

Avia



Avia™ Audio Solutions

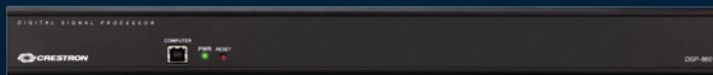
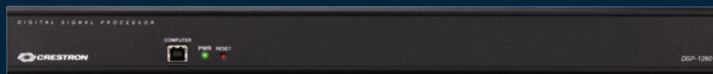
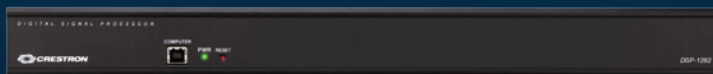
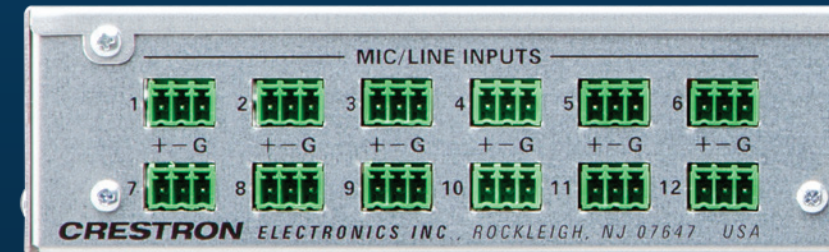
High-performance DSPs and amplifiers for best-in-class commercial audio systems

Avia Digital Signal Processors

Easy to configure, control, and expand, our groundbreaking new Avia DSPs and software tools dramatically simplify deployment of high-performance commercial audio systems.

The top of the line **Avia DSP-1283** is engineered for use in state-of-the-art meeting spaces and collaboration environments, providing:

- High-performance AEC that meets the most stringent professional standards on all 12 channels
- Audio conferencing via VoIP and/or connectivity for video conferencing via a Crestron RL[®]2 with native Skype[®] for Business solution, or BYOD presentation using a Crestron AirMedia[®] wireless gateway
- I/O expansion with amplifiers and DigitalMedia™ blade-based switchers via the Dante™ audio network

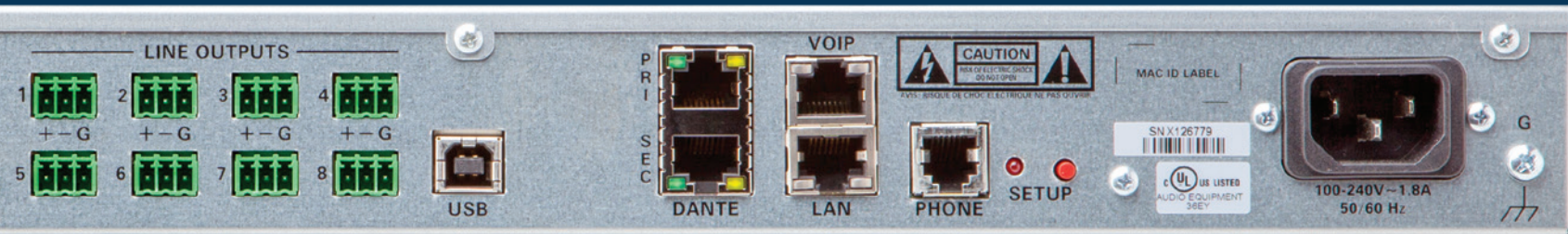
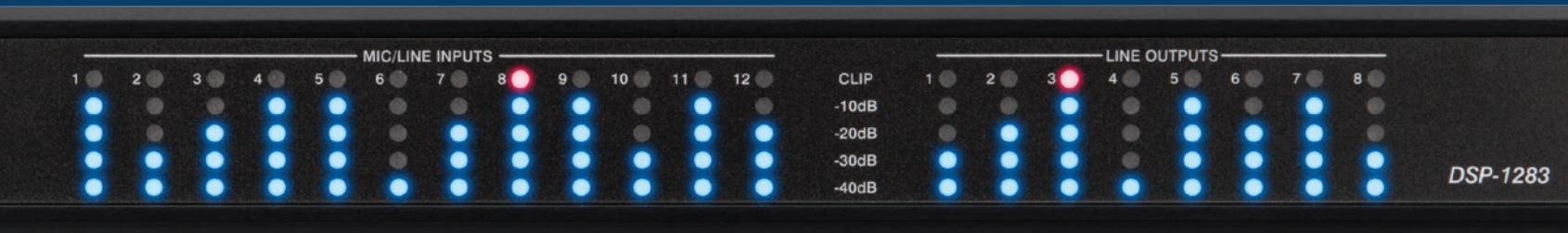


