

RIEDEL Intercom Panels – The Easy-to-operate Key Panels

Whether you decide for the 1100 series panels, the classic 1000 series panels, the new 2300 series panels or any other Intercom panel: You can be sure to get easy-to-operate, high-tech control panels with broadcast quality audio, minimum dimensions and outstanding design made through quality German manufacturing.



1100 Series Panels

The 1100 series is Riedel's high-tier control key panels for Riedel digital matrix intercoms. Following Riedel's intuitive concept of integrated displays in the panel keys, the 1100 series features high-res colour OLEDs. With 65,000 colours and a resolution of 140 dpi these new displays provide excellent readability and are able to show highly detailed characters and icons of up to 24x24 pixels. The panel provides individual rotary encoders to adjust the listen level of each talk key. An option slot for additional modules prepares the control panel for future technology developments.



1000 Series Panels

The 1000 Series is the classic set of key panels from Riedel and is available in 19" rack-mount, desktop and modular (Danner) versions. All control key-panels feature bright, dimmable 8-digit alphanumeric in-key LED displays, individual rotary encoder for listen level control and LED level indication for each talk key. In addition, all 1000 Series control key-panels provide five dedicated function keys, a built-in loudspeaker, XLR headset connector and a removable gooseneck microphone. Three GPIs and three GPOs are available for system-wide programming as standard.



5108 Panel

The 5108 panel is a very cost-effective matrix intercom solution designed to meet the demands of all intercom markets. It provides the full functionality of Riedel's digital matrix intercom panels at an unbeatable entry-level price. The 5108 panel features an 8 character, high-contrast LCD display. The universal enclosure makes the panel suitable for rack-mount, wall-mount and desktop operation.



Riedel Virtual Panels

The Riedel Virtual Panels allow a regular computer or a mobile device to function as an intercom control panel in combination with any Riedel digital matrix intercom system. The communication between the matrix and the virtual panel is handled via the VoIP-108 G2 client card.

Suitable for:



Riedel Control Panels – Key Benefits

- » Individual listen level control to adjust the listen level of each talk key
- » Entirely digital connection to the matrix via AVB (prepared for AES67) or AES3/EBU (RJ-45 for CAT wiring and 75 ohm BNC connectors for coaxial video cables provided as standard)
- » All connectivity options offer a second audio channel, which allows the panel to transport broadcast quality audio in addition to the intercom application
- » Panels can be routed through any AES3/EBU audio routing environment
- » 3 GPIs and 3 GPOs for system-wide programming
- » Two sets of balanced line level audio inputs and outputs
- » Ultra-compact design with integrated power supply and a recessed depth.
- » Smart panel feature set

	1100 Series Panels	1000 Series Panels	5108 Panel	2300 Series Smartpanels
Features				
Display type	exclusive multi-colour high-res 8 character OLED in-key displays	exclusive 8 character LED in-key displays	8 character LCD display	Display: 8 character, sunlight readable, high-res color TFT touch screen
Key type	exclusive keys with integrated display	exclusive keys with integrated display	push-button with illuminated colour indication	push-button / touch screen
Support of horizontal and vertical mode	yes	yes	no	yes
Cross-point level indication for each key	yes	yes (LED)	no	yes
Individual listen level / on-off controls for each key	yes / yes (individual rotary control for each key)	yes / yes (individual rotary control for each key)	no / no	yes / yes
Shift-page to double the keys	yes	yes	yes	yes
Function keys for fast operation	headset/panel mic, shift-page, F1, F2, options	headset/panel mic, shift-page, normalisation, options, beep		Headset / panel mic, mute, shift-page, menu
Digital connection to matrix	CAT, Coax / optional: Fiber, VoIP & AVB (prepared for AES-67)	CAT, Coax / optional: Fiber & VoIP	CAT / optional: Coax, Fiber & VoIP	AVB (prepared for AES-67) / optional: VoIP, CAT, Coax
Balanced analog line level inputs / outputs	2x / 2x	2x / 2x	no / no	2x / 2x
GPI opto-inputs / relay outputs on DB9 connectors	3x / 3x	3x / 3x	no / no	3x / 3x
Slot for future option modules	yes	no	no	yes
Removable gooseneck microphone	yes	yes	fixed gooseneck microphone	yes
Front headset on 4-pin XLR	yes	yes	yes	yes
Rear connector for external microphone / speaker	yes / yes	yes / yes	no	yes / yes
Built-in loudspeaker	yes	yes	yes	yes
Integrated power supply	yes	yes	yes	yes
Types				
Rack-mount	RCP-1112; 12 keys; 19"/1RU; depth: 80mm / 3¼"	RCP-1012E; 12 keys; 19"/1RU; depth: 56 mm / 2¼"		RSP 2318; 18 keys; 19"/1RU; depth: 78,5 mm
	RCP-1128; 28 keys; 19"/2RU; depth: 80mm / 3¼"	RCP-1028E; 28 keys; 19"/2RU; depth: 56 mm / 2¼"		ESP 2324; 24 Keys; 19"/1RU; depth: 78,5 mm
	ECP-1116; 16 keys expansion; 19"/1RU; depth: 80mm / 3¼"	ECP-1016E; 16 keys expansion; 19"/1RU; depth: 56 mm / 2¼"		
Desktop		ECP-1012ET; 12 keys expansion with keypad; 19"/1HE; depth: 56 mm / 2¼"		
	DCP-1116; 16 keys	DCP-1016E; 16 keys	DCP-5108; 8 keys/2RU	
Modular	DEM-1106; 8 keys Expansion Module (Danner)	DIF-1000 / DPS-1000 Modular Panel Interface / Power Supply; 19"/1RU	(Universal enclosure for rack-mount, desktop & wall-mount operation)	
	DEM-1106D; 8 keys Expansion Module (DHD)	DBM-1004E; 4 keys Base Module (Danner)		
	DEM-1106L; 8 keys Expansion Module (Lawo)	DEM-1006E; 6 keys Expansion Module (Danner)		
Smart features				
Intuitive touch screen control				yes
Bluetooth connectivity				yes (optional)
Stereo				yes
Exchangable headset connector				yes
Open platform				yes