

NetPA ULTRA FX

POWER AMPLIFIERS



Ultra Connected • Ultra Flexible • Ultra Efficient Multi-Zone Amplifiers with Dante and DSP

- ▶ Four and eight channel models
- ▶ Selectable output mode per channel for 8 ohms, 4 ohms, 70V, or 100 V
- ▶ Software configurable power allocation per channel pair
- ▶ Auto-standby reduces power consumption
- ▶ InstaWake exits auto standby in under 50 milliseconds
- ▶ Onboard DSP with flexible mix matrix
- ▶ Freely stackable to save space while staying cool
- ▶ Remote standby

Extron

NetPA ULTRA FX

POWER AMPLIFIERS

Extron NetPA Ultra FX Series are eight and four channel configurable output audio power amplifiers with Dante connectivity and essential audio DSP. You get all the advantages of our award winning XPA Ultra FX amplifiers combined with the power of Dante network audio distribution. Dante connectivity makes it easy to distribute audio from a centralized location to decentralized remote amplifiers throughout a facility, building, or campus using standard network hardware. Integrated audio DSP allows any NetPA Ultra FX amplifier to operate as a complete endpoint with dynamics processing and filters.

These amplifiers are software configurable to support large systems with multiple speaker types by simultaneously driving 8 ohm, 4 ohm, 70 volt, and 100 volt loads. For maximum flexibility, the total power of two adjacent channels is shared, delivering up to 800 watts per single channel, according to model and system requirements.

NetPA Ultra FX amplifiers feature Extron InstaWake™ technology, offering the ability to return to full power from standby in under 50 milliseconds to ensure no part of the audio is ever cut off.

With an appealing new design, network audio support, and audio signal processing, a NetPA Ultra FX amplifier is your go to solution for networked, multi zone applications requiring mixed speaker types and power levels.



Model	Channels / Power @ 8 ohms	Channels / Power @ 70/100V
NetPA U 2008 FX	8 x 200 watts	8 x 200 watts
NetPA U 2004 FX	4 x 200 watts	4 x 200 watts
NetPA U 4004 FX	4 x 400 watts	4 x 400 watts



Products bearing an Ecoefficient mark are engineered to exceed traditional efficiency benchmarks, align with LEED, WELL, and corporate sustainability goals, and contribute positively to environmental responsibility. As part of Extron's holistic sustainability mission, Ecoefficient reflects our dedication to designing smarter AV systems that help reduce the industry's carbon footprint, support greener buildings, and drive meaningful energy savings, from specification to deployment and beyond.



The NetPA Ultra FX line of Dante amplifiers with DSP supports Ecoefficient Level 2, featuring an automatic standby mode that conserves the most energy possible while maintaining the function of key features, including DSP and external control

NETPA ULTRA FX ADVANTAGES

Dante Connectivity

The NetPA Ultra FX models deliver Dante networked audio to local sound reinforcement systems. They enable decentralized and reliable distribution of Dante audio to multiple speaker zones throughout a facility or building, and are the ideal choice for audio amplification in Dante systems. Also supporting AES67 for Audio over IP Interoperability and Dante Domain Manager enterprise level network management, the NetPA Ultra FX power amplifiers can connect to a variety of other devices and network infrastructure.

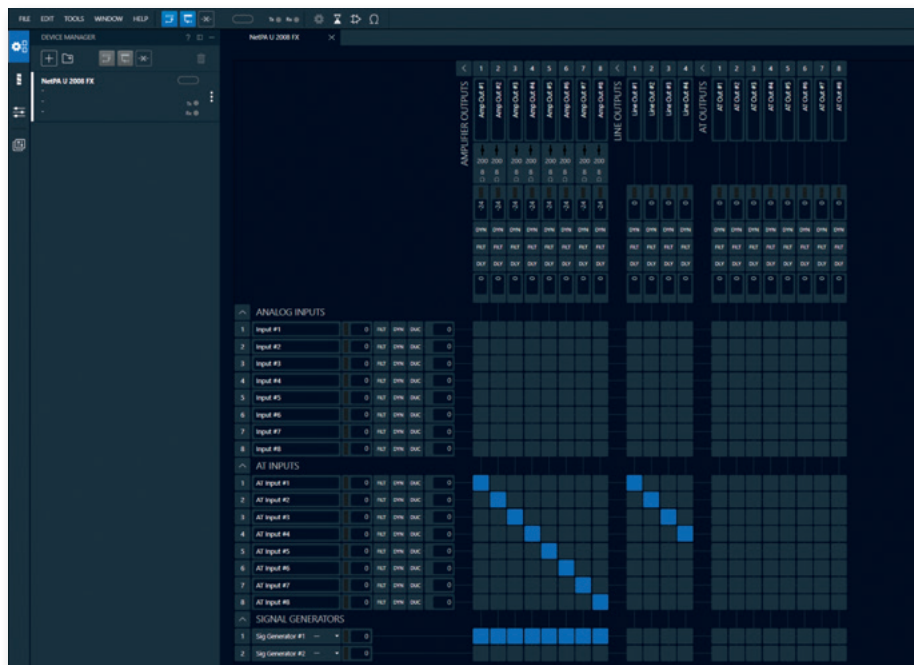


DANTE DOMAIN
MANAGER READY



Mix Matrix with Audio DSP

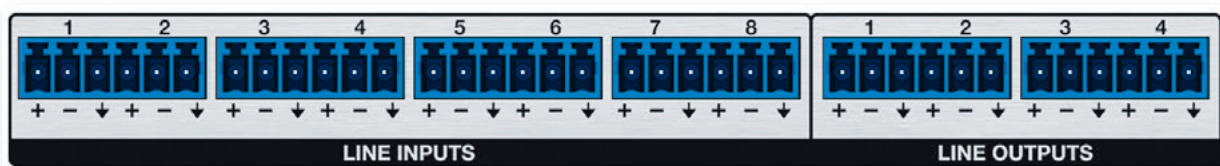
An integrated mix matrix allows any analog or Dante input to be mixed to any amplifier output, Dante output or analog line output. The mix matrix provides essential audio DSP functions such as gain adjustments, filters, dynamics, and delay. This powerful functionality makes it possible to deploy systems that include source ducking and routing, all without a separate audio DSP.



