

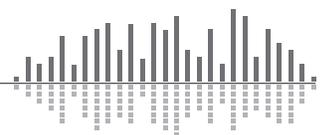


## Full Line Catalog

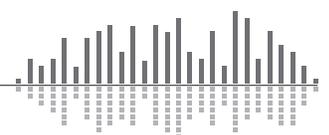


Powering the best systems  
Solving the toughest problems

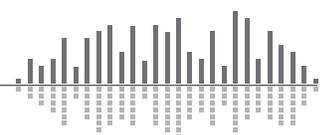
2019 v3.2



<b>DSP Hardware</b>	
<b>Radius</b>	
<b>Radius NX 4x4</b> • Powerful General Purpose DSP / 128 Channel (64x64) Redundant Dante / On-board Ethernet & Dante Network Switches / 4 Analog mic/line inputs & 4 Analog Outputs / Up to 8x8 Channels of USB Audio / 1 I/O Expansion Card Slot / Internal Universal Input Supply / Accepts Radius NX AEC Coprocessor Module.	4
<b>Radius NX 12x8</b> • Powerful General Purpose DSP / 128 Channel (64x64) Redundant Dante / On-board Ethernet & Dante Network Switches / 12 Analog mic/line inputs & 8 Analog Outputs / Up to 8x8 Channels of USB Audio / 1 I/O Expansion Card Slot / Internal Universal Input Supply / Accepts Radius NX AEC Coprocessor.	4
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<b>Radius and Edge Expansion Cards, and Radius NX Coprocessor Modules</b>	
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<b>T-5 Touchscreen</b> End User Control of Symetrix DSPs. 5" High Resolution Touchscreen Controller. Flexible and Extensible.	20
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## Radius NX 4x4

Powerful General Purpose DSP / 128 Channel (64x64) Redundant Dante™

### Product Highlights

- 4 analog inputs, 4 analog outputs.
- Optional AEC coprocessor module – up to 16 channels.
- USB audio port enables soft-codecs + record/playback.
- Dedicated routing resources for a 128x128 Super Matrix.
- 4-port Gigabit Switch serves Dante + control networks.
- Ultra-low noise preamps with 3 dB gain steps.
- Support for Radius and Edge Expansion Cards.

### Compliance

- Safety: UL 60065, cUL 60065, IEC 60065
- EMC: EN 55103-1, EN 55103-2, EN55032, EN 61000-3-2, EN 61000-3-3, ICES-003, FCC Part 15 (all Class A)
- Environmental: RoHS



120 VAC Part Number 80-0144

230 VAC Part Number 80-0158

## Radius NX 12x8

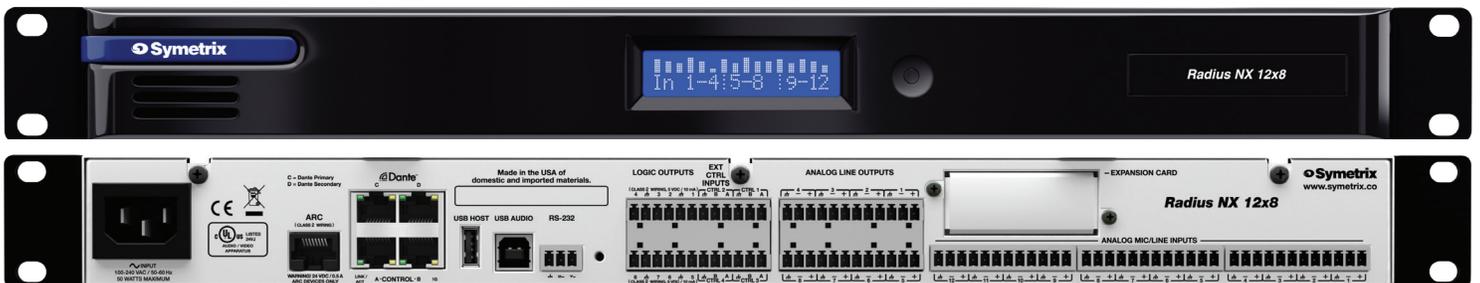
Powerful General Purpose DSP / 128 Channel (64x64) Redundant Dante™

### Product Highlights

- 12 analog inputs, 8 analog outputs.
- Optional AEC coprocessor module – up to 16 channels.
- USB audio port enables soft-codecs + record/playback.
- Dedicated routing resources for a 128x128 Super Matrix.
- 4-port Gigabit Switch serves Dante + control networks.
- Ultra-low noise preamps with 3 dB gain steps.
- Support for Radius and Edge Expansion Cards.

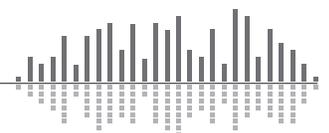
### Compliance

- Safety: UL 60065, cUL 60065, IEC 60065
- EMC: EN 55103-1, EN 55103-2, EN55032, EN 61000-3-2, EN 61000-3-3, ICES-003, FCC Part 15 (all Class A)
- Environmental: RoHS



120 VAC Part Number 80-0134

230 VAC Part Number 80-0157



## Edge Powerful Open-architecture DSP | 128 Channel (64x64) Redundant Dante™ | Configurable I/O

### Product Highlights

- 128 (64x64) redundant Dante.
- Extreme flexibility - programmed using Composer open-architecture software.
- Four configurable I/O card slots, up to 16 channels total of local I/O accepting any combination of Symetrix options cards.
- Built in network switches lower system cost, reduce or eliminate need for peripheral switches, and increase system reliability.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories at the lowest possible cost.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.
- Embedded web server provides remote metering and diagnostics.
- Optional redundant external power supply.
- Eight logic inputs (or four analog control inputs) and eight logic outputs.
- Ethernet for configuration and control, and RS-232 for third-party control systems.

### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



120 VAC Part Number | 80-0048

230 VAC Part Number | 80-0082

## Prism 0x0

## Powerful Open-architecture DSP | 128 Channel (64x64) Dante™

### Benefits and Features

- 128 (64x64) Dante and powerful Symetrix DSP combine extremely cost-effective processing with the flexibility of Dante networking.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories at the lowest possible cost.
- Programmed using Composer open-architecture software for nearly unlimited application flexibility.
- Ideal DSP hub for Dante end-points.
- Embedded web server provides remote metering and diagnostics.
- Compact ½ rack format. PoE+ injector included. Rack and surface mount kits sold separately.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.
- Ultra low latency Dante network audio protocol uses standard IT infrastructure.
- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Analog I/O may be added using Symetrix Dante-enabled analog I/O expanders.

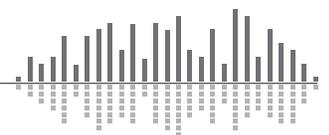
### Compliance

- 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.



120 VAC Part Number | 80-0130

230 VAC Part Number | 80-0131



## Prism 4x4

Powerful Open-architecture DSP | 128 Channel (64x64) | 4x4 Analog In/Out

### Product Highlights

- 128 (64x64) Dante and powerful Symetrix DSP, with 4x4 analog input/output, combine extremely cost-effective processing with the flexibility of Dante networking.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories at the lowest possible cost.
- Programmed using Composer open-architecture software for nearly unlimited application flexibility.
- Ideal DSP hub for Dante end-points.
- Embedded web server provides remote metering and diagnostics.
- Compact 1/2 rack format. PoE+ injector included. Rack and surface mount kits sold separately.

- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.
- Industry leading analog and A/D/D/A performance, 48 volt phantom mic power.
- Ultra low latency Dante network audio protocol uses standard IT infrastructure.
- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Analog I/O count may be increased using Symetrix Dante-enabled analog I/O expanders.

### 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.



120 VAC Part Number 80-0114

230 VAC Part Number 80-0118

## Prism 8x8

Powerful Open-architecture DSP | 128 Channel (64x64) | 8x8 Analog In/Out

### Product Highlights

- 128 (64x64) Dante and powerful Symetrix DSP, with 8x8 analog input/output, combine extremely cost-effective processing with the flexibility of Dante networking.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories.
- Programmed using Composer open-architecture software for nearly unlimited application flexibility.
- Ideal DSP hub for Dante end-points.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Industry leading analog and A/D/D/A performance, 48 volt phantom mic power.
- Ultra low latency Dante network audio protocol uses standard IT infrastructure.
- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Analog I/O count may be increased using Symetrix Dante-enabled analog I/O expanders.

