

# AES DIGISWITCH 3X1

## 3-INPUT AES DIGITAL AUDIO SWITCHER

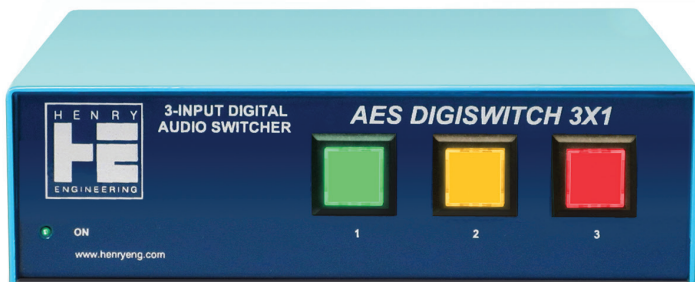
### Product Description

AES DigiSwitch 3X1 is a three-input switcher for AES digital audio signals. It accepts up to three AES audio sources, selecting one that is sent to the AES output. It is ideally suited for numerous broadcast and professional audio applications, e.g., as a studio switcher, AES source selector, or for automatic source selection under the control of a playout system or other control system.

AES DigiSwitch 3X1 utilizes sealed relays with gold-plated contacts for signal switching. There is no active circuitry in the signal path, hence the AES stream remains bit-accurate with no added delay or latency. The passive switching also permits the unit to be used "in reverse" as a router, sending an AES source to one of three destinations.

AES DigiSwitch can be controlled with the illuminated pushbuttons on the front panel, and/or remotely controlled with any GPI contact closure, open collector, or DC voltage. Power-up Programming permits the user to determine which of the inputs is automatically selected when AC power is applied. The Priority Return function can automatically select Input #1 if no other input is selected. Tally Outputs are provided to operate remote status LEDs. Inactive sources are automatically terminated.

All AES I/O is via XLR connectors; Remote control is via a 9-pin D connector. The AES DigiSwitch 3X1 is 1/3 rack width and can be mounted in an optional rack shelf, or wall-mounted using optional wall/cabinet mounting brackets. The unit is powered with an internal AC power supply, which can be user-set for either 115 or 230 VAC mains.



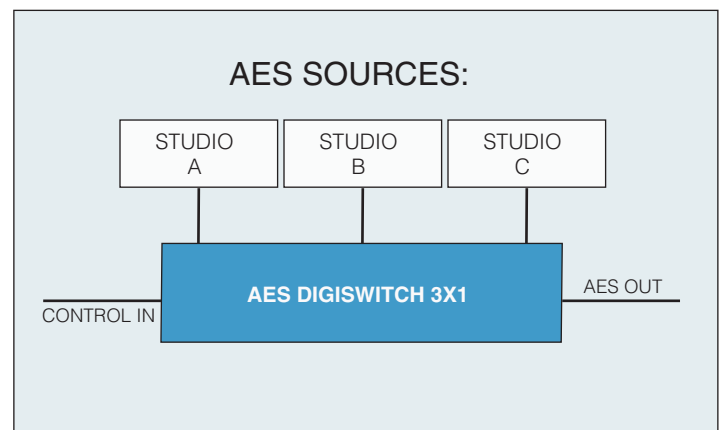
Front



Back

### Technical Specifications

|                         |   |
|-------------------------|---|
| <b>Inputs</b>           | 3 AES   |
| <b>Output</b>           | 1 AES   |
| <b>Control Inputs</b>   | 3, opto-isolated, 5-24 VDC<br>or contact closure/open collector |
| <b>Input Resistance</b> | 1.5K ohms each 3X   |
| <b>Input Duration</b>   | Pulse or Maintained   |
| <b>Power-Up</b>         | Selectable, Input #1, #2, or #3                                 |
| <b>Auto-Return</b>      | Input #1 selected if #2 or #3 not active                        |
| <b>Power Input</b>      | 115 or 230 VAC, 50-60 Hz, 3W                                    |
| <b>Physical</b>         | 5.7" w x 1.7" h x 6.0" d, 3 lbs                                 |
| <b>Construction</b>     | Steel enclosure   |
| <b>Approvals</b>        | City of Los Angeles Elect. Test Lab, CE, RoHS                   |



No Wall-Warts!



Rack Mountable

Specifications subject to change without notice.

Henry Engineering  
PO Box 3796  
Seal Beach, CA 90740  
Tel: 562-493-3589  
[www.henryeng.com](http://www.henryeng.com)

