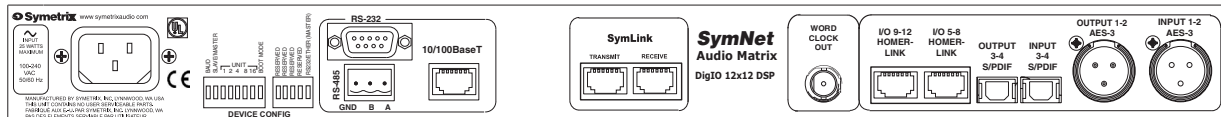


DigIO 12x12 DSP | Front Panel



DigIO 12x12 DSP | Rear Panel

| DigIO 12x12 DSP Overview |

The DigIO 12x12 DSP is a core SymNet signal processing and input/output device which provides a digital audio interface to the SymNet system.

The DigIO 12x12 DSP supports up to 12 channels of simultaneous digital input and output, all 24 bit, 48kHz sample rate. As with other SymNet core products, the DigIO 12x12 DSP is set up and controlled from the SymNet Designer application running on a Windows™ PC.

The DigIO 12x12 DSP can function as a SymNet master device or as a slave device in a SymNet ring with other SymNet processing and I/O devices. When set up as a SymNet master device (SymLink address #1) the DigIO 12x12 DSP can provide an Ethernet portal to a SymNet system, facilitating control of SymNet via IP.

| DigIO Hardware Features |

- A total of 12 channels of digital input and output.
- AES-3 in and out (x1).
- Optical S/PDIF (TOSLINK) in and out (x1).
- Symetrix HomerLink™ digital I/O (x2).
- Sample rate conversion on all inputs.
- 66MHz SHARC DSP's (x2).
- Ethernet, RS-232, and RS-485 control ports.
- Can be used to create a digital audio connection (<2ms latency) between two SymNet rings.
- 48kHz master word clock output allows external digital devices to slave to SymNet.
- Supported in SymNet Designer beginning with version 4.0.

| HomerLink™ Overview |

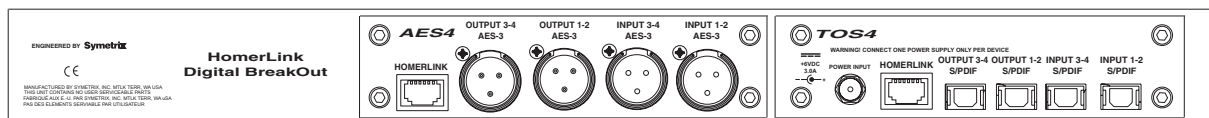
The DigIO 12x12 DSP is the first member of the SymNet family of products to use Symetrix's **HomerLink™** technology. A HomerLink port transmits and receives four channels of 48kHz, 24 bit digital audio, plus control data, over standard CAT5 cable at distances of up to 100 meters.

| HomerLink™ Digital Breakout Hardware Features |

- Converts HomerLink to industry standard AES-3 and/or optical S/PDIF (TOSLINK) digital audio formats.
- Up to eight channels of input and output in a 1U chassis.
- Modular packaging supports 5 possible configurations:
 - 8in/8out AES-3
 - 8in/8out optical S/PDIF
 - 4in/4out AES-3
 - 4in/4out optical S/PDIF
 - 4in/4out AES-3 + 4in/4out optical S/PDIF



HomerLink Digital Breakout | Front Panel



HomerLink Digital Breakout | Rear Panel