DSP Configurator Pro

Analog Line Inputs & Outputs

Both the line inputs and line outputs can be used for connecting analog devices to the Dante network. The line inputs provide connections for analog sources such as wireless microphone receivers. The analog line outputs allow for connection of other equipment, including additional amplifiers or assistive listening systems. These line outputs have processing separate from the amp outputs to account for varying delay and level settings.



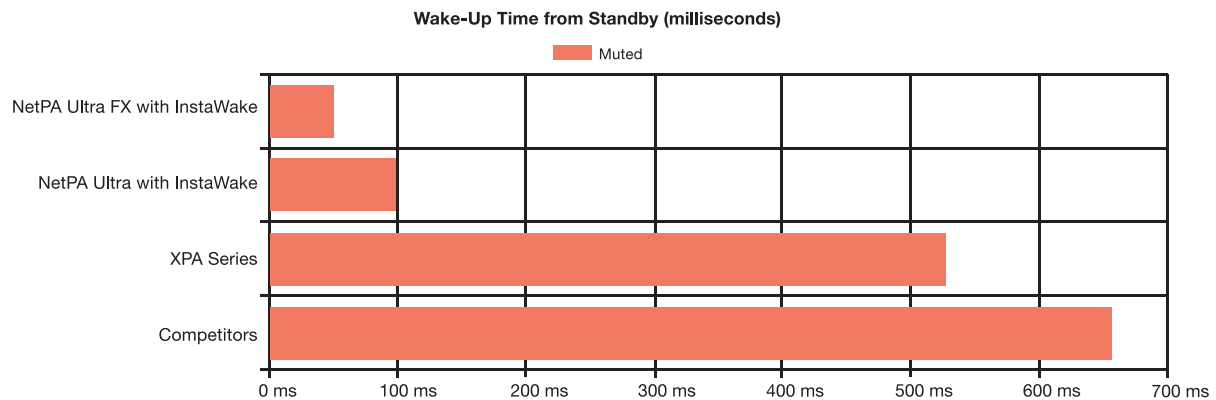
Analog I/O of the NetPA U 2008 FX

NETPA ULTRA FX ADVANTAGES

Ultra Fast Wake Up Time

NetPA Ultra FX amplifiers have an auto-standby feature that places the amplifier into standby after 25 minutes of inactivity, consuming less energy. This auto-standby can be disabled if required.

Traditionally, amplifiers in standby mode have struggled to wake quickly enough to avoid cutting off the start of incoming audio. Extron's Ultra amplifier platforms overcome this with InstaWake technology, ensuring seamless audio capture from the very first moment. The graph below shows the difference between a NetPA Ultra FX amplifier waking up completely in less than 50 milliseconds compared to competitors' Class D amplifiers that can take well over 600 milliseconds to begin waking up with partial power and well over 2 full seconds to achieve nominal power.



Control and Remote Monitoring

NetPA Ultra FX amplifiers integrate with a control system via an IP network or RS-232. This provides control of amplifier parameters and status monitoring. Two digital input ports and two digital output ports are provided, so that the NetPA Ultra FX amp can be programmed to sense and then respond to external triggers such as preset recall.

Select status information, including temperature and power is logged to a CSV file that is downloadable from an internal webpage.



IPCP Pro 250 xi Control Processor

NETPA ULTRA FX ADVANTAGES

Flexible Power Sharing

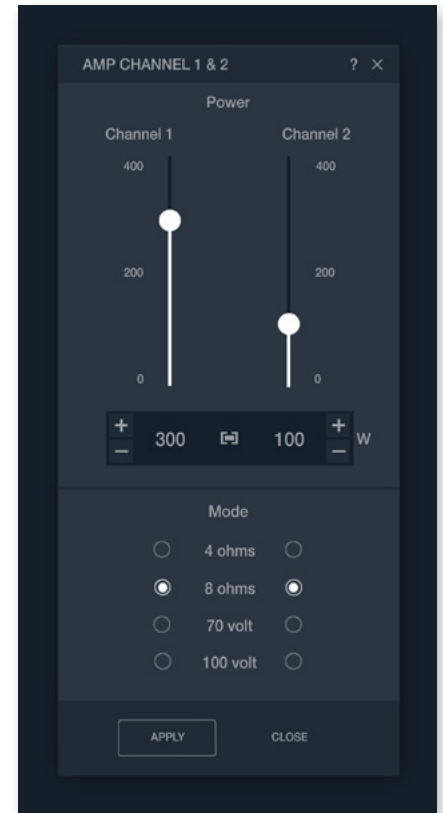
The total wattage per channel pair is shared between adjacent channels. This power sharing is configurable in software and allows each channel of a pair to deliver the amount of power required by the connected speakers.



CHANNEL PAIR 1 AND 2
400 Watts to allocate
Channel 1 = 300 Watts at 8Ω
Channel 2 = 100 Watts at 8Ω

CHANNEL PAIR 3 AND 4
400 Watts to allocate
Channel 1 = 350 Watts at 8Ω
Channel 2 = 50 Watts at 70V

Pairs of adjacent odd/even channels share power.
1/2, 3/4, 5/6, 7/8



Channel configuration window in DSP Configurator Pro

Software Configurable Output Modes

Output modes are independently configured per channel for 8 ohm, 4 ohm, 70 volt, or 100 volt operation. This allows a single NetPA Ultra FX amplifier to power multi-zone systems with any type of speaker, saving cost and space while simplifying setup.

