R22-P

The R22-P is a Dante-enabled interface device within the Xilica Rio family of audio I/O expanders. Rio products, although perfectly-paired with Xilica's Neutrino-N and Uno-N devices, may also be used with any Dante-compatible product from other manufacturers. The R22-P provides bi-directional Dante audio transport in a small-format, remote package.

The R22-P is a 1/4 rack-chassis size with Mic/Line Input (switchable) and individual 48V Phantom Power. The R22-P product differs from the R44-P, in that it features a smaller I/O count - 2-in, 2-out.

R44-P

The R44-P is a Dante-enabled interface device within the Xilica Rio family of audio I/O expanders. Rio products, although perfectly-paired with Xilica's Neutrino-N and Uno-N devices, may also be used with any Dante-compatible product from other manufacturers. The R44-P provides bi-directional Dante audio transport in a small-format, remote package.

The R44-P is a 1/4 rack-chassis size with Mic/Line Input (switchable) and individual 48V Phantom Power. The R44-P product differs from the R22-P, in that it features a larger I/O count - 4-in, 4-out.

Technical Specifications

Input impedance	>10k Ohms
Output impedance	50 Ohms
Maximum level	+20dBu
Mic/Line	Mic (+40dB Fixed gain)/Line (0dB)
Type	Electronically balanced w/ 48V Phantom power
Frequency response	+/-0.15dB (20 to 20kHz)
Dynamic range	110dB typ (unweighted)
CMRR	>50dB @ 1kHz
Crosstalk	<-110dB @ 1kHz
Distortion	0.002% (1kHz @ +4dBu)

Processor	40-bit Floating point
Sampling rate	48kHz
Analog converters	High-performance 24-bit
Connectors	Phoenix connectors, RJ45 Ethernet, External PSU (included)
Power	External power (included) or PoE
Dimensions	4 1/4"x1 3/4" x 4 3/4" (108x45x152mm)
Rack mount	Surface mount brackets (included)
Weight	0.5lbs / 227grams
Warranty	2 years parts and labor

*Specifications subject to change

Customer Support

If you'd like to contact us regarding product support or technical designs, email support@xilica.com and we'll connect you with a solutions engineer. Alternatively, if you'd like to speak to someone, you can call the following numbers for immediate assistance:

International:	+1 905 770-0055
US Toll Free:	+1 877 767-0234
Europe:	+31 29940-1100
China & Hong Kong SAR:	+852 2604-9382

R22-WP-X

The R22-WP-X is a wall-mount Dante interface panel within the Xilica Rio family of networked audio products. The R22-WP-X provides a cost-effective way to add two (2) I/O channels of bi-directional Dante audio to an existing Dante-based network.

The R22-WP-X provides XLR analog I/O connections only, alongside Mic/Line input, switchable 48V Phantom power and separate status LED. The product features a two-piece design with Decora style faceplate, which snaps onto the main metal body. Variants are available in all black, all white, black/white and white/black.

R22-WP-M

The R22-WP-M is a wall-mount Dante interface panel within the Xilica Rio family of networked audio products. The R22-WP-M provides a cost-effective way to add two (2) I/O channels of bi-directional Dante audio to an existing Dante-based network.

The R22-WP-M provides a mix of XLR, dual RCA (L+R summed), and stereo 3.mm (L+R summed) analog connections, alongside switchable 48V Phantom power. The product features a two-piece design with Decora-style faceplate, which snaps onto the main metal body. Variants are available in all black, all white, black/white and white/black.

Technical Specifications

Input impedance	>10k Ohms
Output impedance	50 Ohms
Maximum level	+20dBu
Mic/Line	Mic (+40dB Fixed gain)/Line (0dB)
Type	Electronically balanced w/ 48V Phantom power
Frequency response	+/-0.15dB (20 to 20kHz)
Dynamic range	110dB typ (unweighted)
CMRR	>50dB @ 1kHz
Crosstalk	<-110dB @ 1kHz
Distortion	0.002% (1kHz @ +4dBu)

Processor	40-bit Floating point
Sampling rate	48kHz
Analog converters	High-performance 24-bit
Connectors	XLR, RCA, RJ45 Ethernet, External PSU (included)
Power	External power (included) or PoE
Dimensions	4.6"x4.6"x1.2" (117x117x30mm)
Rack mount	Surface mount backbox (included)
Weight	1lbs / 0.5kg
Warranty	2 years parts and labor

*Specifications subject to change

Customer Support

If you'd like to contact us regarding product support or technical designs, email support@xilica.com and we'll connect you with a solutions engineer. Alternatively, if you'd like to speak to someone, you can call the following numbers for immediate assistance:

International:	+1 905 770-0055
US Toll Free:	+1 877 767-0234
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