

## VOIP-108 G2 / Connect IPx2 – Intercom-over-IP Lösung

Intelligent and seamless interfacing to the outside world is the key to success in many intercom applications. The Connect IPx2 is the latest addition to Riedel's comprehensive Voice-over-IP product range.

It is the small brother of the Riedel Connect IPx8 panel interface and is designed to connect up to two Artist control panels to the matrix via IP based networks. Connect IPx2 is the perfect team mate for Riedel's VOIP-108 eight channel VoIP client card, which is installed directly within the mainframe. The VOIP-108 G2 Client Card and the Connect IPx2 are designed to transport quality audio with low bandwidth over digital IP-based networks. Designed for mission-critical applications like the broadcast industries the devices provide several failsafe options, which ensure audio is available even under extreme circumstances.

### VOIP-108 G2 8-Port Matrix Client Card

The new VOIP-108 G2 card converts up to eight Artist matrix ports into a compressed IP-stream and vice versa. The range of supported codecs includes PCM, G.711 and G.722 with packet loss concealment – a unique feature in the world of intercom. To always ensure best possible audio quality, the user can choose between a high-quality mode with an audio bandwidth of 7 kHz resulting in a data rate of less than 80 kBit/s (incl. panel data) and a low-traffic mode with 3.5 kHz audio bandwidth and a data rate of less than 40 kBit/s per channel (incl. panel data).

# CONNECT<sub>IPx2</sub>

### SIP & EBU Tech 3347 compatible

Riedel's Voice-over-IP solutions establish the connection via the SIP protocol and are fully compliant with the intercom-over-IP standard EBU Tech 3347. The panel interface Connect IPx2 flawlessly connects any Artist 1000, 2000, 3000 or 5000 series control panel with full functionality to Artist matrices via IP-networks.

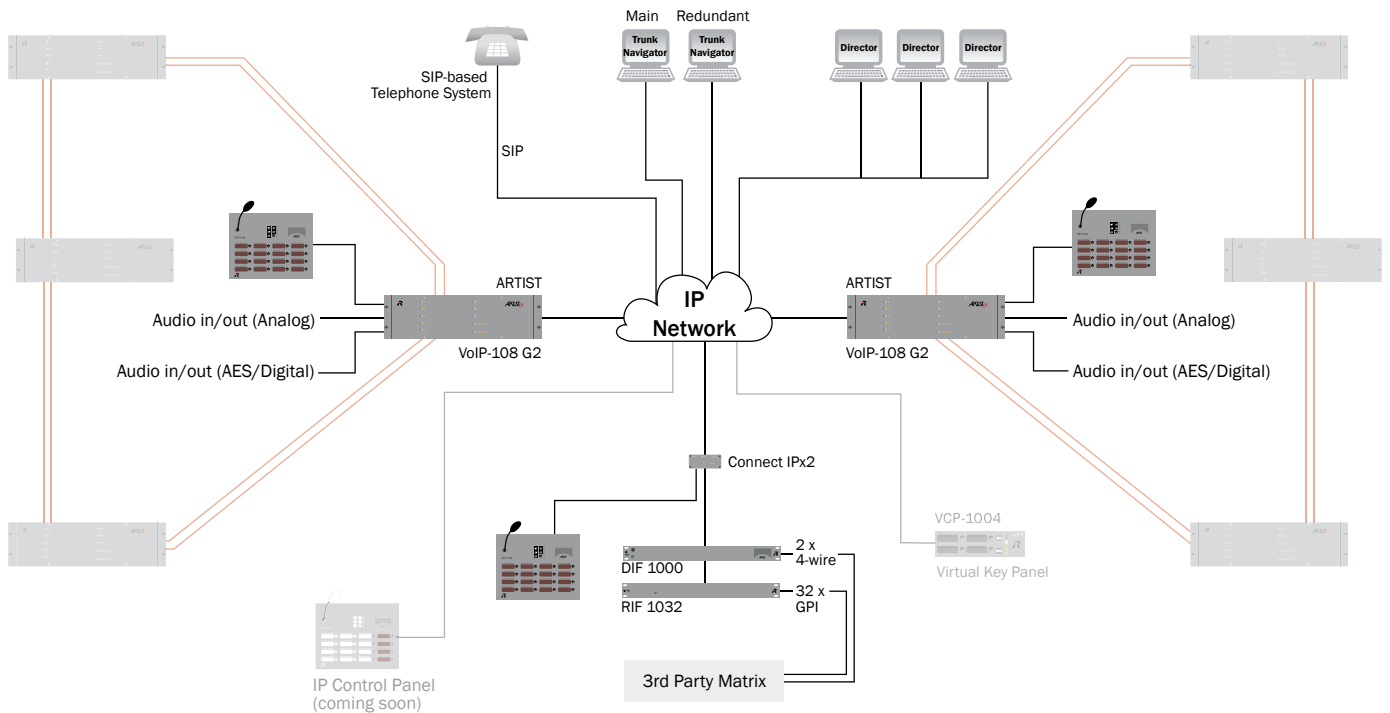
### Future-proof Technology

Internally both the card and the panel interface are running an embedded operating system. This architecture is a sound investment since the devices can be updated to codecs available in the future.



# VOIP-108 G2 / Connect IPx2 – Intercom-over-IP Solution

## System Overview



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