Dual LAN Ports

Extra flexibility comes from dual LAN ports that can be configured to separate control and Dante traffic by port or merged onto one port for single cable operation on a converged network.

Ultra Reliable

Product reliability is a high priority at Extron and we go to great lengths to engineer products with industry-leading low failure rates, driven by rigorous testing of everything we ship. Our team of dedicated power systems engineers made hundreds of design decisions that cumulatively ensure a NetPA Ultra FX amplifier will provide years of trouble-free service. For example, sensitive power capacitors are located away from heat sources, failure-prone wire harnesses are avoided, short-lived electrolytic capacitors are not in the audio path, and many innovative heat dissipation techniques are utilized throughout. The NetPA Ultra FX line of amplifiers set a new standard for reliability and efficiency in the professional AV industry.

OVERVIEW

Stackable 1U enclosure

Can be freely stacked in a rack for space savings while maintaining cool operation

Front to rear fan-cooled

Easy to remove and clean foam air filters maintain airflow performance

DSP Configurator Pro

Powerful and user-friendly software tool for managing audio setup and operations of Extron DSP products

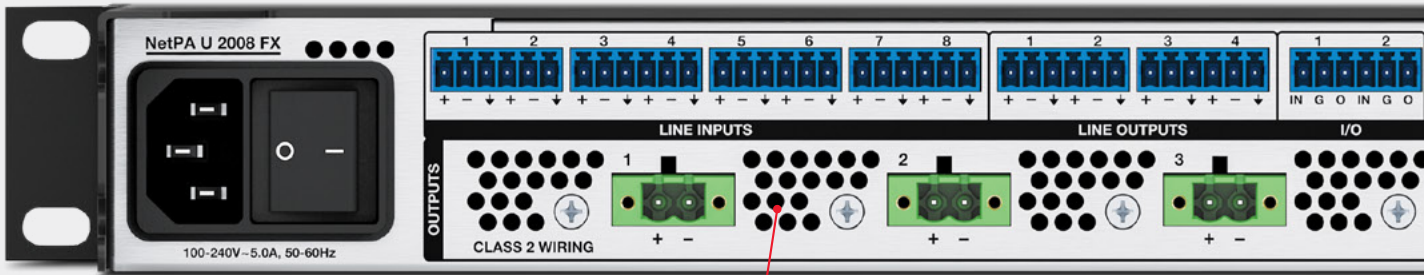


ECO Level 2

Conserves the most energy possible while maintaining key functions, including DSP and control

Onboard Mix Matrix with Audio DSP

Route any input to any output, includes essential audio DSP functions such as gain, filters, dynamics, and delay



Software Configurable Power Allocation

Total watts per channel pair can be balanced between adjacent channels.

Auto Standby

Enters standby after 25 minutes of inactivity, dramatically reducing power consumption.

InstaWake

Exits auto-standby mode in under 50 milliseconds to ensure no audio gets cut off.



Front and rear LED indicators

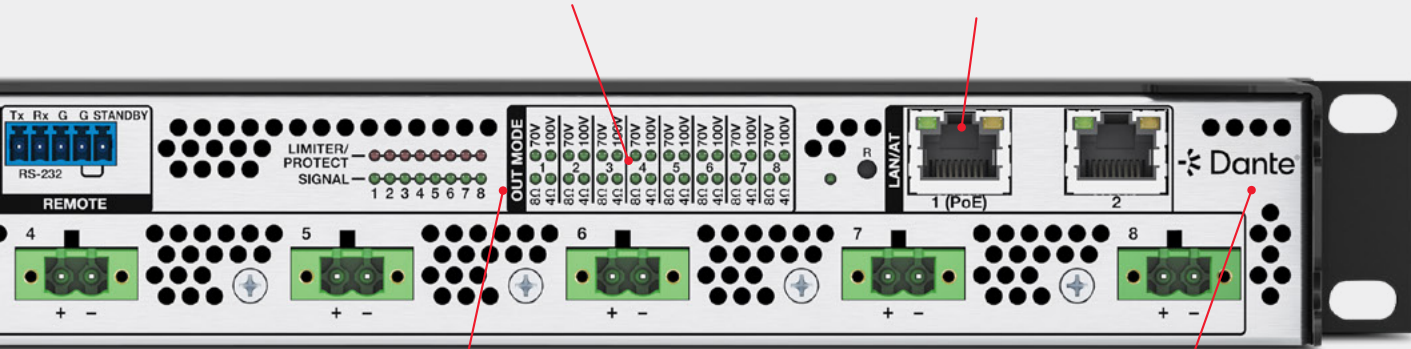
Protection, Signal, Power, and Over Temp LEDs facilitate setup and troubleshooting

Front and rear LED indicators

Protection, Signal, Power, and Over Temp LEDs facilitate setup and troubleshooting

PoE Powered DSP

When PoE is connected to the LAN/AT 1 port, the DSP, line I/O, Dante I/O, control, and monitoring remain operational even if main power is lost.



Software Selectable Output Modes

Enables this single amplifier model to be used in multizone installations with 70V, 100V, or low impedance speaker systems.

Dante

Signal from any Dante-enabled device on the network can be brought into a NetPA Ultra FX for amplification.

