

RSP-Z2™

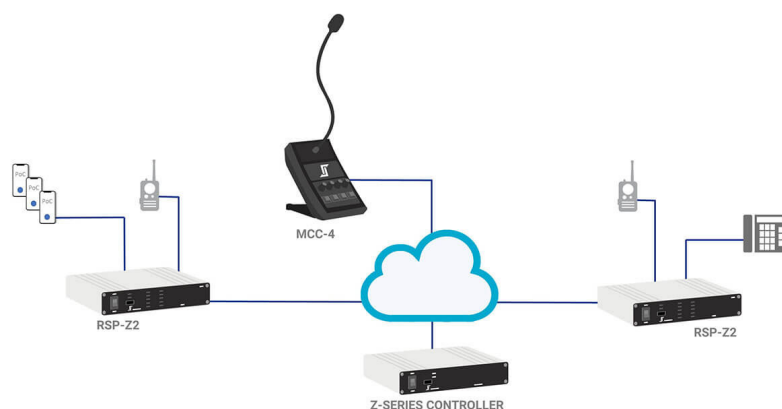
DUAL-CHANNEL INTEROPERABILITY GATEWAY



OVERVIEW

The RSP-Z2 delivers versatile analog/VoIP audio patching between local radio and IP-based resources such as Push-to-Talk over Cellular (PoC) services, SIP devices, DFSI-capable devices like P25 radio, and system-to-system protocols like JPS RoIP+®, RoIP, and RTP.

The straightforward User Interface (UI) design enhances the RSP-Z2's capabilities by providing – in addition to interoperability nets for dynamic audio patching – one-way audio monitoring and/or broadcasting groups, configurable operator actions like DTMF injection, streamlined integration into a JPS Unity wide area system managed by a Z-Series Controller, and more. Context-sensitive help guides the user through all resource and system settings options.



LOCAL PATCHING

The resources associated with the two radio connectors on the RSP-Z2 may be configured as local radios or they may be configured for IP-based communications. Two more resources on the RSP-Z2 are reserved for IP-based communications. Additionally, the RSP-Z2 provides configuration for up to four recorder resources and a local USB headset.

ADVANCED FEATURES

Advanced features complement JPS' proven standard features like COR and PTT indicators, RX and TX audio levels, thresholds and hangtimes, among others. Unique features like patented Adaptive Transmit Delay for a superior trunked radio interface and JPS' continued attention to smooth integration with all types of half-duplex devices provide superior radio system connectivity. SIP-specific options such as Auto Dial on Transmit, Registrar connectivity, and advanced NAT traversal facilitate SIP system and device integration. A growing list of connectivity to different types of audio streaming services ensures the complex challenges of patching these systems to radios or each other is handled with ease.

KEY BENEFITS

- + Supports: Radio & four-wire interfaces, RoIP+, RoIP, DFSI, MCC, RTP, SIP, & POC
- + Tight integration with the Z-Series Controller
- + Single Ethernet port and IP address; configurable NTP
- + Extensive USB wired and wireless headset compatibility
- + Two-way Nets, one-way Monitor, Broadcast, Recorder resources
- + Resource-specific settings for optimal audio quality
- + SIP, DFSI, and RoIP+ resource-level and system-level settings
- + Patented, enhanced trunked radio Adaptive Transmit Delay
- + Uses standard JPS radio interface cables; is compatible with all JPS RoIP interfaces
- + Encryption optionally available
- + Includes versatile RoIP+ protocol

