

# Prism Flexible DSPs, Scalable to Fit Your Needs

## Prism

### PRODUCT OVERVIEW

Symetrix's Prism open Architecture DSPs are the workhorse of any system and meet the needs of many common applications. Available in a variety of common channel configuration and with both Dante and non-Dante™ options, there is a Prism perfect for your application, without spending on unneeded features.

### COMMON SELLING POINTS

- DSP Price / Performance Breakthrough
- 4x4, 8x8, 12x12 and 16x16 Models
- Full Featured Open Architecture DSP Engine
- Optional 64x64 Dante
- Embedded web server provides remote metering, diagnostics and configurable ARC-WEB browser control
- Extensive control options via SymVue for Windows, T Series Touchscreens, Control Server, ARC remotes, W Series remotes, ARC-WEB, TCP/UDP
- 3rd Party Control via Intelligent Modules with Lua Scripting

### FLEXIBLE IO COMBINATIONS

The Prism family scales from the smallest 4x4 to the largest 16x16, providing the perfect amount of class-leading Symetrix quality IO for any installation.

### DANTE™ IN OUR DNA

Prism DSPs are equipped with optional factory installed 64x64 Dante channels. The Dante protocol enables ultra-reliable multi-channel audio networking over IP. Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories – including third party Dante-enabled microphones, loudspeakers, power amps, and mixing consoles. Models without Dante provide even more accessible DSP pricing for smaller systems.

### SCALING UP

A Prism system's analog input and output count may be increased using Symetrix Dante-enabled xIn 4, xIO 4x4, xOut 4, xIn 12, and xOut 12 analog I/O expanders.

### UNLIMITED PROGRAMMING FLEXIBILITY

Prism is programmed using Composer – Symetrix's award winning open-architecture CAD application. Unique to Composer is the ability to natively configure Symetrix and select third party Dante hardware – thereby eliminating the confusion of multiple or redundant software applications.

### CONTROL MADE EASY

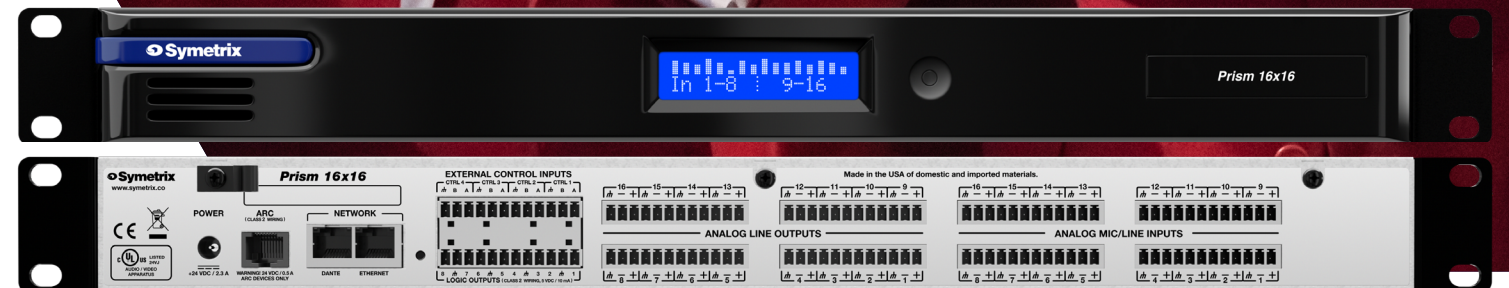
Multiple control options include low-cost Symetrix ARC wall panels and an easy-to-generate SymVue Windows virtual GUI. The human readable Composer Control Protocol supports programming of third-party touch screens and control devices.

### AN EMBEDDED WEB SERVER FOR STATUS AND EVEN MORE CONTROL

Prism's embedded web server displays I/O levels, diagnostics data, and hosts ARC-WEB – a browser-based interface for smart phones, tablets, and computers.