ADVANCED ENGINEERING FOR EFFICIENCY AND LONG LIFE

Fan Cooled

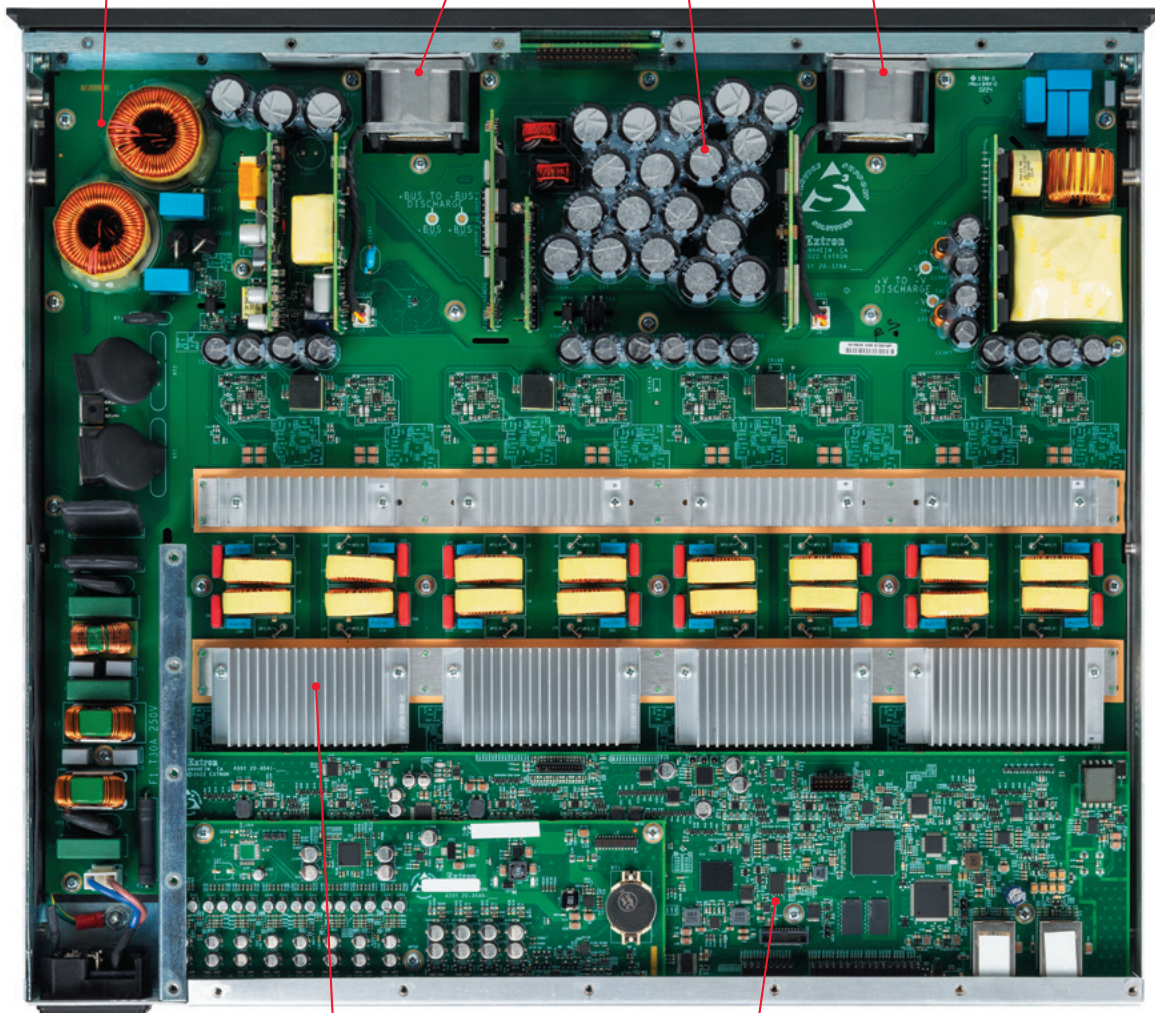
Premium, long lifespan fans that run quietly at low RPM actively push heat away from sensitive components, extending their life.

Everlast Power Supply

Designed with state-of-the-art technology and the highest-quality components for high-demonstrated reliability, low power consumption for reduced operating cost, and worldwide power compatibility.

Component Choice & Placement

Specifying long lifespan capacitors and placing them away from high heat sources extends product lifespan.



Heat Dissipation

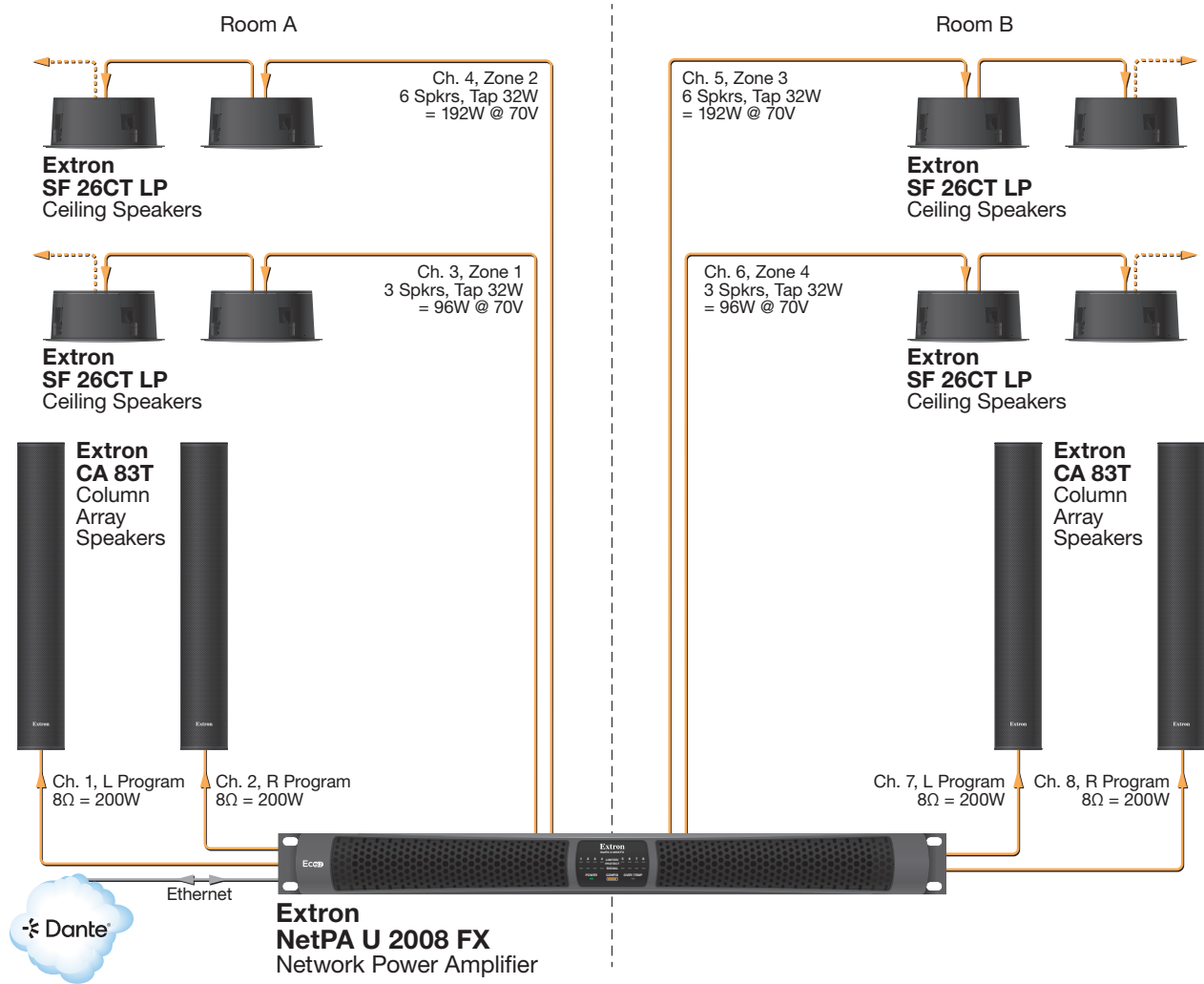
High temperature components utilize the largest possible heat sinks, greatly reducing component level failures.