12x8 with AEC
DSP-1282

12x8 with Dante
DSP-1281

12x8 analog I/O
DSP-1280

8x6 analog I/O
DSP-860



12x8 with AEC & Dante
DSP-1283

	Analog Mic/ Line Inputs	Analog Outputs	Internal A auxiliary Buses	Acoustic Echo Cancellation	SIP & POTS Phone Interface	8x8 USB Audio I/O	Dante™ I/O	Front Panel Meters
DSP-1283	12	8	8	✓	✓	✓	✓	✓
DSP-1282	12	8	8	✓	✓	✓		
DSP-1281	12	8	8				✓	✓
DSP-1280	12	8	8					
DSP-860	8	6	8					

Avia Multichannel Amplifiers

Our new professional-grade amplifiers are engineered to work natively with Crestron Avia DSPs to provide powerful, precise, and flexible audio systems for a wide range of commercial applications. These new high-efficiency multichannel amps support applications requiring simultaneous low and high impedance, as well as remote control and monitoring over the network.

AMP-8075 and AMP-8150 offer 8-channels of clean, professional power in a single rack space, with a choice of 75 or 150 Watts per channel. Each channel is individually configurable for either low-Z (4/8 Ohm) or high-Z (70V or 100V). High-speed Ethernet LAN connectivity enables configuration, monitoring, and control via the Avia Audio Tool software, a Crestron control system, or Crestron Fusion® Cloud.

The new amps feature comprehensive front panel status indication and output meters, and rear panels include balanced inputs and level adjustments. Advanced Class D technology maximizes efficiency to reduce power consumption and heat dissipation. An internal universal power supply with power factor correction ensures consistent performance with varying line voltages.



8 x 75 watts per channel
AMP-8075



8 x 150 watts per channel
AMP-8150

	Channels	Power	4/8 Ohm	70V	LAN Port
AMP-8075	8	75 WPC*	✓	✓	✓
AMP-8150	8	150 WPC*	✓	✓	✓

*Watts per channel

Avia Audio Tool

The Avia Audio Tool provides a powerful and intuitive workspace that streamlines audio system programming. The unique channel-strip architecture simplifies configuration with a library of preconfigured strips, including Crestron speakers. Built-in tools include a real-time analyzer (RTA), virtual mixer, EQ editor, and state-of-the-art AEC.

The Avia Audio Tool makes it easy to give users touch screen controls with almost no programming. Nearly any control within the DSP software can be exported to a touch screen, including VU meters for monitoring signals in real time.





Configure: Easily program with DSP channel strips



Control: Easily generate & connect UI elements



Tune: Built-in spectrum analyzer & speaker profiles

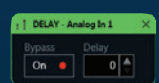
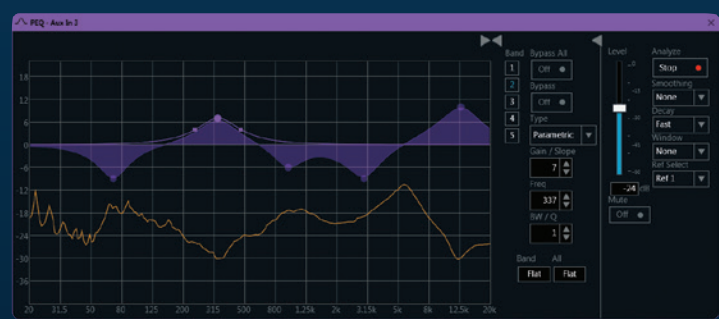
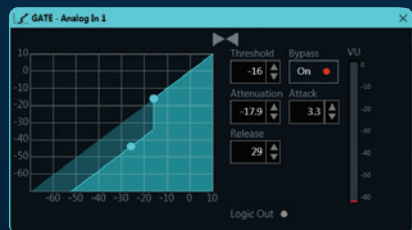
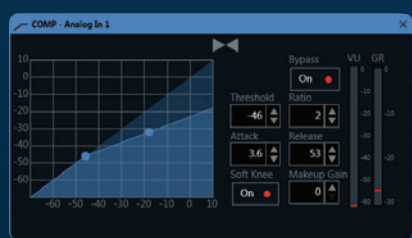


Expand: Dante, VOIP, POTS, USB



Integrate: Native Crestron enterprise connectivity

PRO Professional: World-class audio performance



Best-in-Class Modular Amplifiers

Our new modular amplifiers are uniquely designed for incredibly easy installation. No more rack shelves, terminating power connectors, or external power supplies. Crestron modular amplifiers are also ENERGY STAR® certified. These high-efficiency amps intelligently power down when not in use, and feature “fast on” power up so not a single syllable of speech or program audio is clipped.

