and communications networks for broadcast, pro audio, event, sports, theater, and security applications. The company also provides rental services for radio and intercom systems, event IT solutions, fiber backbones, and wireless signal transmission systems that scale easily for events of any size, anywhere in the world. Riedel is headquartered in Wuppertal, Germany, and employs over 450 people in 19 locations throughout Europe, Australia, Asia, and the Americas.

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