High Efficiency

NetPA Ultra FX amplifiers operate with industry-leading efficiency that reduces cooling costs and energy requirements.

APPLICATION DIAGRAM

In this divisible room installation, a single NetPA 2008 FX is driving a pair of CA 83T Column Array speakers and two zones of SF 26CT LP ceiling speakers per room division. Source audio is routed to the NetPA 2008 FX via a Dante network. The amplifier's internal DSP and mix matrix simplify switching between combined and divided operation.

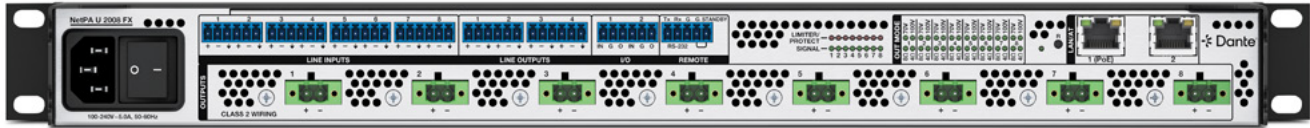


PANEL DRAWINGS AND SPECIFICATIONS

NetPA U 2008 FX



Front



Rear

AUDIO SYSTEM	
Frequency response	20 Hz to 20 kHz, ± 1 dB
Through amplifier	20 Hz to 20 kHz, ± 1 dB
THD + Noise	0.2% @ 1 kHz at 3 dB below clipping
Through amplifier	0.2% @ 1 kHz at 3 dB below clipping
S/N	100 dB, 20 Hz to 20 kHz at maximum output (unweighted)
Digital in to speaker out	100 dB, 20 Hz to 20 kHz at maximum output (unweighted)
Crosstalk	< -90 dB @ 1 kHz, fully loaded
Volume control	-100 dB to 0 dB (control 0 to 100 in 0.1 dB steps)
AUDIO INPUT – LINE	
Number/signal type	8 mono, balanced/unbalanced
Connectors	(8) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
Impedance	>10k ohms unbalanced/balanced
Nominal level	-60 dBV, +4 dBu, -10 dBV adjustable via input gain
Maximum level	+21 dBu at rated THD+N when input gain is set to 0 dB
CMRR	>60 dB typical
AUDIO OUTPUT – LINE	
Number/signal type	4 mono, line, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
Impedance	50 ohms unbalanced, 100 ohms balanced
AUDIO PROCESSING	
D/A conversion	24-bit, 48 kHz
Latency	1 ms max, line input to line/amplified output
AT PORTS – AUDIO TRANSPORT	
Transmission type	Dante/AES-67, software selectable
Connectivity	2 RJ-45, 2-port 1 Gbps Switch to Dante interface
Inputs	8 channels Rx
Outputs	8 channels Tx
Audio format	24-bit uncompressed, 48 kHz sampling rate
Latency	Deterministic, based on user selection: 1.0 ms (default), 2.0 ms, 5.0 ms
NOTE:	0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \approx 2 dBu
AUDIO SPEAKER OUTPUT	
Number/signal type	8 channels, 8 ohms, 4 ohms, 70 V, or 100 V
Connectors	(8) 2-pole 5 mm screw lock captive screw connectors
NOTE:	These connectors accept wires of 22 AWG to 12 AWG.
Load impedance	
8-ohm mode	8 ohms minimum
4-ohm mode	4 ohms minimum
70 V mode	12.5 ohms minimum for 400 W
100 V mode	25 ohms minimum for 400 W

