

# NVISION Compact CQX

## HD/SD router with 'clean and quiet' switching



The NVISION Compact CQX is a 16 x 8 router which offers 'Clean and Quiet' outputs for performing seamless video and audio transitions. The CQX provides two Clean and Quiet outputs for HD/SD signals, and six auxiliary outputs are available for preview or monitoring. It also offers support for up to 16 channels of embedded audio.

The CQX's unique design supports  $\pm 3$  line buffer, which reduces the need for costly timing equipment. The line buffer allows the router to realign sources which are grossly out of time, and switch them with minimal delay. This switching is performed without any video artifacts or audio pops that are typically associated with a transition of this nature.

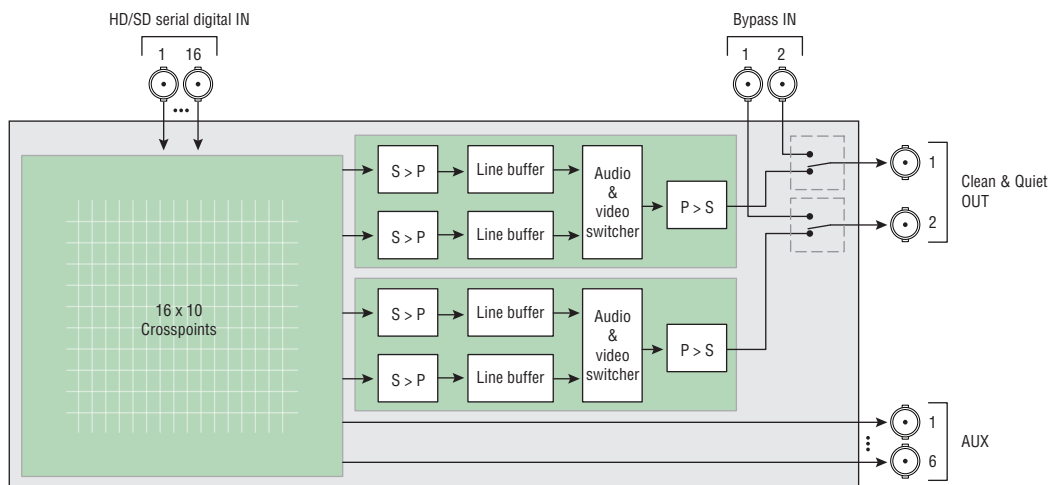
Robust, compact and affordable, the NVISION Compact CQX is ideal for disaster recovery back-up and bypass master control applications. It can also be used as a low-cost alternative to a master control system. Several transition types are available, including V-fade, cut-fade, fade-cut, and crossbar.

The CQX features two separate emergency bypass inputs with relays to ensure critical signal passage, even in the event of a power outage.

The NVISION Compact CQX is based on the same durable and scalable design as the rest of the NVISION Compact router range. It can operate as a standalone unit, and can also be driven by an external control system.

### KEY FEATURES AND BENEFITS

- Unique design supports a  $\pm 3$  line buffer, reducing the need for costly timing equipment
- 16 inputs, 2 clean & quiet outputs, 6 auxiliary outputs
- Support for 16 channels of embedded audio
- V-fade, cut-fade, fade-cut, and crossbar transitions
- Choice of three transition rates
- GPI/O interface for simple external control
- Two bypass inputs with relays guarantee signal passage in the event of power failure
- Serial port supports NVISION router serial protocol for automation control



Compact CQX Functional Block Diagram



### ORDERING INFORMATION

#### Clean and quiet switches

- CR1602-HD-CQX 16x8 HD clean and quiet switch, 1RU
- CR1602-SD-CQX 16x8 SD clean and quiet switch, 1RU

#### Control panel\*

- CP1602-CQX 16x8 control panel for CQX

\*Must be purchased with each NVISION Compact CQX, mounts to the front of the switcher or to a RP16 for remote control.

