



ALL-AROUND VERSATILITY. EFFICIENT PERFORMANCE. MUSIC TO YOUR EARS.

Send the highest-quality audio to a higher variety of spaces with our all new **1RU X-Series analog amplifiers** — the Crestron 1RU AMP-X500, AMP-X750, and AMP-X1000.

All three amps provide input flexibility with a 4-way input selector and input gain control on each channel. Deliver audiophile-level 103dB SNR performance. And achieve ultra-reliability with low distortion, low noise, and high-power headroom with up to 250W of power per output channel — plus access to all that power on each channel in both LoZ and HiZ modes.

All work. No waste.

1RU X-Series amps are as mighty as they are mindful. Advanced Class D technology and onboard Power Factor Correction maximize efficiency to reduce power consumption and heat dissipation, while internal universal power supplies ensure consistent performance at varying line voltages.

All 1RU X-Series models feature:

- Compact 1RU form factor with cool-running operation
- Configurable Low-Z ($4/8\Omega$) or Hi-Z (70V/100V) output per channel adds flexibility to perform in a wide range of applications
- Balanced terminal block and unbalanced RCA line inputs on each channel
- Bus input and output for conveniently sending the same signal to multiple amps
- Internal universal 100-240V power supply allows for use in nearly any region
- Bridgeable outputs provide up to 500W per output pair
- Standby mode for reducing power consumption when no signal is present
- Rack-ready out of the box, no additional hardware or assembly required

Stackable design

Housed in a compact form factor, 1RU X-Series amps feature an economic design that maintains cool running operation and long-term reliability. They are also high-density stackable with other Crestron amps, allowing multiple units to be installed vertically in an equipment rack without needing extra ventilation space.

Fully protected and EnergyStar® certified

This new family of extremely efficient amplifiers features protection against overheating, shorted or overloaded speaker lines, excessive input signals, and other faults. In addition to being EnergyStar® certified, 1RU X-Series amplifiers draw no added inrush current during power-up, reducing AC circuit requirements and allowing multiple amps to be connected to a single switched circuit.

	AMP-X500	AMP-X750	AMP-X1000
Speaker Outputs	(2) 2-pin 5.08 mm pitch, 12A plug with screw locking retainers. Accepts up to 12 AWG (3.31)	(3) 2-pin 5.08 mm pitch, 12A plug with screw locking retainers. Accepts up to 12 AWG (3.31)	(4) 2-pin 5.08 mm pitch, 12A plug with screw locking retainers. Accepts up to 12 AWG (3.31)
Max Output (Single Ended 4Ω/8Ω)	2 channels at 250W each	3 channels at 250W each	4 channels at 250W each
Max Output (Bridged)	1 ch. at 500W	1 ch. at 500W + 1 ch. At 250W	2 ch. at 500W each
Max Output 70V/100V Operation	2 channels at 250W each	3 channels at 250W each	4 channels at 250W each
Maximum Current Draw	1.2A		
Power Factor Correction	Yes		
Balanced Line Inputs	(2) 3-pin 3.5 mm detachable terminal block	(3) RCA, (3) 3-pin 3.5 mm detachable terminal block	(4) RCA, (4) 3-pin 3.5 mm detachable terminal block
Unbalanced Line Inputs	(2) RCA, female	(3) RCA, female,	(4) RCA, female,
Line Level Inputs Sensitivity	1.23 Vrms, +4dBu balanced; 0.316 Vrms, -10 dBV unbalanced		
Bus Input	(2) paired RCA, female		
Input Gain Control	Yes		
Bus Output	(2) paired RCA, female		
Line Level Outputs	Yes		
GPIO	Remote standby only		
Remote	(1) 2-pin 3.5 mm detachable terminal block		
Remote Standby	Yes		
Frequency Response	20Hz - 20kHz, +/- 1dB		
High-Pass Filter	80Hz, -12dB/octave while in Hi-Z operation		
Signal to Noise Ratio	>103 dBA, 20 Hz to 20 kHz, balanced		
THD	<0.1% (1kHz full rated power)		
Always On Mode Switch	Yes		
ALS Output	No		
DSP	No		
Protection Indicator	Over/under current, over temp, DC offset, extreme HF		
EnergyStar® certified	Yes		
Power Consumption	115W (2 ch. Driven at 1/8 output power, 4 Ohms)	170W (3 ch. Driven at 1/8 output power, 4 Ohms)	227W (4 ch. Driven at 1/8 output power, 4 Ohms)
Power Connector	IEC 60320 C14		
Cooling	Convection (fanless)		

An amp for any location and occasion

More power. More places. More proficiently. Across the line, 1RU X-Series amplifiers are built for more. They easily integrate with the Crestron ecosystem to ensure your client's speakers and systems always sound on point — anywhere they want to reach.

Upgrade an existing system or create a new, exceptional audio experience. Get complete specifications for the [AMP-X500](#), [AMP-X750](#), and [AMP-X1000](#)

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