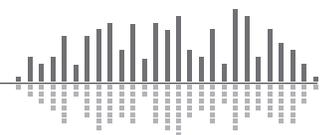
### Compliance

- 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.



120 VAC Part Number 80-0115

230 VAC Part Number 80-0120



## Prism 12x12 Powerful Open-architecture DSP | 128 Channel (64x64) Dante™ | 12x12 Analog In/Out

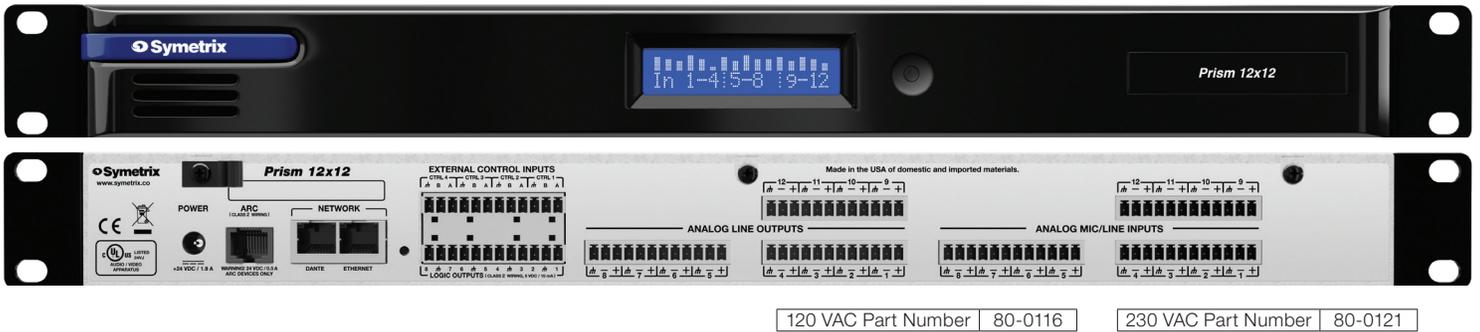
### Product Highlights

- 128 (64x64) Dante and powerful Symetrix DSP, along with 12x12 analog input/output, combine extremely cost-effective processing with the flexibility of Dante networking.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories.
- Programmed using Composer open-architecture software for nearly unlimited application flexibility.
- Ideal DSP hub for Dante end-points.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Industry leading analog and A/D/D/A performance, 48 volt phantom mic power.
- Ultra low latency Dante network audio protocol uses standard IT infrastructure.
- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- I/O count may be increased using Symetrix Dante-enabled analog I/O expanders.

### 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 16x16 Powerful Open-architecture DSP | 128 Channel (64x64) Dante™ | 16x16 Analog In/Out

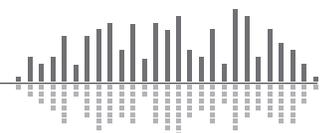
### Product Highlights

- 128 (64x64) Dante and powerful Symetrix DSP, along with 16x16 analog input/output, combine extremely cost-effective processing with the flexibility of Dante networking.
- Together, Symetrix and Dante provide the fastest possible way to implement, control, and maintain a system of networked DSPs and accessories.
- Programmed using Composer open-architecture software for nearly unlimited application flexibility.
- Ideal DSP hub for Dante end-points.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Industry leading analog and A/D/D/A performance, 48 volt phantom mic power.
- Ultra low latency Dante network audio protocol uses standard IT infrastructure.
- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- I/O count may be increased using Symetrix Dante-enabled analog I/O expanders.

### 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.



## Solus NX 4x4

Powerful Open-architecture in a Standalone DSP | 4x4 Analog In/Out

### Product Highlights

- Affordable 4x4 analog input/output DSP programmed using Composer open-architecture software for nearly unlimited application flexibility.
- DSP-intensive processing includes delay, loudspeaker management, auto-mixing, paging, routing and distribution, mic/line processing, AGC, room combining and much, much more.
- Processing, delay & memory identical to Radius / Edge / Prism.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Serves in applications not requiring Dante™.

### 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.



120 VAC Part Number 80-0128

230 VAC Part Number 80-0129

## Solus NX 8x8

Powerful Open-architecture in a Standalone DSP | 8x8 Analog In/Out

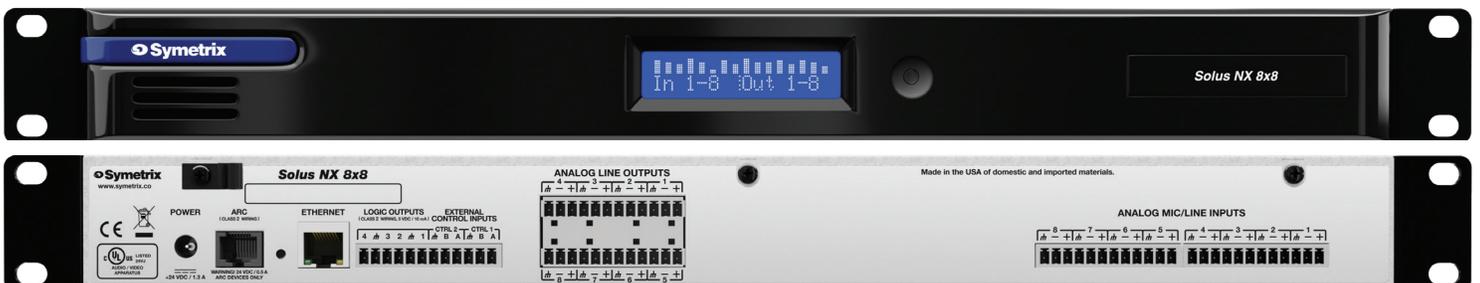
### Product Highlights

- Affordable 8x8 analog input/output DSP programmed using Composer open-architecture software for nearly unlimited application flexibility.
- DSP-intensive processing includes delay, loudspeaker management, auto-mixing, paging, routing and distribution, mic/line processing, AGC, room combining and much, much more.
- Processing, delay & memory identical to Radius / Edge / Prism.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Serves in applications not requiring Dante™.

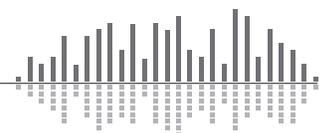
### Compliance

- 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.



120 VAC Part Number 80-0126

230 VAC Part Number 80-0127



## Solus NX 16x8

Powerful Open-architecture in a Standalone DSP | 16x8 Analog In/Out

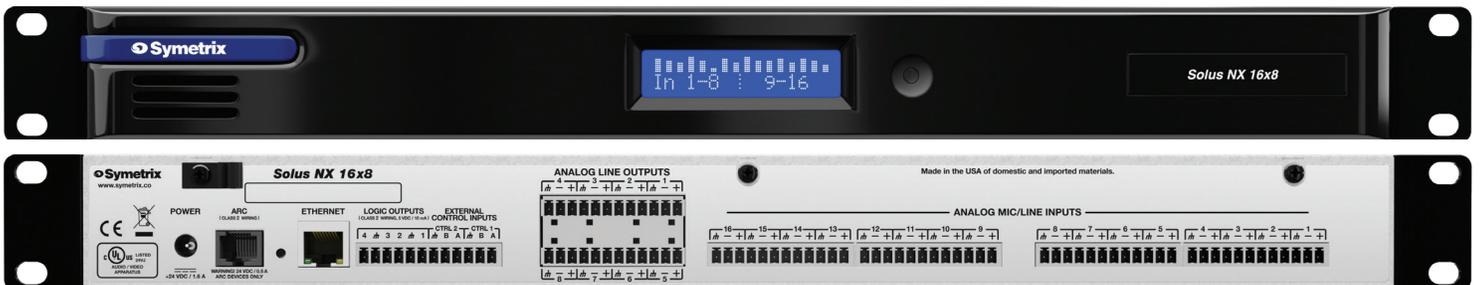
### Benefits and Features

- Affordable 16x8 analog input/output DSP programmed using Composer open-architecture software for nearly unlimited application flexibility.
- DSP-intensive processing includes delay, loudspeaker management, auto-mixing, paging, routing and distribution, mic/line processing, AGC, room combining and much, much more.
- Processing, delay & memory identical to Radius / Edge / Prism.
- Embedded web server provides remote metering and diagnostics.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

- Front panel LCD displays configuration, system status, and analog audio levels using a single push-button for navigation.
- Serves in applications not requiring Dante™.

