



# AMPLIFIERS

# iAMP4000

**SNEAK  
PEAK!**



The Phonic iAmp4000 offers a mind-blowing 4000 Watts of power in a simple, low-weight 2U construct. Where traditional amplifiers offer heavy, complicated – and noisy – circuitry Phonic's class D amp design offers cleaner, quieter output without over-complicating the design. Able to run into loads as low as 2 ohms, each channel provides 2000 Watts of power to speakers with ease. XLR inputs and professional SPEAKON speaker outputs are available on each channel, as well as an XLR link output jack allowing for multiple amplifiers to be cascaded.

## **iAMP4000** 4000 Watt Digital Amplifier

- ▶ 2000 Watts of power per channel at 2Ω
- ▶ Front-mounted gain controls
- ▶ Signal, -20, -10 and clip LEDs on both channels
- ▶ Neutrik speakon connector used for main power input to ensure cables are not inadvertently removed
- ▶ Extremely wide frequency response achieved through digital circuitry: 10Hz – 40kHz
- ▶ XLR connectors provided for signal input
- ▶ Professional standard speakon connectors on output
- ▶ Full range of protection circuitry with indicators: thermal, VHF (very high frequency) and 'protect'
- ▶ Male XLR 'link' connectors included for parallel operation
- ▶ Input gain switch: 1V, 26dB and 32 dB

# ICON SERIES

Icon Series power amplifiers are designed with the needs of sound contractors in mind. The binding post outputs allow for connection to standard low impedance speakers. Barrier strip outputs enable 25V, 70V and 100V Line operation. Each amplifier channel has a separate toroidal secondary transformer that provides full electrical isolation and ensures maximum audio separation. Features like power up muting, full short-circuit temperature, DC offset protection and a built-in 45 Hz subsonic filter, combine to make the Icon Series an attractive, cost effective solution for any audio installation.



ICON 700

## **ICON 300** 300W Contractor Amp

- ▶ Output power: 2 x 150W @ 70V or 100V
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ XLR and barrier strip inputs
- ▶ Full short-circuit, temperature and DC offset protection
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- ▶ 132 x 480 x 428 mm (5.2" x 18.9" x 16.9") \ 20.2 Kg (44.5 lbs)

## **ICON 700** 700W Contractor Amp

- ▶ Output power: 2 x 350W @ 70V or 100V
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ XLR and barrier strip inputs
- ▶ Full short-circuit, temperature and DC offset protection
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- ▶ 132 x 480 x 428 mm (5.2" x 18.9" x 16.9") \ 24.3 Kg (53.5 lbs)



XP3000

Built around robust and advanced toroidal transformers, Phonic XP Series power amplifiers deliver clean power on demand. The advanced protection circuitry guards against short circuit and open circuit, and also protects against ultrasonic and RF interference. A dual mono, high current power supply increases reliability and performance, and the variable speed fans effectively cool the amp with rear to front air flow and protect against overheating. Phonic's XP Power Amplifiers are specially designed for professionals who value high power, audio clarity, reliability and lasting performance.

## FEATURES OVERVIEW

- ▶ Front-mounted gain controls
- ▶ High continuous current output from robust toroidal transformer
- ▶ Bridge mono and parallel mode LEDs
- ▶ Fast Recovery design for lower distortion if clipping occurs
- ▶ Active balanced inputs for low noise
- ▶ Signal level at -40, -20, -10, protect and clip LED indicators to monitor performance
- ▶ Ground Lift switch to prevent humming
- ▶ Selectable stereo, parallel & bridge mono amp modes
- ▶ Two ventilation variable speed fans
- ▶ Speakon-type connectors and 5-way binding posts speaker outputs
- ▶ XLR & 1/4" TRS connectors for maximum input flexibility
- ▶ Fits a standard 19" rack

### XP 1000

#### 1120W Power Amp

- ▶ Output Power: 560W @ 2 ohms stereo, 440W @ 4 ohms stereo
- ▶ Requires two standard rack units for mounting
- ▶ 482.6 x 89 x 367.2 mm (19" x 3.5" x 14.4") \ 17.5 kg (38.5 lbs)

### XP 2000

#### 1920W Power Amp

- ▶ Output Power: 960W @ 2 ohms stereo, 660W @ 4 ohms stereo
- ▶ Requires two standard rack units for mounting
- ▶ 482.6 x 133.5 x 376 mm (19" x 5.25" x 14.8") \ 21.8 kg (48 lbs)

### XP 3000

#### 2800W Power Amp

- ▶ Output Power: 1400W @ 2 ohms stereo, 1100W @ 4 ohms stereo
- ▶ Requires three standard rack units for mounting
- ▶ 482.6 x 133.5 x 376 mm (19" x 5.25" x 14.8") \ 24.2 kg (53.3 lbs)

