

# 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)

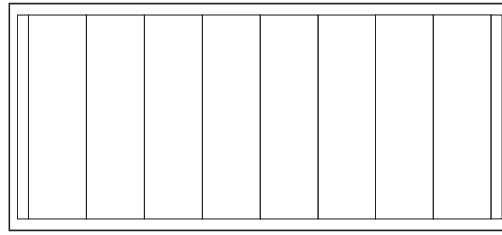
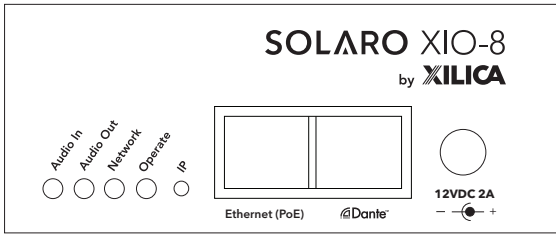
### Engineer's Specification

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

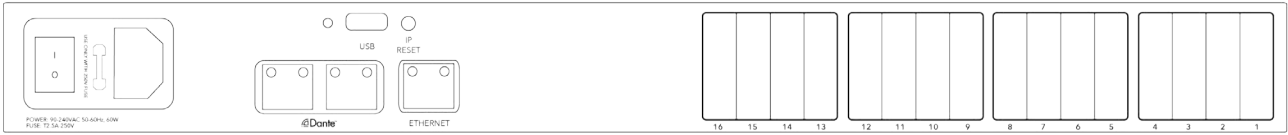


### Customer Support

If you'd like to contact us regarding product support or technical designs, email [support@xilica.com](mailto: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

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