### 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.



120 VAC Part Number | 80-0124

230 VAC Part Number | 80-0125

## Jupiter 4

Powerful Turn-key DSP | Drawing Board to Jobsite in No Time | 4x4 Analog In/Out

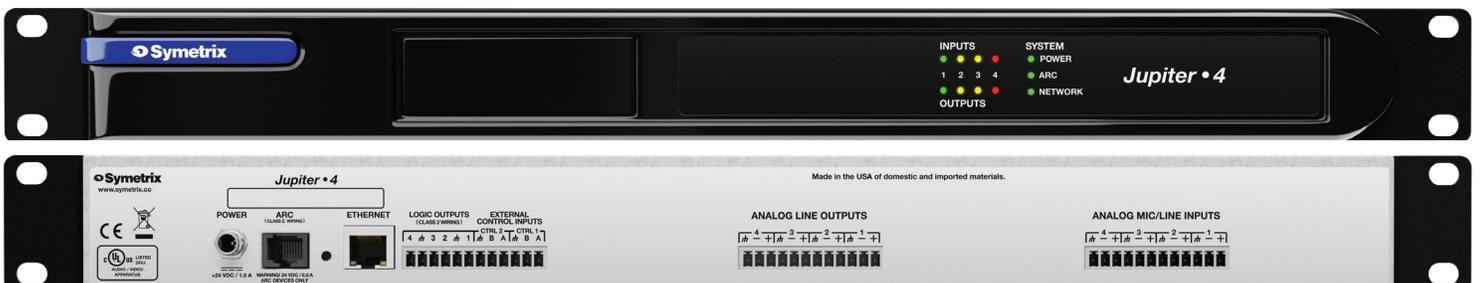
### Product Highlights

- 4x4 analog input/output DSP with turn-key programming minimizes the learning curve and slashes installation costs.
- An abundance of DSP resources - powerful apps covering dynamics, EQ, FIR filters, feedback fighters, loudspeaker management, automixing, and matrixing.
- App categories include Mixing and Routing, Public Address and Distribution, Sound Reinforcement, and Special Purpose DSP.
- More than 70 Jupiter series apps do specific audio jobs.
- Once an app is selected it's simple to download it to Jupiter hardware.

- Signal routings, whether simple or complex, are fully tested and ready to go right out of the box.
- Help is built in with connection and remote control wizards.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

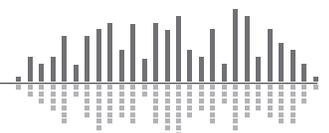
### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 53103-2, FCC Part 15, RoHS.



120 VAC Part Number | 80-0043

230 VAC Part Number | 80-0047



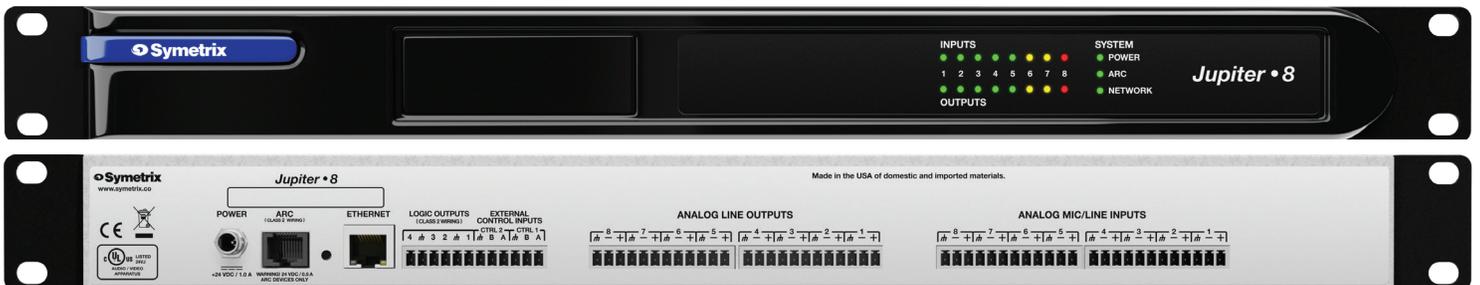
## Jupiter 8 Powerful Turn-key DSP | Drawing Board to Jobsite in No Time at All | 8x8 Analog In/Out

### Product Highlights

- 8x8 analog input/output DSP with turn-key programming minimizes the learning curve and slashes installation costs.
- An abundance of DSP resources - powerful apps covering dynamics, EQ, FIR filters, feedback fighters, loudspeaker management, automixing, and matrixing.
- App categories include Mixing and Routing, Public Address and Distribution, Sound Reinforcement, and Special Purpose DSP.
- More than 70 Jupiter series apps do specific audio jobs. Once an app is selected it's simple to download it to Jupiter hardware.
- Signal routings, whether simple or complex, are fully tested and ready to go right out of the box.
- Help is built in with connection and remote control wizards.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 53103-2, FCC Part 15, RoHS.



120 VAC Part Number 80-0037

230 VAC Part Number 80-0045

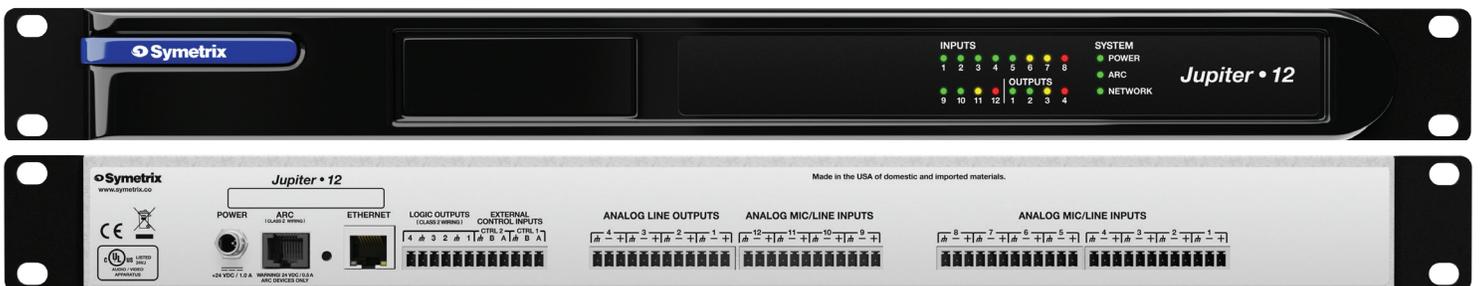
## Jupiter 12 Powerful Turn-key DSP | Drawing Board to Jobsite in No Time at All | 12x4 Analog In/Out

### Product Highlights

- 12x4 analog input/output DSP with turn-key programming minimizes the learning curve and slashes installation costs.
- An abundance of DSP resources - powerful apps covering dynamics, EQ, FIR filters, feedback fighters, loudspeaker management, automixing, and matrixing.
- App categories include Mixing and Routing, Public Address and Distribution, Sound Reinforcement, and Special Purpose DSP.
- More than 70 Jupiter series apps do specific audio jobs. Once an app is selected it's simple to download it to Jupiter hardware.
- Signal routings, whether simple or complex, are fully tested and ready to go right out of the box.
- Help is built in with connection and remote control wizards.
- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.

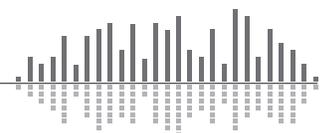
### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 53103-2, FCC Part 15, RoHS.