### FORM, FIT AND FUNCTION

Prism 8x8, 12x12 and 16x16 have been designed using standard 19" x 1U enclosures. For convenient point-of-use or rack mounting, Prism 4x4 features 1/2 rack 1U form factor. (Surface and rack mount kits sold separately.)



“I find Symetrix products easy-to-use, yet have the complexity to address all our needs at the same time.”

Brian Webber  
Install Tech and Programmer  
Sacramento Production Services



## Prism 4x4

### Product Highlights

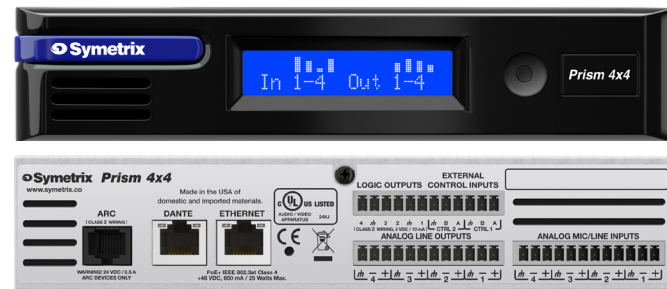
- Full Featured Open Architecture DSP Engine
- 4 mic/line inputs
- 4 line outputs
- High Performance Symetrix preamps
- 4x4 GPIO
- ARC Remote Port
- Optional 64x64 Dante
- Dedicated Dante and Ethernet ports
- Embedded web server provides remote metering, diagnostics and configurable ARC-WEB browser control
- Extensive control options via SymVue for Windows, T Series Touchscreens, Control Server, ARC remotes, W Series remotes, ARC-WEB, TCP/UDP
- Front panel LCD displays configuration, system status and audio levels

## DSP Price / Performance Breakthrough

- Compact 1/2 rack format. Rack and surface mount kits sold separately
- Powered via PoE+. PoE+ injector included

### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15, ICES-003, RoHS



Prism 4x4 Dante Part Number 80-0114 Prism 4x4 Part Number 80-0200

## Prism 8x8

### Product Highlights

- Full Featured Open Architecture DSP Engine
- 8 mic/line inputs
- 8 line outputs
- High Performance Symetrix preamps
- 8x8 GPIO
- ARC Remote Port
- Optional 64x64 Dante
- Dedicated Dante and Ethernet ports
- Embedded web server provides remote metering, diagnostics and configurable ARC-WEB browser control
- Extensive control options via SymVue for Windows, T Series Touchscreens, Control Server, ARC remotes, W Series remotes, ARC-WEB, TCP/UDP

- Front panel LCD displays configuration, system status and audio levels
- External Power Supply

### Compliance

- UL 60065, UL 62386-1, cUL 62386-1, cUL 60065, IEC 60065, IEC 62386-1, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15, ICES-003, RoHS



