

SOLARO XIO

Modular I/O Expansion Frames



Making systems scalable. That's the job of the Solaro XIO: the next-generation of Input/Output Expansion Frames from Xilica.

- Deliver lower cost per input, and advanced system configurations with card-slot based expansion frames
- Bring expansion frames directly into specific rooms, creating new overflow capabilities and signal transportation across a facility
- Accept common Solaro Series I/O option cards, including two-channel analog audio in, analog audio out and AES/EBU
- Expand a system's Dante capabilities with either 4x4 or 32x32 send/receive Dante transmission
- XIO's drag & drop Xilica Designer software for PC and Mac is used to configure DSP functionality, the modular I/O card configuration and the XIO's programmable remote controls
- Solaro XIO can be controlled via Ethernet using the Xilica Designer software GUI; the optional new XTouch50 and XTouch80 programmable touch controls; iOS and Android devices via our free XTouchApp; and with any third-party control system (Crestron, AMX, others)

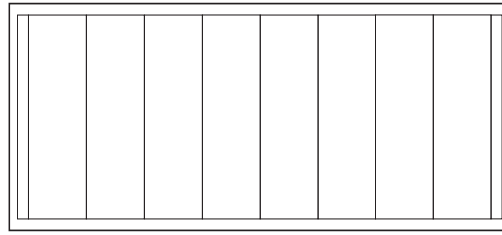
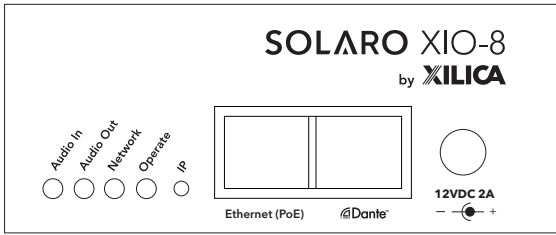
Engineer's Specification

The **XIO8** model shall provide 4x4 I/O of Dante network audio plus eight (8) modular card slots in a quarter rack 1RU XIO-Frame that accepts 2ch audio plug-in cards. The front panel shall include power, audio in/out LEDs, network LEDs, Operate LED, IP reset, RJ45 Ethernet connectivity, and RJ45 Dante™ connectivity. The rear panel will provide plug-in type audio connections. Power can be sourced from the included +12VDC/2A external power supply or via PoE.

The **XIO16** model shall provide 32x32 I/O channels of Dante network audio plus sixteen (16) modular card slots in a 19 inch 1RU XIO16-Frame that accepts 2ch audio plug-in cards. The front panel shall include a front panel OLED display and jog wheel. The rear panel shall provide IEC internal power connection, on/off switch, Ethernet RJ45 connection, dual Dante RJ45 connectors, and plug-in type audio connections.

Available XIO8/XIO16 audio I/O plug-in cards include a 2ch Mic/Line input card; a 2ch line output card; and a 2ch AES/EBU digital audio card selectable as inputs or outputs. The 2ch Mic/Line input card provides Mic/Line, 48v phantom power, and gain selection per input and uses premium grade mic pre-amps. Audio connections shall be accessed via rear panel 6 position 3.81mm Phoenix plug-in type connectors.

The XIO8 sample rate is 48kHz while the XIO16 provides selectable 48/96kHz sampling. The processors shall be ETL marked and comply with UL/CSA/CE safety requirements, FCC emission requirements, and shall be compliant with the RoHS directive. Warranty shall be three years, parts and labor. The Dante interfaces shall be the XIO8 and XIO16.



Technical Specifications (XIO 8)

Card slots	8 (8 blank cards mounted in the frame)
Processor	40-bit Floating point
Sampling rate	48kHz
Propagation delay	4.5ms
Connectors	RJ45 with PoE capability, RJ45 with Dante connectivity, DC Jack (when PoE is not used)
Power	+12VDC/2A External power supply 90-240 VAC 50-60Hz (included) or Power over Ethernet (PoE)

Mounting	Surface mount bracket included Optional dual rack mount kit
Dimensions	4.25"x1.75"x6" (108x44x152mm) (without mounting brackets)
Weight	2.2lbs / 1kg (Mainframe only, without power supply)
Warranty	3 years parts and labor

*Specifications subject to change

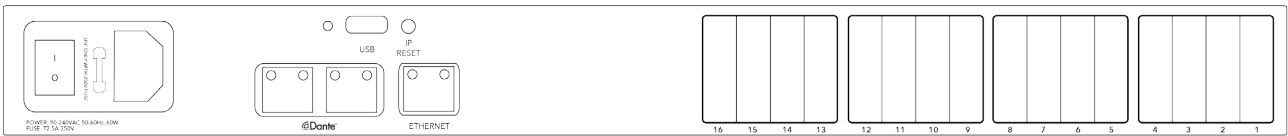


Customer Support

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





Technical Specifications (XIO 16)

Card slots	16 (16 blank cards mounted in the frame)
Processor	40-bit Floating point
Sampling rate	48 / 96kHz selectable
Propagation delay	4 / 2ms (48 / 96kHz respectively)
Connectors	RJ45 Ethernet, RJ45 with Dante connectivity, IEC power socket

Power	90-240 VAC (50-60Hz)
Rack mount	1RU, with vent between units
Dimensions	19"x1.75"x12" (483x44x305mm)
Weight	11lbs / 5kg
Warranty	3 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

