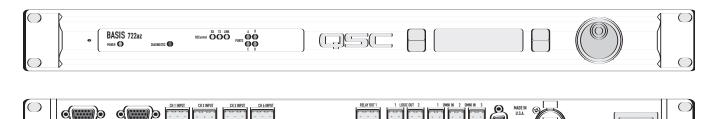
# **QSControl.net**

# DIGITAL SYSTEMS PRODUCTS Preliminary Specifications

## **BASIS 722az**



OSControl.net, OSC's next generation network audio system, achieves the seamless integration of the company's control, processing, and monitoring technologies. OSControl.net brings together OSC's digital, power amplification and loudspeaker products into a unified system that enables the user to administrate it all via a fully integrated graphical user interface. The new generation BASIS devices are designed to operate under the company's OSControl.net platform.

#### **BASIS 722az**

The BASIS platform meets the control, monitoring and processing needs of amplification and loudspeaker systems over an Ethernet network. The BASIS 722az units combine two distinct QSC technologies within a single hardware unit. Amplifier and loudspeaker control, monitoring and protection, and configurable DSP are seamlessly integrated into one powerful single RU package.

Through QSControl.net, QSC's BASIS and next-generation RAVE and DSP products can be networked together and controlled from a single software interface. In addition, multiple networked computers can be set up to control and monitor all of the units simultaneously.

## **Fixed Latency DSP**

Users of most other configurable DSP systems are familiar with a variable latency inherent in the processing configuration. Add more processing blocks and you also add delay, whether you want it or not. QSC's DSP engine is unique in having a short and fixed processing latency through the DSP subsystem. When the A/D and D/A converters are included, the total analog-to-analog latency of a single unit is a negligible 2.354 milliseconds. QSC's fixed latency DSP is configurable DSP that stays fast and predictable from one configuration to the next.

For more information, log onto www.qscontrol.net

INPUTS	DSP	OUTPUTS
Analog		DataPort
8 line level	24 x 24	4 (8 channels)

### **Features**

- Amplifier and loudspeaker control, monitoring and protection
- Configurable DSP functions and signal paths
- · Fixed latency DSP engine
- Ethernet controllable
- Each unit can store eight design configurations that can be changed on the fly
- Snapshots can recall config or block and/or parameter settings
- Matrix mixer any size, up to 24 x 24
- · Automixers gain sharing
- Routers any size, up to 24 x 24
- Gain controls any channel count, up to 24
- Graphic equalizers
- Filters high-pass, low-pass, all-pass, shelf, parametric, parametric shelf, Butterworth high and low-pass, Linkwitz-Riley high and low-pass, Bessel-Thomson high and low-pass
- Crossovers Linkwitz-Riley, Butterworth, Bessel-Thomson in-phase, Bessel-Thomson symmetrical, 2-way, 3-way, and 4-way general purpose adjustable
- Compressors, peak limiters, AGC's, gates, dynamics processor
- Duckers up to 8 channels, up to 60 seconds fade in and fade out times, priority mix
- · Pink noise, white noise, sine
- Delays
- Macros user-definable custom blocks





LCD data display