



*Multi-Mode Power Amplifiers for your Most Demanding Installations*







## ***Meet NX—Your new network amplifier.***

*We at Ashly Audio are a dedicated group of designers, builders and sound technicians with decades of experience building power amplifiers and signal processors. We understand the process of achieving great sounding audio—and we've proven it again with NX. Our flagship line of NX amplifiers are trust-worthy, networkable power amplifiers that install and configure into virtually any architecture and sound environment. NX amplifiers integrate seamlessly into sports and performance venues, universities and business centers, as well as restaurants, nightclubs, schools and worship spaces. With NX your clients will enjoy optimum sound clarity and systems that are easy to maintain and manage, while keeping your business profitable.*





## **Multi-Mode operation offers flexibility.**

What makes NX a more unique and compelling amplifier line? All NX amplifiers feature Selectable Outputs on each channel output so you can connect to virtually any speaker in an audio system. Drive Low Impedance (2, 4, 8 Ohms),



or 25V, 70V, 100V Constant Voltage systems within a single NX amplifier. Maximize rack density by mixing operation

modes to dial into whatever the system requirements demand. Each mode is set via DIP-Switch settings located on the rear panel of the amp. (Power Factor Correction and 25V output only available on 1U models.)

Stable at 2 Ohms, NX amplifiers run cool. Its airflow design keeps the amp running efficiently. Side vents draw air in, circulate and is exhaust out through the front.

## **Class-D switching amplifier technology.**



Separate switch-mode power supplies auto detect 120VAC or 240VAC operation. This provides increased reliability and performance.

For its class, NX chassis are lightweight and feature highly-conductive Galvalume® steel construction that provides the ultimate in low-noise shielding and EMI suppression.

## **Energy efficiency right out of the box.**

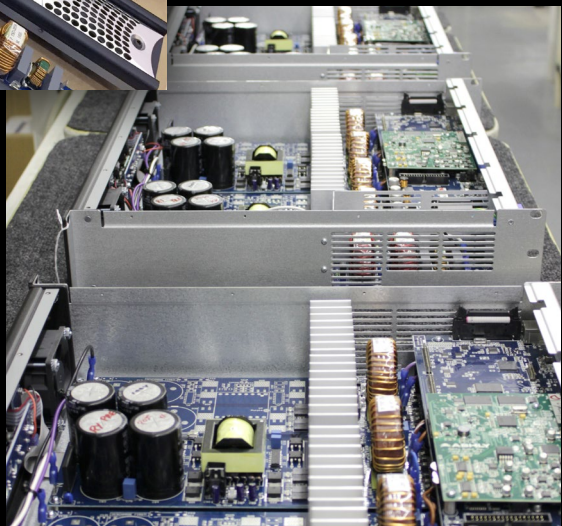
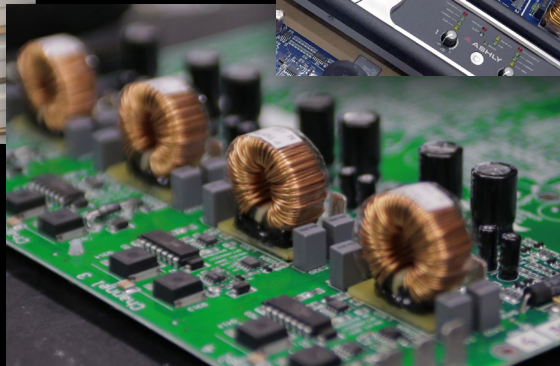
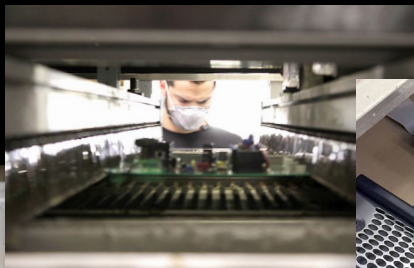


We're doing our part to conserve energy.

NX features power-saving Ashly EMS™

(Energy Management System) and is offered exclusively across the entire NX line. Ashly EMS

is a defeatable <1W sleep-mode that complies with the most aggressive Energy Star® benchmark†.





*We're committed to high standards in sound clarity.*

*Backed by our team of engineers and a 5-year worry-free warranty, our goal is to always give you years of uninterrupted service. We are passionately focused on providing audio clarity for you and your clients. With over 40 years in the audio business, you'll find our service after the sale is unmatched by any in our industry.*



**MADE IN THE  
USA**

## Choose the NX that fits your system design.



NX are available in 2 or 4 channel models all with common feature sets. Choose from 36 model configurations, available from

75 to 3000 Watts per channel. Start with a base model NX Series and build your way up.



The nXe Series adds Ethernet control, Event Scheduler, Preset Recall, AUX Outputs and much more.

Add factory options like Dante® or CobraNet® for network audio integration.



