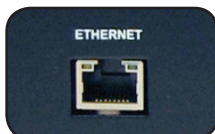ADX-1616 Audio Matrix

## FEATURES:

- Matrix switcher multiple audio source inputs to / multiple zones (8x8 or 16x16)
- Ethernet, RS-232 Serial and IR (Front & rear panel) control
- Integrates seamlessly with third party control systems from Control4, URC, RTI and more
- IR and RS-232 codes available for use with virtually any third party control system
- Front panel touch surface and knob with panel lockout
- Custom settings *per zone*: 10-band EQ, Tone (Bass/Treble) and Balance
- Add a sub to any zone – the digital low-pass filter allows any zone to be a sub output tied to a full-range zone
- Zone grouping (10 groups) and Source/Zone combination presets (10 source/zone combinations)
- Global source selection (switch all zones to same source)
- Simple PC-based setup via Ethernet, serial or USB drive
- 2U rack mount ears included

## A Powerful Tool For Your AV Arsenal

Affordable, integration-friendly, and an audio lover's dream! With ground-breaking DSP capabilities at a break-through price point, the ADX Series Audio Matrix Switchers truly belong in your next audio-video installation.

Featuring custom 10-band EQ control **per zone**, and low-pass filter for adding subwoofers to zones, the ADX Series brings your customer new levels of audio performance and control.  With remote two-way feedback and third party control of all DSP settings from any zone, you can now satisfy even the most discriminating audiophile.

Tune each room with ZQ
Custom 10-band EQ Per Zone

## Multiple Control Options

Virtually any control system or programmable remote can take full advantage of audio switching, EQ settings, zone grouping, lockout and more.  Basic functions of the ADX Series Audio Switchers can be controlled with IR via 3.5mm and terminal connectors or via the IR receiver on the front.

Ethernet control via PC or other IP control system.
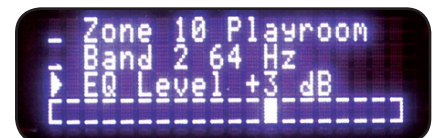
RS-232 for standard serial control.

Standard 3.5mm IR jack or terminal connection.

## Customizing ADX

**ADX Series Audio Switchers** are easy to install right out of the box with virtually no setup required for basic functionality.  Using our simple PC setup software or front panel controls, integrators can quickly perform advanced setup tasks such as naming each source input and zone output for display on the front panel. Add extra punch to any zone by adding a low-pass sub output. "Favorites" can be designated for specific scenes, such as game night, party, or movie night. "Groups" are useful for such tasks as switching all downstairs zones to a certain source, for example.  In addition, all settings can be backed up to a USB flash drive.

## ADX™ 2.1 CHANNEL APPLICATION:

The low-pass filter built into the ADX allows the installer to designate a zone output as a sub out, and group it with a full range zone. The new 2.1 group responds simultaneously to volume and switching commands.

Audio Sources x16

**ADX-1616**
16x16 Audio Matrix

Multi-Zone Amplifier

To additional 14 speaker locations

Kid's Room

Master Bedroom

**LEGEND**

| | |
|---|---|
| | Line Level Audio |
| | FlexPort Audio (Cat5) |
| | Speaker Level Audio |
| | Balanced Audio |
| | DB-25 Connector |
| | Component Video |
| | HLX Audio/Video (Cat5) |
| | Contact Closure |

