QSC™

Q-SYS™

Integrated System Platform

I/O Frame

Features

- I/O Frames may be equipped with a variety of audio input and output cards
- Premium 24-bit AD and DA conversion used throughout
- I/O Frames may be located with the Core or remotely – whichever best suits the needs of the installation
- Intuitive and easy to use design GUI
- Uses standard Gigabit Ethernet hardware for audio transport and control
- System seamlessly integrates with QSC amplifiers and loudspeakers
- Q-Sys technical support is available 24/7 – worldwide

24/7

Q-Sys™ is a complete integrated system that encompasses everything from the audio input to the output of the loudspeakers; it provides all the routing, processing, control and monitoring, while maintaining the audio quality and reliability QSC has come to be known for.

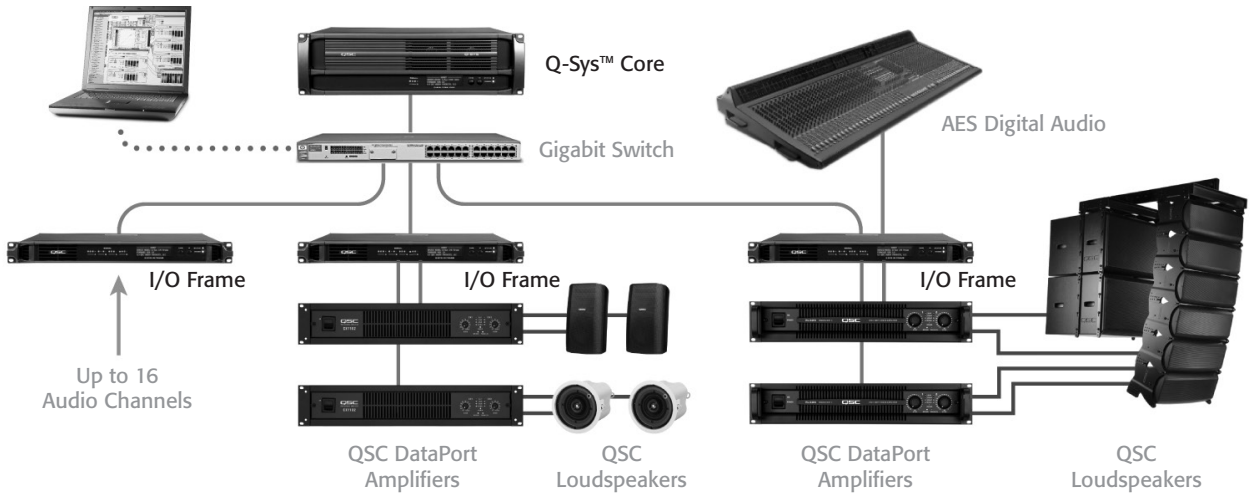
Physically located near audio sources and destinations, I/O Frames provide the points of connection used to interface Q-Sys with other components of the audio system, such as mixers and power amplifiers. Each I/O Frame features four card slots, which can support up to four of the following I/O cards, mixed and matched in any configuration: **Mic/Line Input card** — Four channels of switchable mic/line-level analog audio input with 48V phantom power (available with standard or premium pre-amps and A/D converters). **Line Output card** — Four channels of balanced, line-level analog output. **DataPort Output card** — Four audio output channels (2 DataPorts) for connection to DataPort equipped QSC amplifiers. **AES Input/Output card** — Four input and four output channels of AES-3 digital audio. The I/O Frame will also support a single network card (such as Cobranet, and future cards such as Dante / AVB) to provide a bridge to the Q-Sys Core, up to 16 inputs and 16 outputs.

One of the primary development goals was to create a platform that had nearly unlimited resources; Q-Sys truly lives up to that goal with unrivaled processing breadth and depth. The design interface was created specifically to harness its unmatched power while remaining intuitive and easy to use. The processing tools are extensive and simple to apply. Once the system is designed, you will find that Q-Sys also offers a useful suite of trouble shooting and measurement tools.

The strength of the centralized architecture used by Q-Sys is that it facilitates the implementation of total or partial system redundancy. A system can be created with Core, Network, I/O Frame and even amplifier redundancy. In a redundant Q-Sys system, a problem with any of the primary devices will result in the back-up device taking over. If, for example the Core experiences a failure, the backup core automatically takes over ensuring continued flawless operation.

Q-Sys is a powerful and reliable unified system that features rock-solid performance backed by the unrivaled service and support QSC has built its reputation on. For more information please visit www.qscaudio.com/products/network/Q-Sys.

I/O Frame | Specifications



System Hardware	**I/O Frame**
Description	System audio input and output device
Front Panel Controls	LCD page forward momentary switch Unit ID button momentary switch Clear settings momentary switch
Front Panel Card Receptacle	–
Front Panel Indicators	Power On: Blue LED Device Status: Tri-color LED Audio Signal: Five tri-color LEDs/per I/O card slot 240 x 64 monochrome LCD graphics display
Rear Panel Connectors	RS-232: DE-9 (male 9-pin D shell connector) GPIO A: DA-15 (female 15-pin D shell connector) Q-Sys Network LAN A: RJ45 1000 MBps only Q-Sys Network LAN B: RJ45 1000 MBps only
I/O Capacity	Up to 16 x 16. Requires purchase of I/O cards.
Line Voltage Requirements	100 VAC – 240 VAC, 50 – 60 Hz
Current Draw	625 mA (120V mains)
Thermal	205 BTU/h (typical)
Dimensions (HWD)	1.75" x 19" x 15" (44.45 mm x 482.6 mm x 381 mm)
Accessories Included	6 ft UL/CSA/IEC line cord • User manual • Optional audio I/O ship kit

As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.

1675 MacArthur Boulevard • Costa Mesa, CA 92626 • Ph: 800/854-4079 or 714/957-7100 • Fax: 714/754-6174

please recycle