Output power	200 W per channel (all channels driven), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.2% THD 400 W per channel (one channel driven per pair), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.2% THD	
High pass filter	70 V or 100 V modes 80 Hz, 12 dB per octave rolloff (switch selectable)	
CONTROL/REMOTE – AMPLIFIER		
Control port	(1) 3.5 mm captive screw, 5-pole RS-232	
Host control	1 bidirectional RS-232	
Standby		
Standby power control	Contact closure	
USB control port	1 front panel female USB C	
Digital I/O control	(2) 3.5 mm captive screw, 3 pole	
Ethernet host port	2 RJ-45 female connectors	
Ethernet data rate	10/100/1000 Base-T	
Protocol	ARP, ICMP, IEEE 802.1X, IP, TCP, DHCP, HTTPS, Telnet, SSH, SFTP	
Program control	Extron DSP Configurator Pro control/configuration program for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, SSH, Telnet	
GENERAL		
Power	100 VAC to 240 VAC, 50-60 Hz, internal	
Auxiliary power input (DSP, controller only)		
Power input requirements	Power over Ethernet (PoE IEEE 802.3af)	
Ambient temperature/humidity		
Operating	+32 to +122°F (0 to +50°C) / 10% to 90%, non-condensing	
Cooling	Fan, front-to-rear, variable speed	
Protection	Clip limiting, thermal, short circuit, DC output	
Mounting		
Rack mount	Yes, with included mounting brackets	
Enclosure dimensions	1.74" H x 17.31" W x 16.5" D (1U high, full rack wide) (44 mm H x 440 mm W x 419 mm D)(Width excludes faceplate and rack ears. Depth excludes rear rack ears.)	
Product weight	14.5 lb (6.6 kg)	
Regulatory compliance	CE, CEC, CISPR 32, CISPR 35, C-Tick, UL, c-UL, Ecoefficient Level 2, European Code of Conduct, FCC, ICES, RoHS, UL, VCCI Meets UL /EN/IEC 62368-1	
Warranty	3 years parts and labor	
Everlast power supply warranty	7 years parts and labor	
Model	Version Description	Part number
NetPA U 2008 FX	Eight Ch Configurable Output Dante Amp, 200 Watts	60-2027-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

NetPA U 2004 FX



Front



Rear

AUDIO SYSTEM	
Frequency response	
Through amplifier	20 Hz to 20 kHz, ± 1 dB
THD + Noise	
Through amplifier	0.2% @ 1 kHz at 3 dB below clipping
S/N	
Digital in to speaker out	100 dB, 20 Hz to 20 kHz at maximum output (unweighted)
Crosstalk	<-90 dB @ 1 kHz, fully loaded
AUDIO INPUT – LINE	
Number/signal type	4 mono, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
Nominal level	-60 dBV, +4 dBu, -10 dBV adjustable via input gain
Maximum level	+21 dBu at rated THD+N when input gain is set to 0 dB
CMRR	>60 dB typical
AUDIO OUTPUT – LINE	
Number/signal type	4 mono, line, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
AUDIO PROCESSING	
D/A conversion	24-bit, 48 kHz
Latency	1 ms max, line input to line/amplified output
AT PORTS – AUDIO TRANSPORT	
Transmission type	Dante/AES-67, software selectable
Connectivity	2 RJ-45, 2-port 1 Gbps Switch to Dante interface
Inputs	8 channels Rx
Outputs	8 channels Tx
Audio format	24-bit uncompressed, 48 kHz sampling rate
Latency	Deterministic, based on user selection: 1.0 ms (default), 2.0 ms, 5.0 ms
NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \approx 2 dBu	
AUDIO SPEAKER OUTPUT	
Number/signal type	4 channels, 8 ohms, 4 ohms, 70 V, or 100 V
Connectors	(4) 2-pole 5 mm screw lock captive screw connectors
NOTE: These connectors accept wires of 22 AWG to 12 AWG.	
Load impedance	
8-ohm mode	8 ohms minimum
4-ohm mode	4 ohms minimum
70 V mode	12.5 ohms minimum for 400 W
100 V mode	25 ohms minimum for 400 W

Output power	200 W per channel (all channels driven), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.2% THD 400 W per channel (one channel driven per pair), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.2% THD	
High pass filter	70 V or 100 V modes	
	80 Hz, 12 dB per octave rolloff (switch selectable)	
CONTROL/REMOTE – AMPLIFIER		
Control port	(1) 3.5 mm captive screw, 5-pole	
RS-232		
Host control	1 bidirectional RS-232	
Standby		
Standby power control	Contact closure	
USB control port	1 front panel female USB C	
Digital I/O control	(2) 3.5 mm captive screw, 3 pole	
Ethernet host port	2 RJ-45 female connectors	
Protocol	ARP, ICMP, IEEE 802.1X, IP, TCP, DHCP, HTTPS, Telnet, SSH, SFTP	
Program control	Extron DSP Configurator Pro control/configuration program for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, SSH, Telnet	
GENERAL		
Power	100 VAC to 240 VAC, 50-60 Hz, internal	
Auxiliary power input (DSP, controller only)		
Power input requirements	Power over Ethernet (PoE IEEE 802.3af)	
Ambient temperature/humidity		
Operating	+32 to +122°F (0 to +50°C) / 10% to 90%, non-condensing	
Cooling	Fan, front-to-rear, variable speed	
Protection	Clip limiting, thermal, short circuit, DC output	
Mounting		
Rack mount	Yes, with included mounting brackets	
Enclosure dimensions	1.74" H x 17.31" W x 16.5" D (1U high, full rack wide) (44 mm H x 440 mm W x 419 mm D)(Width excludes faceplate and rack ears. Depth excludes rear rack ears.)	
Product weight	15.0 lb. (6.8 kg)	
Regulatory compliance	CE, CEC, CISPR 32, CISPR 35, C-Tick, UL, c-UL, Ecoefficient Level 2, European Code of Conduct, FCC, ICES, RoHS, UL, VCCI Meets UL /EN/IEC 62368-1	
Warranty	3 years parts and labor	
Everlast power supply warranty	7 years parts and labor	
Model	Version Description	Part number
NetPA U 2004 FX	Four Ch Configurable Output Dante Amp, 200 Watts	60-2028-01