Passive Subwoofer

Powered Subwoofer
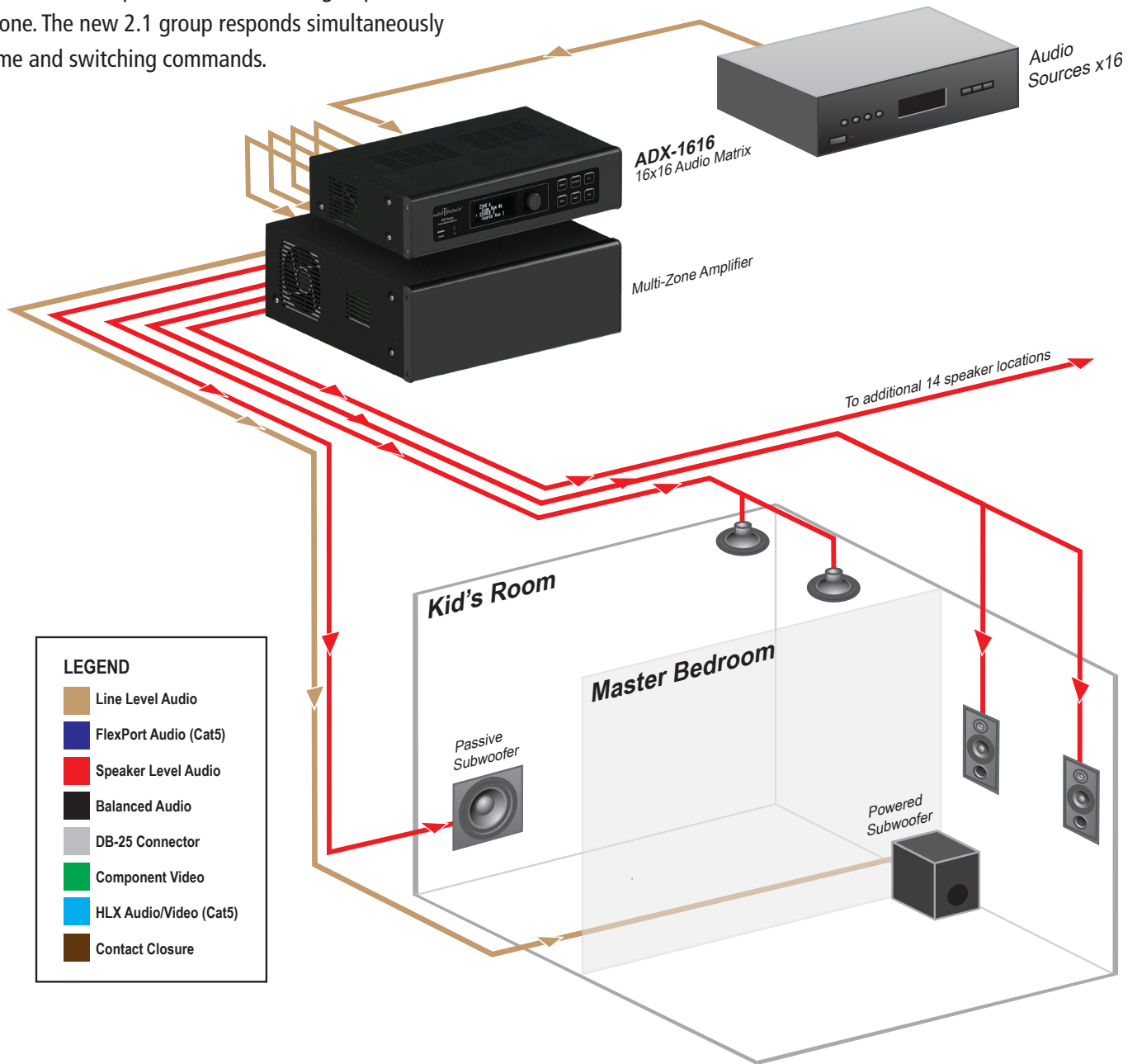
## ADX-0808 / ADX-1616 SPECIFICATIONS:

Audio Inputs . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Left and Right RCA stereo
Input Impedance. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 100K
Minimum Load Impedance . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10K
Frequency Response. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .10-25kHz
S/N Ratio . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 82dB
THD+Noise . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0.02%
Crosstalk. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 85dB
Agency Approvals . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .FCC

DC Input Connector . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5.5 x 2.1mm
DC Input Voltage/Polarity. . . . . . . . . . . . . . . . . . . . . . . . . . .18V/Center Positive
Max DC Input Current . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 600mA/1.1A
Power Supply . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .571-014/571-023
Heat Output. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 38/68 BTU/hr
Net Product Weight . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 9.9
Shipping Weight . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 11.4
Dimensions (H x W x D): . . . . . . . . . . . . . . . . . . . . . . . . . 3.5" x 16.5" x 8.25"
Warranty . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .One year, parts and labor