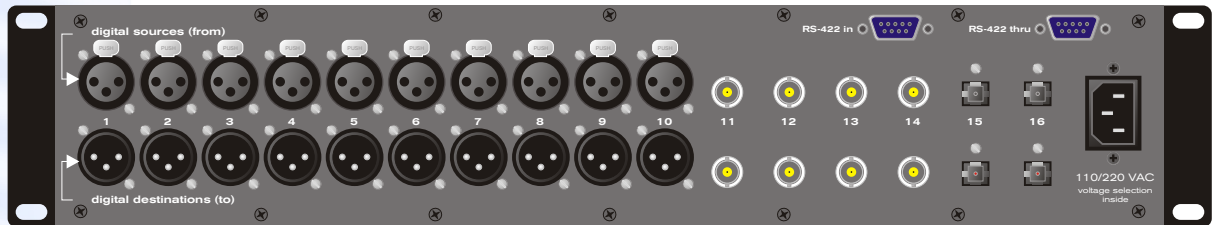


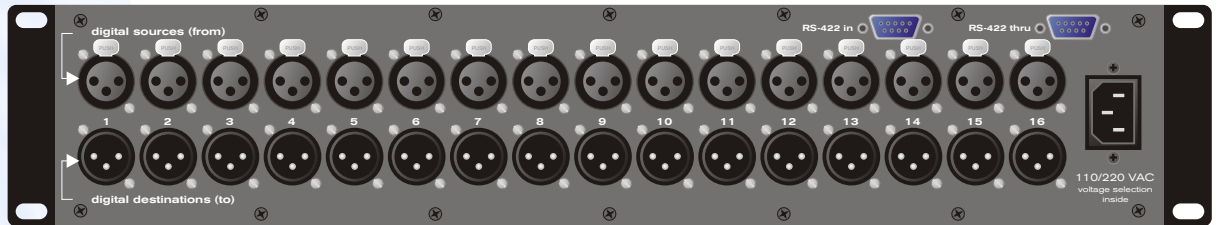


# z-16.16 Digital Detangler

An automated patch bay for your AES/EBU, S/PDIF & optical signals



z-16.16 outfitted with 10 AES/EBU, 4 coaxial S/PDIF, and 2 optical I/O ports



z-16.16 outfitted with 16 AES/EBU I/O ports

## FEATURES

- 16 inputs x 16 outputs
- Fully Asynchronous
- One-to-many distribution
- Many-to-one switching
- Electrical format conversion
- Front-panel or remote/software (optional) control of digital routing pattern
- Up to 99 presets

## APPLICATIONS

- Recording
- Mastering
- Broadcast
- Live and installed sound

## SPECIFICATIONS

- Supports AES/EBU, S/PDIF coaxial, S/PDIF optical, and ADAT optical formats
- Supports sample rates to 192 kHz
- Supports wordwidths to 24 bits
- Wired inputs/outputs are terminated and transformer-isolated
- Port-to-port latencies are matched
- Supports multiple sample rates simultaneously.
- 2 rack-unit form factor

Are you getting tired of crawling behind your rack of digital gear every time you want to re-configure your signal flow? Are you troubled by the snake-pit of digital cables under your console? Are you weary of the morass of incompatible digital I/O ports on your gear and all the kludgy daisy chains you have set up just to get signal from point A to point B? *Then you need a Digital Detangler.*

The z-16.16 Digital Detangler is a fully automated router, patchbay, and distribution amplifier for your digital audio signals. Just hook all your digital gear to the Digital Detangler – controlling “who speaks to whom” is as simple as the touch of a few buttons. You can send one source to multiple destinations, you can select between multiple sources to a single destination, or you can do anything in between. And once you’ve established a routing pattern, it can be saved and recalled later.

Simply put, the Digital Detangler is the smart way to interconnect your digital gear. It’s an essential ingredient in any digital facility; install one today and you’ll wonder how you ever lived without it. The z-16.16 is available with any combination of AES/EBU, coaxial S/PDIF, and optical\* I/O ports. Just call your Z-Systems dealer and they’ll order a model\*\* that’s perfect for you.

\*Optical I/O ports support both two-channel and ADAT format, although ADAT-formatted optical signals can’t be format-converted to or from AES/EBU or S/PDIF using the z-16.16. For this purpose, we make the z-8.8a Lightpipe Digital Detangler.

\*\*Simply specify the number of AES/EBU, coaxial S/PDIF, and optical inputs and outputs. We can even build units where the inputs and the outputs differ from one another in type and number.

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