

## FLX-8X8A Technical Specifications

### Eight Input to Eight Output Flexible Switching Matrix

Rev. 130106

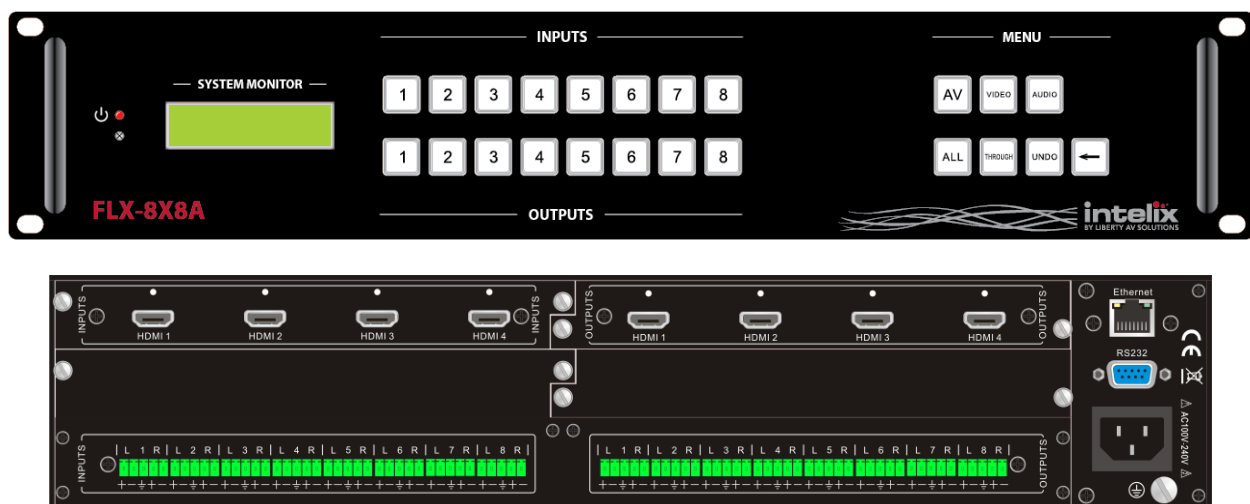
The Intelix FLX-8X8A is a modular eight input by eight output video matrix switcher with a built-in eight input by eight output stereo audio matrix switcher. Each modular input or output card supports up to four device connections. In addition to front panel control, the FLX-8X8A can be controlled via IR, RS232, or TCP/IP connections.

The modular input cards include the following connections: HDMI, DVI, HDBaseT (with RS232 and bi-directional wide-band IR), and analog video with digital scaling via HD15 (VGA-UXGA, RGBHV, RGsB, RsGsBs, component video, S-video and composite video). The modular output cards include the following connections: HDMI, DVI, and HDBaseT.

The analog stereo audio inputs and outputs on the FLX-8X8A can connect to balanced or unbalanced audio devices. In addition to audio following video, the audio and video signals can be switched independently.

Clear button caps provide legible text on the front panel, which can be customized for each installation. IR, RS232, and TCP/IP provide a wide range of options for third party control systems. Ten programmable presets provide an efficient means of configuring the video and audio distribution for common usage patterns.

The FLX-8X8A was designed with flexibility in mind. There are over 80 possible input card to output card combinations. Since the system is modular, the system integrator can customize their installation per their customer's needs and not the limitations of available hardware.



| Technical Specifications                 |  |
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| <b>I/O Connections</b>                   |  |
| Supported Input Cards                    | FLX-BI4, FLX-DI4, FLX-HI4, FLX-RI4   |
| Supported Output Cards                   | FLX-BO4, FLX-DO4, FLX-HO4  |
| Input and Output Card Securing Mechanism | Thumb Screw  |
| Analog Audio Input                       | Eight (8) 3.5 mm, 5 pole Euroblock Connectors  |
| Analog Audio Output                      | Eight (8) 3.5 mm, 5 pole Euroblock Connectors  |
| Control, Rear Panel                      | RS232 via DE-9, TCP/IP via RJ45  |
| Control, Front Panel                     | Push Button, IR  |
| <b>Analog Audio</b>                      |  |
| Performance per Channel                  | Balanced or Unbalanced Stereo Audio (20 Hz to 20 kHz)  |
| Pinout (Left to Right)                   | Left (+), Left (-), Ground, Right (+), Right (-)   |
| Input Impedance                          | >10K $\Omega$  |
| Output Impedance                         | 50 $\Omega$  |
| Frequency Response                       | 20 Hz to 20 kHz, $\pm 0.5$ dB  |
| Common Mode Rejection Ratio              | >90dB at 20 Hz to 20 kHz   |
| Crosstalk                                | >80 dB at 1 kHz  |
| THD + Noise                              | 1% at 1 kHz, 0.3% at 20 kHz  |
| <b>Chassis and Environmental</b>         |  |
| Internal Power Supply Rating             | 110-240 VAC, 50/60 Hz at 50 W  |
| Material                                 | Black Painted Aluminum   |
| Dimensions                               | 88 mm x 444.5 mm x 320 mm (3.47 in. x 17.5 in. x 12.6 in.) (2RU)   |
| Shipping Weight                          | 6.26 kg (13.8 lbs.)  |
| Operating Temperature                    | 0° to +40° C (+32° to +104° F)   |
| Operating Humidity                       | 20% to 90%, Non-condensing   |
| Storage Temperature                      | -10° to +60° C (+14° to +140° F)   |
| Storage Humidity                         | 20% to 90%, Non-condensing   |
| <b>Other</b>                             |  |
| Warranty                                 | 2 years  |
| What's in the Box                        | FLX-8X8A (1 ea), Modular Metal Blank (4 ea), Rubber Feet (4 ea), Power Cable (1 ea), RS232 Cable (1 ea), Infrared Remote Control (1 ea), FLX-8X8A Installation and Operation Guide (1 ea), Intelix Pocket Screwdriver (1 ea) |