Easy to install:

- ALL of the hardware you need comes in the box – no need to research, order, and keep track of separate rack ears, shelves, spacer kits or anything extra
- Innovative slide-lock design provides professional 1U mount without a shelf
- Built-in IEC power connector – say goodbye to wall warts and terminating power cables
- RCA (unbalanced) and Phoenix (balanced) audio connectors
- Terminal block connectors are pinned and leveled for seamless connectivity with Crestron DM®

Best-in-class performance:

- High-current 70/100V amplifiers deliver consistent professional audio performance; no step-up transformers needed and no downstream power sags

ENERGY STAR certified:

- If there's no signal after 20 minutes, the new modular amps go to sleep to conserve energy
- “Fast On” ensure amps fully powered within ½ second so no audio is clipped





	Channels	Power	4/8 Ohm	70V	100V	Rack width	Surface mount	Availability
AMP-1200-70	1	200 W		✓		1/2	✓	Now shipping
AMP-1200-100	1	200 W			✓	1/2	✓	Now shipping
AMP-2100	2	100 WPC*	✓			1/2	✓	Now shipping
AMP-2100-70	2	100 WPC*		✓		1/2	✓	Now shipping
AMP-2100-100	2	100 WPC*			✓	1/2	✓	Now shipping
AMP-150-70	1	50 W		✓		1/4	✓	Coming soon
AMP-150-100	1	50 W			✓	1/4	✓	Coming soon
AMP-225	2	25 WPC*	✓			1/4	✓	Coming soon

*Watts per channel

Crestron Saros® Speakers

Crestron offers a full selection of high-performance Saros speakers for commercial and institutional spaces. There is no extra hardware to order, everything you need for fast and easy installation comes right in the box.

In-ceiling Speakers

Saros Integrator 2-way In-ceiling Speakers

ICI4T, ICI6T

Available in 4-inch and 6.5-inch models, our Integrator-series speakers are easy to install, provide reliable performance, and are available at a great price. They are ideal for restaurants, retail spaces, convention facilities, airports, and office buildings.

Saros Express 2-Way In-ceiling Speakers

ICE4T, ICE6T, ICE8T

Our mid-level Express-series speakers provide high quality sound performance and easy installation for a broad range of commercial applications.

Also available in low profile versions for installation in tight spaces – ICE6LPT, ICE8LPT

Saros 2-Way In-ceiling Speakers

IC4T, IC6T, IC8T

Our top of the line in-ceiling speakers deliver excellent speech intelligibility and full, rich music reproduction for use in boardrooms, classrooms, houses of worship, and other spaces. Available in 4-inch, 6.5-inch and 8-inch models.

Also available in low profile versions for installation in tight spaces – IC6LPT, IC8LPT

Saros 8-Inch In-Ceiling Subwoofer

ICS8T

Complementing our Saros 2-Way In-ceiling speakers, this powerful and easy to install subwoofer provides extended low-frequency response for music and sound reinforcement.





Pendant Speakers

Saros 2-Way Pendant Speakers

PD4T, PD6T, PD8T

Our best-in-class pendant speakers deliver excellent speech intelligibility and full, rich music reproduction in open-ceiling spaces. They are ideal for restaurants, night clubs, retail spaces, houses of worship, and convention facilities. Available in 4-inch, 6.5-inch and 8-inch models.

Saros 8" Pendant Subwoofer

PDS8T

Complementing our Saros 2-Way Pendant Speakers, this powerful and easy to install subwoofer provides extended low-frequency response for music and sound reinforcement.

Indoor/Outdoor

Saros 2-Way Surface-mount

Indoor/Outdoor Speaker

SR4T, SR6T, SR8T

Saros surface-mount speakers are smartly designed for quick and easy installation and years of reliable performance in any space. Weatherized construction allows for use in outdoor entertainment venues, decks, patios, locker rooms, and swimming pools. Available in 4-inch, 6.5-inch and 8-inch models.



Sound Bars

Saros Stereo Sound Bar

SB-200-P

Providing enhanced full-range audio performance for flat panel displays, the SB-200-P is ideally suited for use with the Crestron RL[®] 2 Group Collaboration System and other unified communication and videoconferencing systems.



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