120 VAC Part Number 80-0042

230 VAC Part Number 80-0046



# Zone Mix 761

## Powerful Turn-key Multi-zone DSP for Paging and Music Management

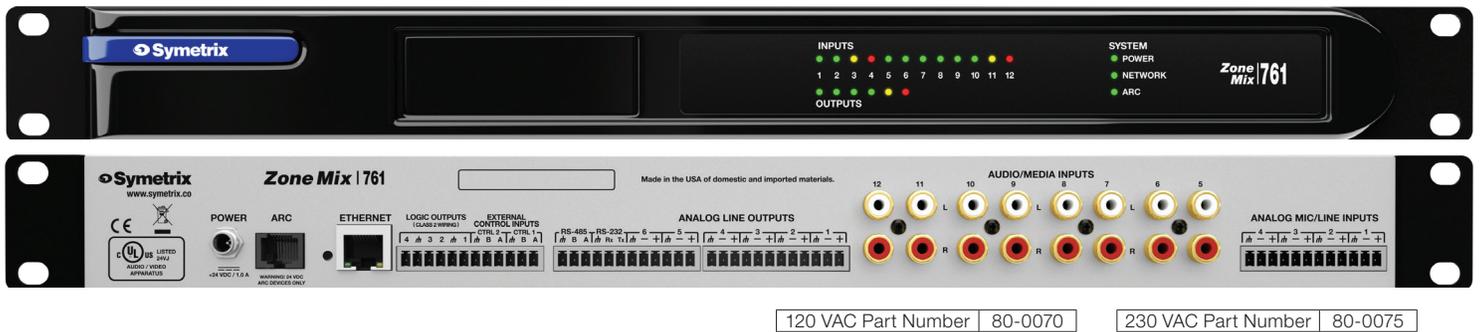
### Product Highlights

- A complete zone mixing, paging, and music management solution saves time and money.
- Turn-Key setup with plenty of inputs and outputs with the right connectors.
- Setup GUI provides a familiar hardware-like layout for a minimal learning curve.
- Software Connection Wizard enables fast and easy IP linking to hardware. The external control wizard guides effortless programming of multiple user control devices.
- 12 input and 6 output channels feature a full complement of processing including: dynamics, feedback elimination, ambient noise sensing, EQ, and loudspeaker management.

- Multiple user control options include the ARC-WEB browser, low cost ARC Wall Panels, third-party touch panels, and SymVue.
- 4 switchable mic or line inputs for paging from up to 3 locations plus emergency page, and 8 audio media inputs.
- 6 outputs route audio media inputs, plus paging, to as many as 6 unique locations.

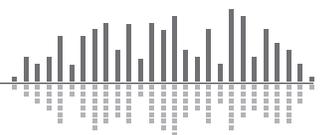
### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 53103-2, FCC Part 15, RoHS.



120 VAC Part Number 80-0070

230 VAC Part Number 80-0075

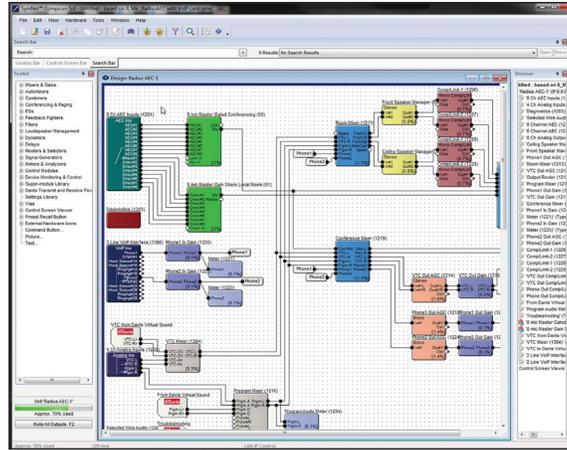


# Composer

Programs Radius NX, Radius, Edge, Prism, and Solus NX DSPs and Accessories

## Product Highlights

- Complete end-to-end open-architecture DSP programming using only a single application.
- Natively configures Dante™ connections and routings.
- Dante™ Domain Manager (DDM) ready.
- Direct support of Dante™ audio and video endpoints from Shure, Audio-Technica, Powersoft, Clockaudio, Visionary Solutions, and more.
- Hundreds of general purpose and application specific DSP modules including room combining and conferencing (AEC).
- Efficient in-depth tools for end-user GUI design and deployment.

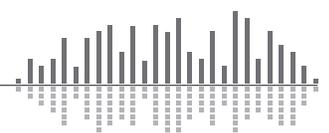
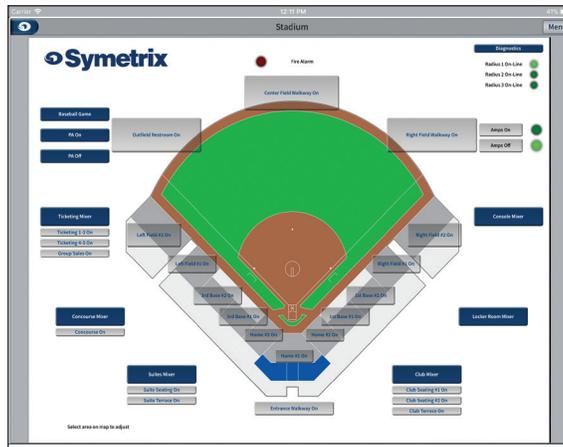


# SymVue

High-level Composer-based Authoring of End-User Graphic Interfaces

## Product Highlights

- Rapid Composer-based GUI authoring.
- Created and tested offline – no scripting required.
- 3 Target Platforms: Control Server, T-5 Touchscreen, Windows.
- Total control of colors, fonts, symbols, custom graphics.
- Always in sync with ARC and 3rd party control systems.
- Control Server version supports browser-enabled devices.



## ARC-WEB

Virtual User Interface for End User Control of Presets / Volume / Mute / Source

### Product Highlights

- Virtual control of Symetrix DSPs using phones, tablets, and computers.
- Any popular browser can be used to control presets, volume, mute, and source via Symetrix DSP embedded web servers.
- The four unique instances of ARC-WEB are flexible and secure.
- Each of the four users can be assigned a different ARC-WEB with unique privileges and security.
- Simple Installation- just connect a low cost wireless access point to DSPs - no additional hardware is required.
- Symetrix DSPs supporting ARC-WEB : Radius NX, Radius, Edge, Prism, Solus NX, Jupiter, and Zone Mix 761.

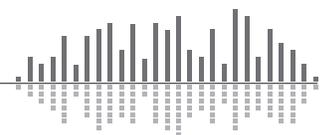
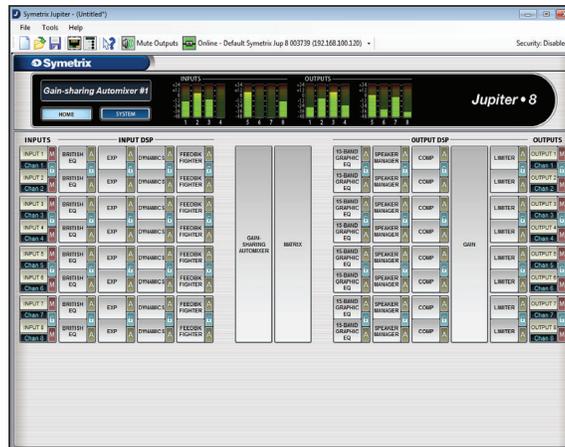


## Jupiter Software

Programs Jupiter Hardware | Downloadable Turn-Key Audio Processing | 70+ Apps

### Product Highlights

- Turn-key programming for rapid deployment with zero learning curve.
- For use in a variety of venues including schools, athletic complexes, houses of worship, bars and night clubs, and theaters.
- Plenty of processing power for EQ, feedback fighters, FIR filters, multi-dynamics, crossovers, and more.
- A free library of over 70 versatile turn-key apps included with every product.
- Each app's signal flow and DSP modules have been carefully chosen and tested to be the most appropriate for its intended use.
- Apps categories : Mixing and Routing, Public Address and Distribution, Sound Reinforcement, Special Purpose Signal Processing.
- Speaker management apps are built from an extensive palette of filters, EQ, crossovers, delay, and dynamics modules.
- Control options include low-cost ARC Wall Panels, ARC-WEB, and/or 3rd party touch-screens.