The nXp Series has all the features of nXe, adding Protea™ DSP Signal Processing and Swept Load Impedance Analysis.

## Create custom remote control interfaces.

Take advantage of our FREE remote control for Apple iPad,® called Ashly Remote. Design and deploy custom remote control interfaces to control the amplifier over WiFi.

Leveraging iPad's intuitive touch-screen, end-users and

industry pros alike love the ease-of-use and familiarity.







Add controls specific to your system by designing menu systems, faders, assign text labels, toggles, fixed presets, and much more. Hardwired



Ashly Remotes are available including passive (all models), serial data, and Ethernet remotes. (nXe & nXp models)





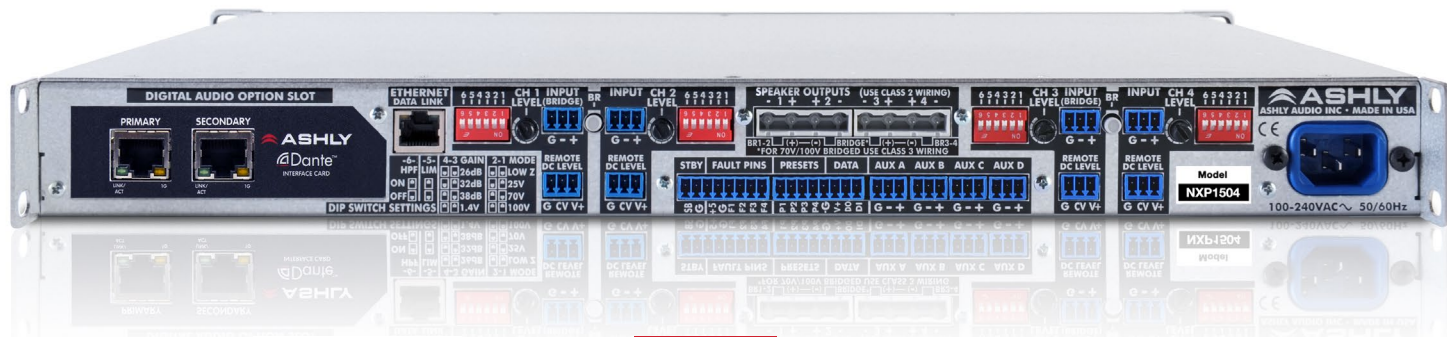
												
Channels	2 ch	4 ch	2 ch	4 ch	2 ch	4 ch	2 ch	4 ch	2 ch	4 ch	2 ch	4 ch
Base Model	nX752	nX754	nX1502	nX1504	nX4002	nX4004	nX8002	nX8004	nX1.52	nX1.54	nX3.02	nX3.04
w/ Ethernet	nXe752	nXe754	nXe1502	nXe1504	nXe4002	nXe4004	nXe8002	nXe8004	nXe1.52	nXe1.54	nXe3.02	nXe3.04
w/ Ethernet & Protea DSP	nXp752	nXp754	nXp1502	nXp1504	nXp4002	nXp4004	nXp8002	nXp8004	nXp1.52	nXp1.54	nXp3.02	nXp3.04
<b>Low Impedance Power Ratings</b> (per channel, all channels driven)												
2 Ohms	75W	75W	150W	150W	400W	400W	800W	800W	1,500W	1,500W	3,000W	3,000W
4 Ohms	75W	75W	150W	150W	400W	400W	800W	800W	1,500W	1,500W	2,000W	2,000W
8 Ohms	75W	75W	150W	150W	400W	400W	800W	800W	1,250W	1,250W	1,250W	1,250W
<b>Low Impedance Power Ratings</b> (bridge mode, all channels driven)												
4 Ohms	150W	150W	300W	300W	800W	800W	1,600W	1,600W	3,000W	3,000W	6,000W	6,000W
8 Ohms	150W	150W	300W	300W	800W	800W	1,600W	1,600W	3,000W	3,000W	4,000W	4,000W
16 Ohms	150W	150W	300W	300W	800W	800W	1,600W	1,600W	2,500W	2,500W	2,500W	2,500W
<b>Constant Voltage Power Ratings</b> (per channel, all channels driven)												
25 Volt	75W	75W	150W	150W	—	—	—	—	—	—	—	—
70 Volt	75W	75W	150W	150W	400W	400W	800W	800W	1,500W	1,500W	2,450W	2,450W
100 Volt	75W	75W	150W	150W	400W	400W	800W	800W	1,250W	1,250W	1,250W	1,250W
<b>Total AC Mains Power Draw</b> (per channel, all channels driven)												
Sleep Mode †	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W
Standby Mode	15W	25W	15W	25W	25W	40W	25W	40W	40W	70W	40W	70W
Idle / No Signal	33W	53W	33W	53W	40W	70W	40W	70W	55W	100W	55W	100W

Measurements based on CEA-2006/490A, 20ms 1kHz 1% THD+N, 480ms 1kHz -20dB. † <1W sleep mode can be defeated for applications that are subject to third-party performance standards that prohibit a sleep mode, including those used for Mass Notification and Emergency Communications Systems and those subject to ANSI/UL 2572. See website for details.