Prism 8x8 Dante Part Number 80-0115 Prism 8x8 Part Number 80-0201

## Prism 12x12

### Product Highlights

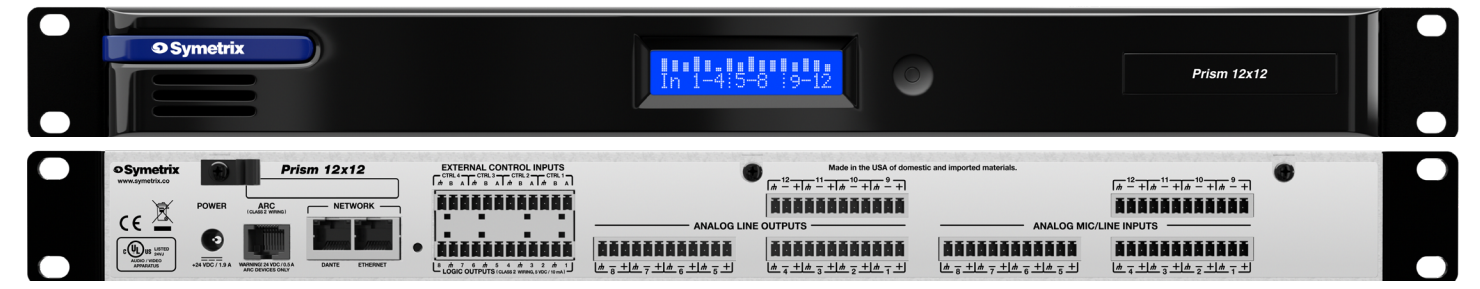
- Full Featured Open Architecture DSP Engine
- 12 mic/line inputs
- 12 line outputs
- High Performance Symetrix preamps
- 8x8 GPIO
- ARC Remote Port
- Optional 64x64 Dante
- Dedicated Dante and Ethernet ports
- Embedded web server provides remote metering, diagnostics and configurable ARC-WEB browser control
- Extensive control options via SymVue for Windows, T Series Touchscreens, Control Server, ARC remotes, W Series remotes, ARC-WEB, TCP/UDP

## DSP Price / Performance Breakthrough

- ARC-WEB, TCP/UDP
- Front panel LCD displays configuration, system status and audio levels
- External Power Supply

### Compliance

- UL 60065, UL 62386-1, cUL 62386-1, cUL 60065, IEC 60065, IEC 62386-1, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15, ICES-003, RoHS



Prism 12x12 Dante Part Number 80-0116 Prism 12x12 Part Number 80-0202

## Prism 16x16

### Product Highlights

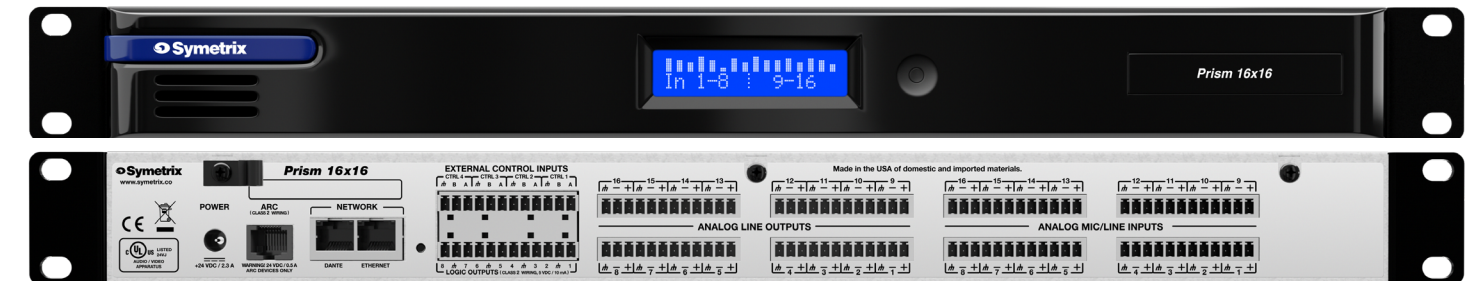
- Full Featured Open Architecture DSP Engine
- 16 mic/line inputs
- 16 line outputs
- High Performance Symetrix preamps
- 8x8 GPIO
- ARC Remote Port
- Optional 64x64 Dante
- Dedicated Dante and Ethernet ports
- Embedded web server provides remote metering, diagnostics and configurable ARC-WEB browser control
- Extensive control options via SymVue for Windows, T Series Touchscreens, Control Server, ARC remotes, W Series remotes, ARC-WEB, TCP/UDP

## DSP Price / Performance Breakthrough

- Front panel LCD displays configuration, system status and audio levels
- External Power Supply

### Compliance

- UL 60065, UL 62386-1, cUL 62386-1, cUL 60065, IEC 60065, IEC 62386-1, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15, ICES-003, RoHS



Prism 16x16 Dante Part Number 80-0117 Prism 16x16 Part Number 80-0203