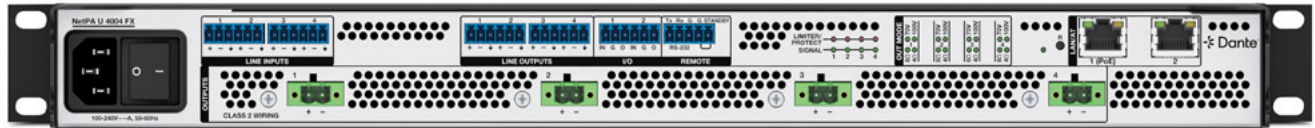
For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

PANEL DRAWINGS AND SPECIFICATIONS

NetPA U 4004 FX



Front



Rear

AUDIO SYSTEM	
Frequency response	Through amplifier 20 Hz to 20 kHz, ± 1 dB
THD + Noise	Through amplifier 0.1% @ 1 kHz at 3 dB below clipping
S/N	Digital in to speaker out 100 dB, 20 Hz to 20 kHz at maximum output (unweighted)
Crosstalk	<-90 dB @ 1 kHz, fully loaded
AUDIO INPUT – LINE	
Number/signal type	4 mono, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
Nominal level	-60 dBV, +4 dBu, -10 dBV adjustable via input gain
Maximum level	+21 dBu at rated THD+N when input gain is set to 0 dB
CMRR	>60 dB typical
AUDIO OUTPUT – LINE	
Number/signal type	4 mono, line, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3-pole, mono, balanced/unbalanced
AUDIO PROCESSING	
D/A conversion	24-bit, 48 kHz
Latency	1 ms max, line input to line/amplified output
AT PORTS – AUDIO TRANSPORT	
Transmission type	Dante/AES-67, software selectable
Connectivity	2 RJ-45, 2-port 1 Gbps Switch to Dante interface
Inputs	8 channels Rx
Outputs	8 channels Tx
Audio format	24-bit uncompressed, 48 kHz sampling rate
Latency	Deterministic, based on user selection: 1.0 ms (default), 2.0 ms, 5.0 ms
NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \approx 2 dBu	
AUDIO SPEAKER OUTPUT	
Number/signal type	4 channels, 8 ohms, 4 ohms, 70 V, or 100 V
Connectors	(4) 2-pole 5 mm screw lock captive screw connectors
NOTE: These connectors accept wires of 22 AWG to 12 AWG.	
Load impedance	8-ohm mode 8 ohms minimum 4-ohm mode 4 ohms minimum 70 V mode 6.25 ohms minimum for 800 W 100 V mode 12.5 ohms minimum for 800 W
Output power	400 W per channel (all channels driven), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.1% THD 800 W per channel (one channel driven per pair), 4 Ω / 8 Ω / 70 V / 100 V, 1 kHz, 0.1% THD

High pass filter	70 V or 100 V modes	80 Hz, 12 dB per octave rolloff (Default when mode is set to 70V or 100V, changeable)
CONTROL/REMOTE		
Control port		(1) 3.5 mm captive screw, 5-pole
Serial		
Serial host control port		1 bidirectional RS-232
Standby		
Standby power control		Contact closure
USB control port		1 front panel female USB C
Digital I/O		(2) 3.5 mm captive screw, 3 pole
Ethernet host port		2 RJ-45 female connectors
Protocol		ARP, ICMP, IEEE 802.1X, IP, TCP, DHCP, HTTPS, Telnet, SSH, SFTP
Program control		Extron DSP Configurator Pro control/configuration program for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, SSH, Telnet
GENERAL		
Power		Internal: Input: 100-240 VAC, 50-60 Hz, 0.5 A
Auxiliary power input (DSP, controller only)		
Power input requirements		Power over Ethernet (PoE IEEE 802.3af)
Temperature/humidity		
Operating		+32 to +122°F (0 to +50°C) / 10% to 90%, non-condensing
Cooling		Fan, front-to-rear, variable speed
Protection		Clip limiting, thermal, short circuit, DC output
Mounting		
Rack mount		Yes, with included front/rear mounting brackets
Enclosure type		Metal
Enclosure dimensions		1.74" H x 17.31" W x 16.5" D (1U high, full rack wide) (44 mm H x 440 mm W x 419 mm D)(Width excludes faceplate and rack ears. Depth excludes rear rack ears.)
Product weight		TBD lb. (TBD kg)
Regulatory compliance		CE, CEC, CISPR 22 Class B, C-Tick, c-UL, European Code of Conduct, FCC Class B, ICES, RoHS, UL, VCCI Class B Meets UL 62368-1, IEC 62368-1, and EN 62368-1 for AV Ecoefficient Level 2
Warranty		3 years parts and labor
Everlast power supply warranty		7 years parts and labor
Model	Version Description	Part number
NetPA U 4004 FX	Four Ch Configurable Output Dante Amp, 400 Watts	60-2035-01

For complete specifications, please go to www.extron.com
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ULTRA AMPLIFIER MODELS

XPA Ultra / NetPA Ultra / XPA Ultra FX / NetPA Ultra FX – Features & Capabilities