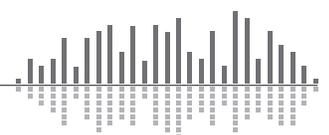


## Zone Mix 761 Software

Programs 761 Hardware | Turn-Key Background Music and Paging

### Product Highlights

- The graphic user interface presents a hardware-like layout for quick and easy programming and rapid deployment.
- A flexible routing matrix distributes multiple music sources and paging.
- The app supports multi-priority paging plus an emergency source.
- Up to eight audio media input sources can be distributed into six zones.
- A perfect match for night clubs, sports bars, restaurants, hotels, retail establishments, and fitness clubs, among others.
- Sophisticated DSP on all inputs and outputs.
- Comprehensive external control options include ARC Wall Panels, ARC-WEB, and/or third-party touch-screens via RS-232 or UDP/IP.



## xIn 4

## 4 Channel Dante™ Enabled Analog Audio Input Expander

### Product Highlights

- Designed for use with Symetrix Dante-enabled DSPs as a low cost way to increase system analog input (A to D) capacity.
- Composer software setup and control eliminates switches, circuit board jumpers, mechanical adjustments or the need for third-party software.
- 4 analog mic/line inputs with phantom power.
- 4 channel Dante transmit.
- Ultra low latency – no audible delays.

- Top of the line audio specifications.
- 1/2 rack form factor.
- PoE (injector included).
- Optional rack and surface mounting kits sold separately.

### 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.



120 VAC Part Number 80-0110

230 VAC Part Number 80-0111

## xOut 4

## 4 Channel Dante™ Enabled Analog Audio Output Expander

### Product Highlights

- Designed for use with Symetrix Dante-enabled DSPs as a low cost way to increase system analog output (D to A) capacity.
- Composer software setup and control eliminates switches, circuit board jumpers, mechanical adjustments or the need for third-party software.
- 4 analog outputs.
- 4 channel Dante receive.
- Ultra low latency – no audible delays.
- Top of the line audio specifications.

- 1/2 rack form factor.
- PoE (injector included).
- Optional rack and surface mounting kits sold separately.

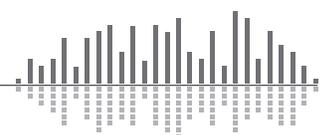
### Compliance

- 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.



120 VAC Part Number 80-0112

230 VAC Part Number 80-0113



## xIO 4x4

## 4 Channel Dante Enabled Analog Audio Input / Output Expander

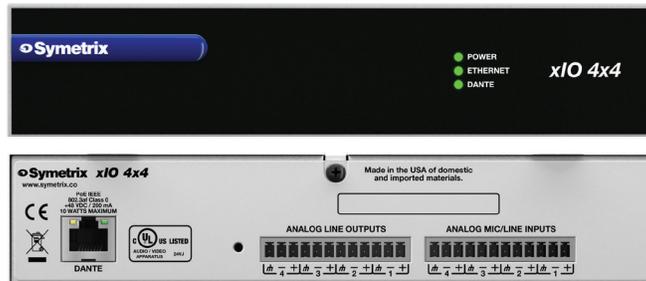
### Product Highlights

- Designed for use with Symetrix Dante-enabled DSPs as a low cost way to increase system analog input (A to D) and output (D to A) capacity.
- Composer software setup and control eliminates switches, circuit board jumpers, mechanical adjustments or the need for third-party software.
- 4 analog mic/line inputs with phantom power.
- 4 analog line outputs.
- 4 channel Dante transmit and receive.
- Ultra low latency – no audible delays.

- Top of the line audio specifications.
- 1/2 rack form factor.
- PoE (injector included).
- Optional rack and surface mounting kits sold separately.

### 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.



120 VAC Part Number 80-0106

230 VAC Part Number 80-0109

## xIO Stage 4x4

### Product Highlights

- Audio input (A/D), output (D/A) expander for Symetrix systems that capitalizes on the surplus DSP of a Dante-enabled Symetrix DSP unit to bring overall system costs down.
- 4 mic/line inputs, including +48 VDC phantom power, and 4 line outputs with the industry leading performance specifications of Radius NX, Edge and Prism DSPs.
- Configured with Symetrix Composer. No third-party software, archaic DIP switches, or complicated front panel menus.

## 4 Channel Dante Enabled Analog In/Out Expander

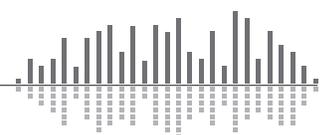
- Network audio expansion using Dante protocol over standard IT networks. Ultralow latency.
- Mounts in standard 8"x8"x4" electrical enclosure.

### Compliance

- UL 60065, cUL 60065, IEC 60065, FCC 15.109, FCC 15.109(g), FCC 15.107, EN 55032, EN 55103-2, EN 61000-3-3, EN 61000-3-2, ICES-003, RoHS.



Part Number 80-0168-A



## xIn 12

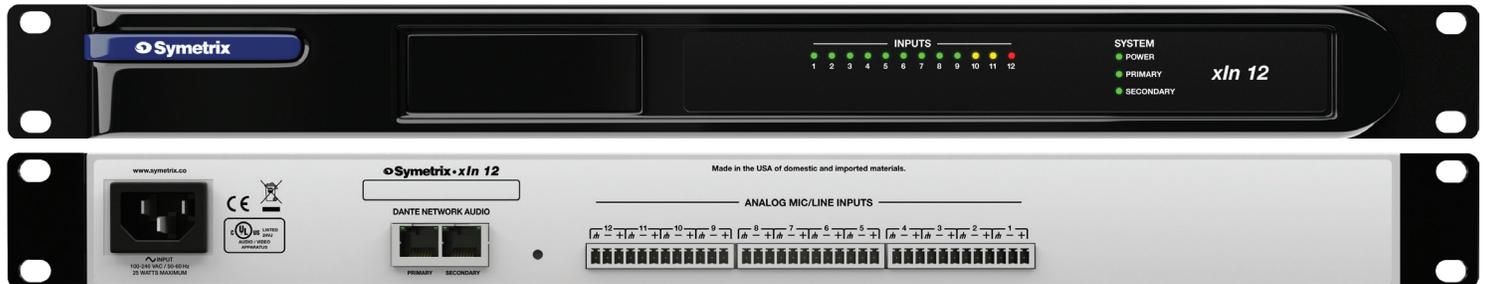
## 12 Channel Dante Enabled Analog Audio Input Expander

### Product Highlights

- Affordable analog audio input (A/D) expander capitalizes on the surplus DSP resources of Radius NX, Radius, Edge, and Prism DSPs to bring overall system costs down.
- 12 channel Dante transmit.
- Dante protocol over standard IT networks with ultra-low latency.
- 12 mic/line inputs, with +48 VDC phantom power and industry leading performance specifications.
- Composer software setup and control eliminates switches, circuit board jumpers, mechanical adjustments, or the need for third-party software.
- Dante (Secondary) gigabit Ethernet port supports redundant Dante network audio implementation or daisy-chaining of up to 10 units with external network switches.
- Internal universal input power supply.