# Protea™ ashly.com/software

Protea™ is compatible with Microsoft® Windows 10, 8, 7 (Vista), 32 & 64 bit systems.



## Ethernet-ready

Command and control your install via computer and a standard 10/100 Ethernet connection. (nXe & nXp models only)



## Network audio keeps you connected

Optional Dante™ or CobraNet® integrate media and control for your entire AV system over a single IP network. Each card is factory-installed with your order and easy to configure right out of the box. (nXe & nXp models only)



## Set your output configuration

Rear panel DIP-switches are paired with each channel to select Low Impedance or Constant Voltage, as well as High-Pass Filter, Limiter, and Input Gain to further customize your output configuration. (All models)



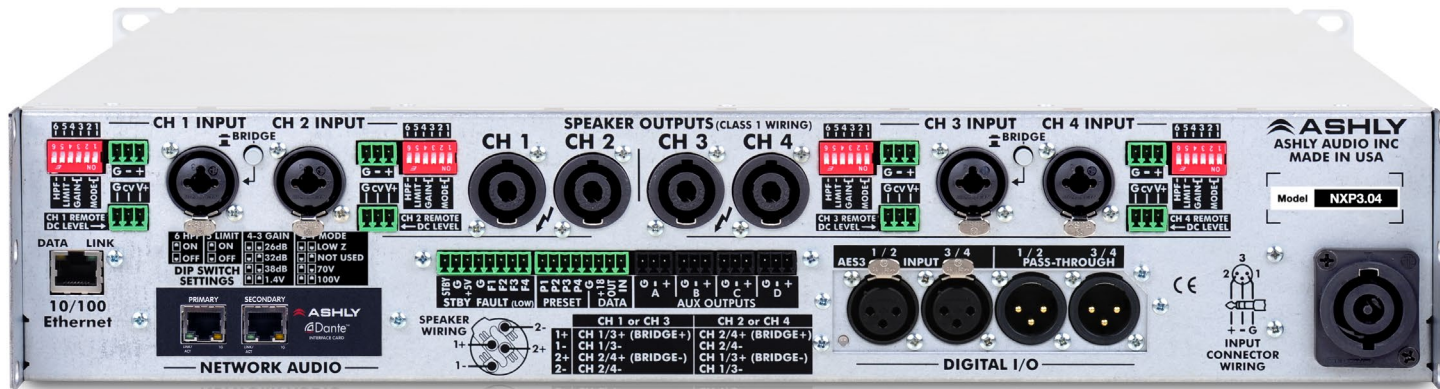
## Ashly Remote customizes control

There are many functions available when creating a remote for iPad®: Mute, Preset Recall, Amplifier Standby (nXe & nXp), plus Gain/Attenuation, A/B Source Selection, Read-back Labels, Input/Output Meters, PEQ Filter Level Control (nXp only), to name only a few. Navigation is simple, you won't need a tutorial to get started.



## Protea features

Auto Mixer & Feedback Suppressor  
Ambient Noise Compensation  
Dynamics Processing w/ Auto-ducker  
EQ & Crossovers including FIR Filters  
Time-Alignment & Tower Delay  
Variable Noise-Masking w/ RTC  
Swept AC Load-Analysis w/ Baseline Logging (nXp models only)



### Set and forget

Engage a recessed front panel switch (all models) or Protea Software (nXe & nXp models) to disable power and level controls for a tamper-proof installation.

### HotPatch

### Adjust on the fly

Introduce new DSP functions for "live" adjustments with no recompiling required. (nXp models only)

### FIR Filters

### Plug & play speaker tuning

Use FIR filters or Voicing files provided by speaker manufacturers for use with their loudspeaker designs and speaker systems. (nXp models only)

### AUX

### Extend your system

Use the Auxiliary Outputs to drive additional amplifiers (nXe & nXp), or with post DSP/Matrix signals. (nXp only)

### I/O

### Digital audio-ready

Optional AES Audio with zero-latency pass-through offers even more input options. (nXe & nXp models only)



### Quality connectors

NX 2U models provide Neutrik combo XLR- $\frac{1}{4}$ "TRS and Euroblock input, speakON® output, and powerCON® twist-lock AC Mains connectors for security, safety, and reliability. NX 1U models use only Euroblock connectors.

**ASHLY.COM**



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**POWER AMPLIFICATION | SIGNAL PROCESSING | AUDIO NETWORKING & CONTROL**

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