

RiFace G2



The RiFace is a universal radio interface to link wired communication systems with radio systems. Originally introduced in 1992, Riedel's RiFace established itself as the standard for the integration of 2-way radios into wired intercoms.

The new RiFace G2 expands the possibilities of the highly acclaimed industry standard interface:

- Convenient operation via color display and rotary encoder
- Advanced signalisation
- Slot for option cards
- Reduction in weight
- Enhanced thermal management

The 19"/2RU interface includes one or two radios, processor logic to control the radios as well as circuitry to adjust the levels of the various audio sources. Set-up and operation is fast and easy.

The basic version uses one radio and provides one simplex radio link. It either receives or transmits at any one time, so that speech direction is changed by TX modulation and TX non-modulation.

To adapt to a wide range of applications transmitter keying can be done in various ways, i.e. by operating the PTT switch, by call light signals on the 2-wire partyline intercom, by vox-activation on the 4-wire audio input (VOX) or via an external contact closure.

The extended version uses two radios and can be programmed to provide either two independent simplex or one semi-duplex radio link.

In semi-duplex mode one radio is set for permanent transmission, the other one remains on receive. This enables the mobile radio to permanently listen to the base station while still keeping the opportunity to talk back.

The extended version can also be operated as a repeater (frequency converter) for simplex radio links.

This setup also uses one radio for permanent transmission while the other one remains on receive.

RiFace G2 can process both 2-wire partyline intercom as well as 4-wire audio signals.

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Specifications

Dimensions

19"/2 RU, 367mm (14.5") depth

	RiFace TV basic version	RiFace TV extended version
RF Bands	66-88 MHz 136-174 MHz 403-470 MHz 450-470 MHz 450-520 MHz	66-88 MHz 136-174 MHz 403-440 MHz 450-470 MHz 450-520 MHz
RF Power	1-6 Watts	1-6 Watts
Operation	simplex	simplex, semiduplex, duplex
Temperature	0°C - +50°C (32°F - 122°F)	0°C - +50°C (32°F - 122°F)
Storage Temperature	-25°C - +85°C (-13°F - +185°F)	-25°C - +85°C (-13°F - +185°F)
Weight	17.6 lb	17.6 lb
Inputs/outputs	- transformer balanced +6dB line in/out - N-type antenna connector	- transformer balanced +6dB line in/out - N-type antenna connector
Compatible Radios	Analog: GM340/360, CM340/360 Digital: MTM700 (Tetra), MTM800/ MT-M800enhanced, DM3400/ DM3401 (Moto-trbo)	Analog: GM340/360, CM340/360 Digital: MTM700 (Tetra), MTM800/ MT-M800enhanced, DM3400/ DM3401 (Moto-trbo)



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