### 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.



120 VAC Part Number 80-0086

230 VAC Part Number 80-0091

## xOut 12

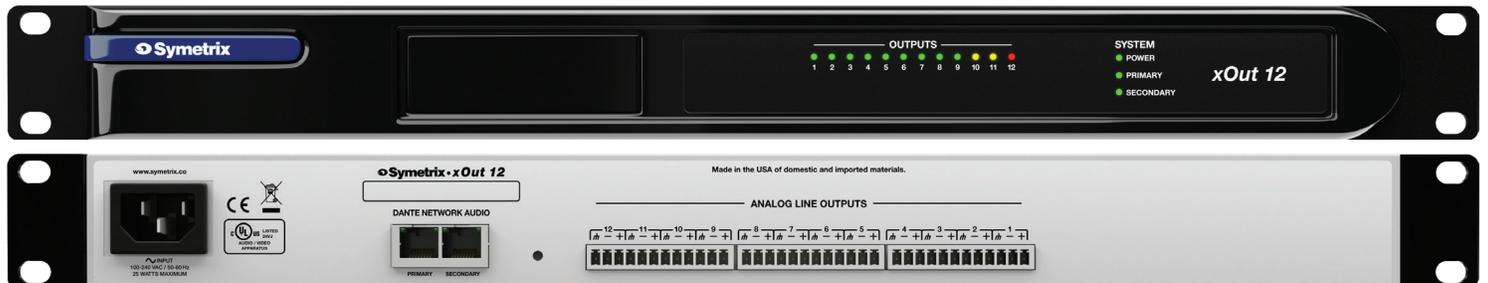
## Dante Enabled 12 Channel Analog Audio Output Expander

### Product Highlights

- Affordable analog audio output (D to A) expander capitalizes on the surplus DSP resources of Radius NX, Radius, Edge, and Prism DSPs to bring overall system costs down.
- 12 channel Dante receive.
- Dante protocol over standard IT networks with ultra-low latency.
- 12 line outputs, with industry leading performance specifications.
- Composer software setup and control eliminates switches, circuit board jumpers, mechanical adjustments, or the need for third-party software.
- Dante (Secondary) gigabit Ethernet port supports redundant Dante network audio implementation or daisy-chaining of up to 10 units with external network switches.
- Internal universal input power supply.

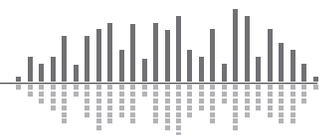
### Compliance

- 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.



120 VAC Part Number 80-0090

230 VAC Part Number 80-0092



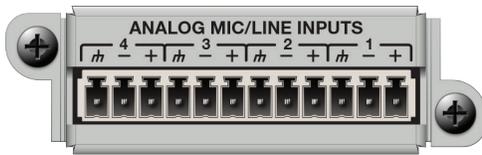
## 4 Channel Analog Input Card

### Product Highlights

- Expands analog input capacity of Radius NX, Radius and Edge DSPs.
- Mic and/or line level inputs.
- +48v phantom power @10mA.
- Signal matching. 5 analog gain settings with +/-24dB of digital trim.
- Extended dynamic range A/D converters. >115 dB.
- 3.81mm terminal blocks, 12 position plugs with strain relief pull tabs.
- Field swappable by qualified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0062

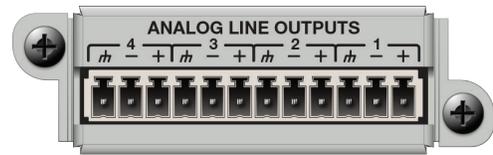
## 4 Channel Analog Output Card

### Product Highlights

- Expands analog output capacity of Radius NX, Radius and Edge DSPs.
- High output levels for long cable runs, up to +24 dBu.
- Digital trim, +12dB to full off.
- Extended dynamic range D/A converters, >117 dB.
- 3.81mm terminal blocks, 12 position plugs with strain relief pull tabs.
- Field swappable by qualified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0063

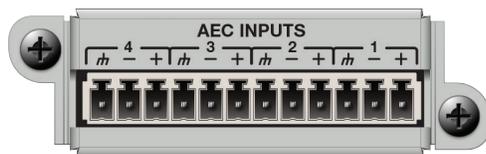
## 4 Channel AEC Input Card

### Product Highlights

- Adds AEC functionality to Radius NX, Radius and Edge DSPs.
- Wideband processing, industry low 11 mS latency, up to 300 mS tail length, and greater than 100 dB/S convergence time.
- Zero-latency direct outputs and discrete reference inputs per AEC channel.
- Processing via the card's mic/line inputs or from internally routed sources.
- Parameter control includes input gain with metering, trim, mute, AEC, noise cancellation, nonlinear processing, and AGC (Automatic Gain Control).
- Field swappable by certified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0064

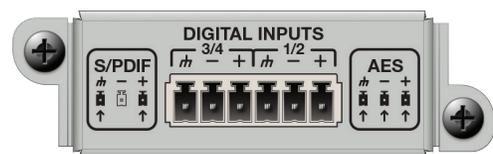
## 4 Channel Digital Input Card

### Product Highlights

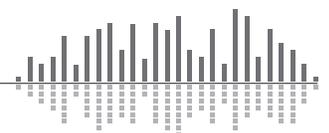
- Adds pro or consumer (AES3 or S/PDIF) digital inputs to Radius NX, Radius and Edge DSPs.
- 4 channels (2 stereo pairs).
- Sample rate conversion of 12 to 192 kHz input signal to 48k internal clock.
- +/-24dB trim.
- Parameter control includes metering, trim, mute and signal inversion.
- Field swappable by qualified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0067



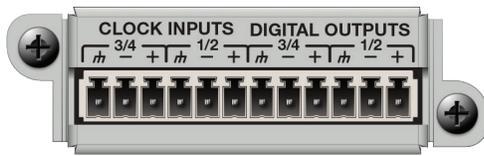
## 4 Channel Digital Output Card

### Product Highlights

- Adds pro or consumer (AES3 or S/PDIF) digital outputs to Radius NX, Radius and Edge DSPs.
- 4 channels (2 stereo pairs).
- Parameter control includes output trim with metering, +/- 12dB to full off.
- Output sample rate defaults to 48kHz or can be externally clocked from 12 to 192kHz.
- Field swappable by certified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0068

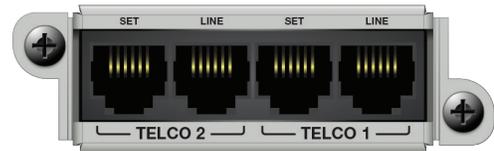
## 2 Line Analog Telephone Interface Card

### Product Highlights

- Adds 2-line PSTN (POTS) functionality to Radius NX, Radius and Edge DSPs.
- Multiple applications – teleconferencing, paging, remote monitoring, and broadcast.
- Functionality includes auto-answer, dial, redial, speed-dial, do not disturb, DTMF decode, caller ID, progress monitoring, line status and faults monitoring and more.
- A variety of control options including PSTN telephones, SymVue and third-party control devices support intuitive end-user operation.
- Standard RJ11 ports with parallel connections per line for a physical handset, dialer, or ADA compliant visual or audible device.
- Qualified for use in North America only.
- Field swappable by qualified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, FCC Part 68, FCC 47 CFR Part 68, ACTA TIA-968-B, TIA-1096, IC CS-03 Part I, DC-01(E), RoHS.



Part Number 80-0066

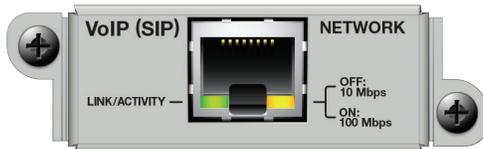
## 2 Line VoIP Interface Card

### Product Highlights

- Adds 2-line VoIP functionality to Radius NX, Radius and Edge DSPs.
- Natively integrates with Cisco, AVAYA, and Asterisk SIP-based call platforms.
- Supports both narrow and wide-band audio codecs.
- Capable of a broad range of telephony functions including dial, hold, resume, transfer, do not disturb, and conference.
- Secure setup access from both AV and VoIP LANs lends support to both IT/VoIP administrators and AV integrators.
- SymVue application builder and extensive third-party support enable rapid development of application specific user interfaces.
- 2 independent SIP registrations enable 2 simultaneous and independent calls per card.
- Field swappable by qualified technicians.

### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0065

## USB Audio Card

### Product Highlights

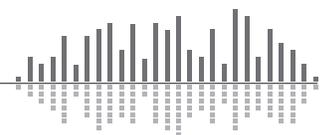
- Adds up to 16 channels of USB audio I/O to Radius NX, Radius DSPs, and up to 64 channels to an Edge DSP.
- Distinct modes of operation including two speakerphone modes for conferencing, along with a 2x2 and 8x8 line I/O mode for multitrack recording and playback.
- Speakerphone and 2x2 line modes are class 1 USB (driverless) for quick and problem free plug-and-play connectivity and provide the ability to utilize a soft codec's AEC or disable it in favor of Symetrix' award-winning AEC.
- 8x8 line I/O mode utilizes Class 2 USB. Windows drivers are included.
- A high-retention Type B USB connection provides a standard direct connection between DSP and computer.
- Field swappable by qualified technicians.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number 80-0132



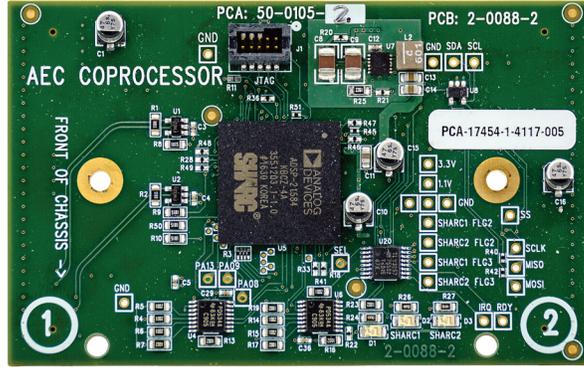
## Radius AEC Coprocessors

### Radius NX AEC-1 Coprocessor

Single Core AEC Coprocessor, up to 8 Channels (single reference), or up to 4 channels (independent references)

### Radius NX AEC-2 Coprocessor

Dual Core AEC Coprocessor, up to 16 Channels (two references), or up to 8 channels (independent references)



Radius NX AEC-1 Coprocessor	80-0152
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Radius NX AEC-2 Coprocessor	80-0153
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## T-5 Touchscreen

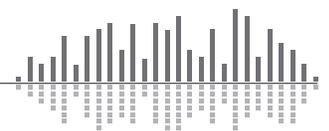
### Product Highlights

- 5-inch high-resolution touchscreen for Symetrix DSP systems
- SymVue control interface
- Up to 80 T-5 Touchscreens per system
- Batch-configuration of multiple T-5 Touchscreens
- PoE powered
- Fits U.S. and European 2-gang wall and junction boxes
- Optional trim ring included
- Symetrix 5-Year Warranty
- **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



120 VAC Part Number	80-0154
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230 VAC Part Number	80-0154
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## T-5 Table Mount Stand

### Product Highlights

- Table mount for Symetrix's T-5 touchscreen controller
- Powder-coated steel
- Fixed or movable installation
- 58 degree viewing angle
- Non-slip padded base



Part Number 80-0166

## PD-1 Telco Dialer

### Product Highlights

- Physical 12-button dial pad with four soft key function buttons
- Familiar, intuitive phone features
- 100 unique speed dial numbers per PD-1
- Up to 80 PD-1 dialers per system
- 320 x 240 backlit LCD display
- Batch programming of multiple PD-1 Telco Dialers

- PoE powered
- Symetrix 5-Year Warranty

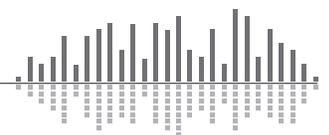
### Compliance

- 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



120 VAC Part Number 80-0163

230 VAC Part Number 80-0163



## ARC-3 Adaptive Remote Control

### Product Highlights

- A contemporary capacitive touch interface with LED highlighting provides users with instant operational feedback.
- A white on black OLED display, with 256x64 pixel resolution, is graphics and multi-lingual capable to enhance readability and usability.
- 32 menus, each with up to 32 items, used to control basic audio functions, or complex logic-based events, including volume, preset selection, source selection, room combining, and more.
- PIN code support prevents tampering.
- Universal mounting, in-wall or surface mount, US or EU/UK.
- Compatible with Symetrix open-architecture DSPs: Radius NX, Radius, Edge, Prism, and Solus NX series.
- ARCs are programmed from the same software applications used to configure Symetrix DSP hardware.

- ARCs connect to DSPs via CAT5/6.
- Multiple ARCs are daisy-chained using the dual RJ45 connectors on each ARC.
- ARC control parameters are stored in DSP hardware and can be easily recalled and modified.
- Flexible and modular, ARCs can be mixed and matched to provide any and every acoustic space with optimal multi-user, multi-location control.
- Security feature assures that only qualified users can make adjustments.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Gray Part Number	80-0136
White Part Number	80-0103
Black Part Number	80-0135

## ARC-2e Adaptive Remote Control

### Product Highlights

- Affordable management of basic audio functions or complex logic-based events.
- 24 menus each with up to 16 items.
- 3 navigation buttons, 8 character back-lit display, and 31 scrolling characters.
- Programmable brightness.
- Mounts in a single gang North American electrical box, in-wall or surface mount.
- ARCs are programmed from the same software applications used to configure Symetrix DSP hardware.
- ARCs connect to DSPs via CAT5/6.

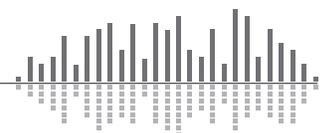
- Multiple ARCs are daisy-chained using the dual RJ45 connectors on each ARC.
- ARC control parameters are stored in DSP hardware and can be easily recalled and modified.
- Flexible and modular, ARCs can be mixed and matched to provide any and every acoustic space with optimal multi-user, multi-location control.
- A lock feature provides security to protect from adjustments.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



White Part Number	80-0056
Gray Part Number	80-0156
Black Part Number	80-0155



## ARC-K1e Modular Remote Control

### Product Highlights

- A push-button rotary encoder providing simple control of one or two parameters (typically volume), 8-segment LED ladder plus two additional LEDs for indication of currently selected parameter.
- Programmable idle mode option for dimming in light-sensitive environments.
- Single gang Decora® faceplate, mounts in a North American electrical box, in-wall or surface mount.
- ARCs are programmed from the same software applications used to configure Symetrix DSP hardware.
- ARCs connect to DSPs via CAT5/6.

- Multiple ARCs are daisy-chained using the dual RJ45 connectors on each ARC.
- ARC control parameters are stored in DSP hardware and can be easily recalled and modified.
- Flexible and modular, ARCs can be mixed and matched to provide any and every acoustic space with optimal multi-user, multi-location control.
- Security features assure that only qualified users can make adjustments.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Gray Part Number	80-0140
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White Part Number	80-0078
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Black Part Number	80-0137
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## ARC-SW4e Modular Remote Control

### Product Highlights

- Provides simple control of mute, source selection and presets, or more complex logic-based events.
- Four switches are programmable as momentary, latched, or radio buttons with corresponding LEDs providing user feedback.
- Programmable idle mode for dimming in light-sensitive environments.
- Single gang Decora® faceplate, mounts in a North American electrical box, in-wall or surface mount.
- ARCs are programmed from the same software applications used to configure Symetrix DSP hardware.
- ARCs connect to DSPs via CAT5/6.

- Multiple ARCs are daisy-chained using the dual RJ45 connectors on each ARC.
- ARC parameters are stored in DSP hardware and can be easily recalled and modified.
- Flexible and modular, ARCs can be mixed and matched to provide any and every acoustic space with optimal multi-user, multi-location control.
- Security features assure that only qualified users can make adjustments.

### Compliance

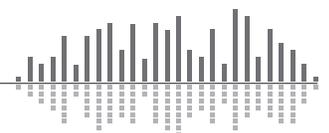
- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Gray Part Number	80-0141
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White Part Number	80-0079
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Black Part Number	80-0138
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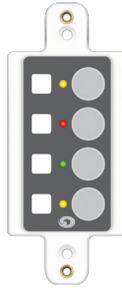
## ARC-EX4e Modular Remote Control Expander

### Product Highlights

- Identical in function to ARC-SW4e, ARC-EX4e provides a low cost means to expand the capabilities of either an ARC-SW4e or ARC-K1e.
- A maximum of 4 ARC-EX4e's may be added to an ARC-K1e.
- A maximum of 3 ARC-EX4e's may be added to an ARC-SW4e.
- Accommodates single gang Decora® faceplates (not included), mounts in a North American electrical box, in-wall or surface mount.
- The ARC-EX4e cannot be used standalone nor can it be combined with an ARC-2e or ARC-3.