### XP 5000

#### 5000W Power Amp

- ▶ Output Power: 2500W @ 2 ohms stereo, 1800W @ 4 ohms stereo
- ▶ High-current toroidal transformers for greater two-ohm power and low noise
- ▶ Independent user-defeatable clip limiters reduce distortion
- ▶ XLR, 1/4" and barrier strip inputs all included
- ▶ Requires three standard rack units for mounting
- ▶ 482.6 x 133 x 415 mm (19" x 5.2" x 16.3" ) \ 28.2 kg (62 lbs)



XP5000

# MAX SERIES

All 5 models in the Phonic MAX series of power amplifiers provides a range of different power options and are big on added features. Input to the MAX amps is achieved via XLR and 1/4" jacks, and output is achieved through either professional standard speakon connectors or traditional binding posts. Common to all models are such features as grounding switches, detented gain controls, signal and clip indicators and multiple user-selectable output operating modes. All of this, plus the high efficiency circuitry design and ultra-cool operation, makes the MAX series ideal for real world, large scale application.



MAX 2500 PLUS

## MAX 250

### 160W Power Amp

- ▶ Output power: 80W @ 4 ohms stereo, 60W @ 8 ohms stereo
- ▶ Studio quality performance with very low noise and wide dynamic range
- ▶ Class H high efficiency circuitry design
- ▶ Ultra-low total harmonic distortion
- ▶ High damping factor provides exceptional loudspeaker motion control
- ▶ Detented level controls for precise repeatability
- ▶ Signal and CLIP indicators to monitor performance
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection and power on/off muting
- ▶ Convection cooling system dissipates heat through the heat sink and chassis for noise-free operation
- ▶ One rack unit
- ▶ 482 x 44 x 250 mm (19" x 1.75" x 5062" ) \ 6.7 kg (14.8 lbs)

## MAX 500

### 240W Power Amp

- ▶ Output power: 120W @ 4 ohms stereo, 90W @ 8 ohms stereo
- ▶ Studio quality performance with very low noise and wide dynamic range
- ▶ Class H high efficiency circuitry design
- ▶ Ultra-low total harmonic distortion
- ▶ High damping factor provides exceptional loudspeaker motion control
- ▶ Detented level controls for precise repeatability
- ▶ Signal and CLIP indicators to monitor performance
- ▶ Protect indicator
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset, over-heat protection and power on/off muting
- ▶ Convection cooling system dissipates heat through the heat sink and chassis for noise-free operation
- ▶ One rack unit
- ▶ 482 x 44 x 340 mm (19" x 1.75" 7.65" ) \ 7.85 kg (17.3 lbs)

## MAX 860 **PLUS**

### 600W Power Amp

- ▶ Output power: 300W @ 4 ohms stereo, 200W @ 8 ohms stereo
- ▶ High-current toroidal transformers for greater power and low noise
- ▶ Balanced XLR and 1/4" phone jack inputs
- ▶ Binding post and Speakon-type outputs
- ▶ Front mounted gain controls for easy access
- ▶ Signal and Peak LED indicators to monitor performance
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset
- ▶ Power on/off muting
- ▶ Grounding / Floating switch to avoid grounding loop
- ▶ 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 14.6 kg (32.2 lbs)

## MAX 1500 **PLUS**

### 900W Power Amp

- ▶ Output power: 450W @ 4 ohms stereo, 280W @ 8 ohms stereo
- ▶ High-current toroidal transformers for greater power and low noise
- ▶ Balanced XLR and 1/4" phone jack inputs
- ▶ Binding post and Speakon-type outputs
- ▶ Front mounted gain controls for easy access
- ▶ Signal and Peak LED indicators to monitor performance
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset
- ▶ Power on/off muting
- ▶ Grounding / Floating switch to avoid grounding loop
- ▶ 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 15.5 kg (34.2 lbs)

## MAX 2500 **PLUS**

### 1500W Power Amp

- ▶ Output power: 750W @ 4 ohms stereo, 500W @ 8 ohms stereo
- ▶ High-current toroidal transformers for greater power and low noise
- ▶ Balanced XLR and 1/4" phone jack inputs
- ▶ Binding post and Speakon-type outputs
- ▶ Front mounted gain controls for easy access
- ▶ Signal and Peak LED indicators to monitor performance
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset
- ▶ Power on/off muting
- ▶ Grounding / Floating switch to avoid grounding loop
- ▶ 482.6 x 88 x 415 mm (19" x 3.46" x 15.9") \ 18 kg (39.7 lbs)