Model	Channels / Power @ 8 ohms	Channels / Power @ 70/100V	Flexible Power Sharing	Channels / Power Bridged	Dante/ AES67	Onboard DSP	RS-232	VCM Support	Ecoefficient Level
XPA Ultra FX Amplifiers									
XPA U 2008 FX	8 x 200 watts	8 x 200 watts	✓						4
XPA U 2004 FX	4 x 200 watts	4 x 200 watts	✓						4
XPA U 4004 FX	4 x 400 watts	4 x 400 watts	✓						4
NetPA Ultra FX Amplifiers									
NetPA U 2008 FX	8 x 200 watts	8 x 200 watts	✓		✓	✓	✓		2
NetPA U 2004 FX	4 x 200 watts	4 x 200 watts	✓		✓	✓	✓		2
NetPA U 4004 FX	4 x 400 watts	4 x 400 watts	✓		✓	✓	✓		2
XPA Ultra Amplifiers									
XPA U 758	8 x 75 watts								3
XPA U 358	8 x 35 watts								3
XPA U 358-70V		8 x 35 watts							3
XPA U 358-100V		8 x 35 watts							3
XPA U 358C-70V	4 x 35 watts	4 x 35 watts							3
XPA U 358C-100V	4 x 35 watts	4 x 35 watts							3
XPA U 1004	4 x 100 watts								3
XPA U 1004-70V		4 x 100 watts							3
XPA U 1004-100V		4 x 100 watts							3
XPA U 1002	2 x 100 watts								3
XPA U 1002-70V		2 x 100 watts							3
XPA U 1002-100V		2 x 100 watts							3
XPA U 3502	2 x 350 watts							✓	3
XPA Ultra Amplifiers with Selectable Output Modes									
XPA U 1004 SB	4 x 100 watts	2 x 200 watts		2 x 200 watts				✓	3
XPA U 2002 SB	2 x 200 watts	1 x 400 watts		1 x 400 watts				✓	3
NetPA Ultra Amplifiers with DSP and Dante									
NetPA U 1004	4 x 100 watts				✓	✓	✓		3
NetPA U 1004-70V		4 x 100 watts			✓	✓	✓		3
NetPA U 1004-100V		4 x 100 watts			✓	✓	✓		3
NetPA U 1002	2 x 100 watts				✓	✓	✓		3
NetPA U 1002-70V		2 x 100 watts			✓	✓	✓		3
NetPA U 1002-100V		2 x 100 watts			✓	✓	✓		3
NetPA U 2002 SB	2 x 200 watts	1 x 400 watts		1 x 400 watts	✓	✓	✓		3
NetPA U 8001 SUB	1 x 800 watts				✓	✓	✓		3

ONLINE AMPLIFIER SELECTOR

Use this convenient [Amplifier Selector](#) on the Extron website to find the amplifier models that meet the requirements of your project.

The XPA® Ultra lineup of Ecoefficient amplifiers represents Extron's ongoing commitment to sustainability and innovation by taking on the challenge of putting more high performance channels in less space.

With NetPA® Ultra amplifiers, you get all the advantages of our award winning XPA Ultra amplifiers combined with the power of Dante network audio distribution and integrated DSP. NetPA Ultra power amplifiers provide system scalability, easier installation, and simplified wiring, while meeting the stringent quality requirements of professional audio installations.

Extron Ultra FX Series amplifiers push the boundaries still further with higher power, per channel output configuration and adjacent channel power sharing. These amplifiers are go-to solutions for any multi-zone application requiring mixed speaker types and power levels.

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Power Search...

Amplifier Selector

37 Amplifiers

Filter By:

Speaker Impedance

- 40/8Ω
- 70V
- 100V
- LoZ / HiZ Combo

Max Number of Channels

- 1
- 2
- 4
- 8

Per Channel Output Power













- < 100 watts per channel
- 100-200 watts per channel
- > 200 watts per channel
- Power Sharing

Features

- Dante (AT)
- DSP
- Remote Volume & Mute
- InstaWake
- InstaWake+
- ECO Standby

Mounting Size

- 1/4 Rack
- 1/2 Rack
- Full Rack
- Hardware Included

 <p>XPA U 1004 SB 60-1301-01 Four Channel Bridgeable Output Amp, 100/200 Watts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>XPA U 2002 SB 60-1758-01 Two Channel Bridgeable Output Amp, 200/400 Watts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA 204 POE 60-2047-01 Four Ch PoE Dante Amplifier - Up to 20 Watts/Ch</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 1004 60-1766-01 Four Channel Dante Amp, 100 watts at 8 or 4 ohms</p> <p><input type="checkbox"/> Add to Compare</p>
 <p>NetPA U 1004-70V 60-1766-02 Four Channel Dante Amp, 100 watts at 70 volts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 1004-100V 60-1766-12 Four Channel Dante Amp, 100 watts at 100 volts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 1002 60-1767-01 Two Channel Dante Amp, 100 watts at 8 or 4 ohms</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 1002-70V 60-1767-02 Two Channel Dante Amp, 100 watts at 70 volts</p> <p><input type="checkbox"/> Add to Compare</p>
 <p>NetPA U 1002-100V 60-1767-12 Two Channel Dante Amp, 100 watts at 100 volts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 2002 SB 60-1757-01 Two Ch Bridgeable Output Dante Amp, 200/400 Watts</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>NetPA U 8001 SUB 60-1866-01 Mono Dante Subwoofer Amp, 800 watts at 8 ohms</p> <p><input type="checkbox"/> Add to Compare</p>	 <p>XPA U 758 60-1863-01 Eight Channel Amp, 75 watts at 8 ohms</p> <p><input type="checkbox"/> Add to Compare</p>

NETPA ULTRA FX PATENTS

Only a company that develops its own unique technology could have a patent portfolio as extensive as Extron, including many audio patents. The NetPA Ultra FX amplifiers benefit from our patented technologies shown below, technologies providing key performance and reliability advantages to our customers that cannot be duplicated by other amplifier manufacturers.



Low Noise Triangular Waveform Generator

Since a triangle generator is the heart of a Class D amplifier, and triangle generators have audio band noise content, this technology is used to greatly reduce that noise content resulting in a lower audio noise floor.

Class D Soft Switching

Extron's soft switching design works to reduce dissipated power, which increases amplifier efficiency.

Class D Power Converter

The power converters in Extron Class D amplifiers facilitate energy transfer for more precise performance while using fewer lifetime-limiting capacitors in the power supply.