### Compliance

- EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



Part Number	80-0080
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## RC-3 Remote Volume Control

### Product Highlights

- A basic analog remote control for a simple and cost-effective single point of control applications.
- Interfaces with Symetrix DSP external control inputs to provide volume control and source or preset selection with minimal programming.
- The RC-3 is compatible with remote volume ports accepting standard linear potentiometers.

- Single gang Decora® faceplate, mounts in a North American electrical box, in-wall or surface mount.

### Compliance

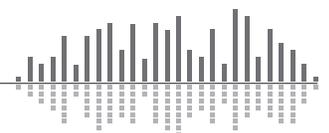
- UL 60065, cUL 60065, IEC 60065, RoHS.



Gray Part Number	80-0147
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White Part Number	80-0145
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Black Part Number	80-0146
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## ARC-PSe ARC Wall Panels Power Supply

### Product Highlights

- Distributes power and data over long distances to multiple ARC Wall Panels via eight RJ-45 connectors.
- Versatile half-rack design for mounting in optional 1U rack tray or surface mount with optional bracket.
- Compatibility with off-the-shelf CAT5/6 cable and RJ-45 connectors reduces installation time and materials costs.
- ARC Power Calculator spreadsheet helps determine maximum ARC quantities and RS-485 distances between wall panels.

- Intended for systems with more than 4 ARCs or for use in cases when ARCs are located a long distance from DSP hardware.
- Connects directly to Symetrix DSPs using standard CAT5/6 cables.
- Intended for use in flexible 'star' configurations, 'daisy-chains', or a hybrid of the two.

### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



120 VAC Part Number 80-0093

230 VAC Part Number 80-0097

## xControl External Control Expander

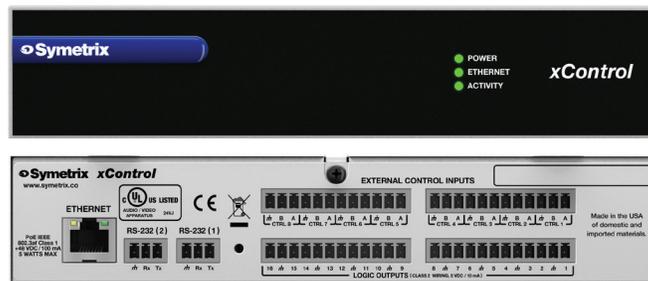
### Product Highlights

- Each of the 8 flexible analog control inputs may be configured for 1 potentiometer or 2 switches.
- The 16 logic outputs may be used to drive LEDs, external relays, or control contact closure ports.
- Either of the 2 RS-232 ports may be configured to receive commands from, or issue commands to, third-party control systems.
- Applications include adding push-to-talk capability and LED activity indication in conferencing and paging applications and RS-232 projector, camera, and lighting control.
- Multiple xControls may be combined.

- Straight forward set-up and management using Composer open-architecture software.
- Versatile half-rack design for mounting in optional 1U rack tray or surface mount with optional bracket.
- PoE (injector included).

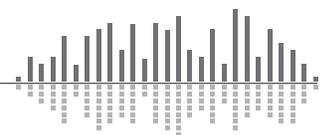
### Compliance

- UL 60065, cUL 60065, IEC 60065, EN 55103-1, EN 55103-2, FCC Part 15, RoHS.



120 VAC Part Number 80-0089

230 VAC Part Number 80-0096



## Control Server: Network-Based A/V Control Platform

### Product Highlights

- A flexible and extensible approach to the control of Symetrix Composer-enabled DSPs and select third-party A/V components.
- Centralized server-based technology enables comprehensive design, deployment, and maintenance of large and sophisticated systems employing numerous control endpoints supporting multiple simultaneous users.
- A wired Gigabit Ethernet port enables control via dedicated A/V or general purpose facility networks, as well as direct communication with networked DSP hardware.
- Operating in wireless mode, Control Server functions as an access point providing mobile device connectivity.
- Designed into a system using Composer - Symetrix' award winning open-architecture CAD software.
- Browser based administration used to manage app licenses, users, and user access.
- Control Server's included multi-touch "Mixer" app provides up to 32 faders and mutes with customizable labels, colors, ranges, and display units. It can trigger up to 16 presets.
- 5 licenses of each of the Mixer and SymVue App are included

### Compliance

- UL/CSA/EN 60065, FCC 15.107:2017, FCC 15.109:2017, ICES-003:2017, FCC 15.107:2017, FCC 15.109:2017, ICES-003:2017, RoHS



Part Number 80-0119

## Control Server Apps

### SymVue for Control Server

Award winning SymVue running on Control Server hardware makes possible robust deployment and maintenance of large scale systems by supporting numerous and diverse browser-based endpoints under the control of multiple simultaneous users.

Rapid Composer-based GUI authoring. Created and tested offline – no scripting required. 3 Target Platforms: Control Server, T-5 Touchscreen, Windows. Total control of colors, fonts, symbols, custom graphics. Always in sync with ARC and 3rd party control systems. Control Server version supports browser-enabled devices.

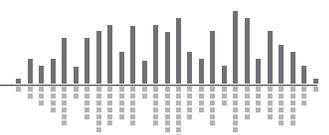
### Mixer for Control Server

Mixer supports up to 32 virtual channel strips, each with an assignable fader and a mute button, and dynamic screen-sizing and orientation. Mixer can be used on virtually any mobile device. Users can group and hide channels, assign custom labels and colors, and adjust fader resolution and travel. Multi-touch functionality makes possible simultaneous adjustment of multiple faders, just like a physical mixer. A Mixer instance can be saved to a smart device's home page for instant access, appearing as a native app. Multiple users can operate the same instance, and user access control can be provided via username and password security for each user.



Control Server SymVue App 20-0026

Control Server Mixer App 20-0026



## 1/2 U Filler Panel

### Product Highlights

- Used with 19" 1U Rack Tray to fill an unused 1/2 rack space.

### Compatible Products

- Prism 0x0, Prism 4x4
- xIn 4, xOut 4, xIO 4x4
- xControl, ARC-PSe

### Compliance

- RoHS



Part Number | 80-0123

## 1/2 U Surface Mount Bracket

### Product Highlights

- Bracket for mounting a single half rack unit under table, onto wall, or onto other flat surfaces.

### Compatible Products

- Prism 0x0, Prism 4x4
- xIn 4, xOut 4, xIO 4x4
- xControl, ARC-PSe

### Compliance

- RoHS



Part Number | 80-0108

## 1 U Rack Tray

### Product Highlights

- 19 inch rack tray for mounting up to two half rack units in a 1 U rack space.

### Compatible Products

- Prism 0x0, Prism 4x4
- xIn 4, xOut 4, xIO 4x4
- xControl, ARC-PSe
- 1/2 U Filler Panel

### Compliance

- RoHS



Part Number | 80-0107

## 3.5 mm TRS Mini to Euroblock Cable

### Product Highlights

- Three foot cable has two male RCA connectors on one end, two 3.81 mm Euroblock connectors on the other.
- Allows easy interconnect between industry standard RCA jacks and 3.81 mm Euroblock type connectors.



Part Number | 40-0023

## RCA to Euroblock Cable

### Product Highlights

- Three foot cable has a 3.5 mm TRS mini male connector on one end, two 3.81 mm Euroblock connectors on the other.
- Allows easy interconnect between industry standard 3.5 mm TRS mini jacks and 3.81 mm Euroblock type connectors.



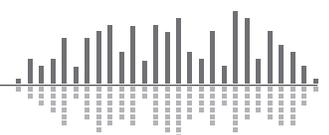
Part Number | 40-0025

### Compatible Products

- Compatible with all Symetrix DSPs and audio accessories fitted with 3.81 mm Euroblock I/O connections.

### Compliance

- RoHS



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