



XPA GEN3 fully modular Amplifier Platform

The XPA Gen3 modular power amplifier is comprised of a heavy-duty chassis, which houses the oversized power supply, and up to seven amplifier modules. The XPA Gen3 can be purchased with anywhere between two and seven amplifier modules installed, and additional amplifier modules may be installed as more channels of amplification are needed (up to a maximum of seven modules). The front panel display and protection system are designed to work with the maximum number of channels, and so need not be updated when the XPA Gen3 is expanded; on the rear panel, slots not occupied by amplifier modules will be covered with protective cover panels.

The new XPA Series utilises a high-current switch mode power supply. It's capable of delivering over 3KW of continuous power with absolute reliability and extremely high efficiency. It shares the dynamic attributes of a classic transformer-based design with none of the downside. It's lightweight, intelligent, and extremely powerful! All of the benefits of a classic Class AB design without the wasted heat, weight, and power of a conventional fixed rail design - Cool.

Features

- A fully modular using independent, fully discrete, dual differential, high current, short signal path Class A/B amplifier modules
- Wideband, low distortion amplifier design
- Optimised Soft-Switch Class H™ power supply topology
- Heavy steel 4RU chassis with milled aluminium faceplate
- Gold plated five-way speaker binding posts with clear shields
- Solid machined gold-plated RCA input connectors
- Choice of balanced or unbalanced inputs
- Remote trigger input and output
- Power Per Channel: All Channels Driven; THD <0.1% ; into 8 ohms:
Two: 300 watts RMS per channel; Three: 275 watts RMS per channel; Four: 260 watts RMS per channel; Five: 250 watts RMS per channel; Six: 225 watts RMS per channel; Seven: 200 watts RMS per channel
- Dimensions (W x H x D mm): 432 x 203 x 483 (including feet); 432 x 178 x 483 (without feet)

FIVE YEAR WARRANTY

Specifications

- Power Bandwidth (at rated power; 8 ohm load): 20 Hz to 20 kHz (+/- 0.1 dB)
- Broadband Frequency Response: 5 Hz to 80 kHz (+/- 0.15 dB)
- THD + noise: < 0.005%; at 100 watts RMS; 1 kHz; 8 ohms
- Signal to Noise Ratio (8 ohm load):
> 117 dB; ref FTC rated power; unbalanced input (A-weighted)
> 91 dB; ref 1 watt; unbalanced input (A-weighted)
- Minimum Recommended Load Impedance:
4 ohms; which equals one 4 ohm load or two paralleled 8 ohm loads
- Damping Factor (8 ohm load): > 500
- Speaker Output Connections: Audiophile grade, gold-plated, 5-way binding posts
- Power Supply: High efficiency, audiophile grade, Switch Mode Power Supply (SMPS)
- Input Sensitivity (for rated power; 8Ohm load): 1.5 V
- Gain: 29 dB
- Input Connections:
Unbalanced (RCA); balanced (XLR); one each per channel, independently selectable
Input Impedance: 33 kohms (balanced); 23.5 kohms (unbalanced)
- Trigger:
Trigger Input: 5 - 12 V (AC or DC); <10 mA input current required
Trigger Output: 12 VDC; can drive any load up to 120 mA
- Power Requirements:
Between 100 VAC and 250 VAC @ 50 / 60 Hz (automatically detected)
- Front Panel Controls and Indicators:
Standby; push button (halo ring changes colour to indicate Standby or On)
Status LEDs; one per channel; blue
Status LEDs change to red to indicate a fault condition
- Rear Panel Controls:
AC Power switch; rocker switch (switches AC main power)
Status LEDs switch; disables front panel Status LEDs and dims Standby button halo
Input selector switches (one per channel); metal toggle switches; select between balanced and unbalanced inputs
Circuit Breaker; press button to reset circuit breaker
- Protection:
The XPA Gen3 is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions
- Dimensions (W x H x D mm): 432 x 203 x 483 (including feet); 432 x 178 x 483 (without feet)
- Weight: XPA two Gen3: 16.1 Kg; XPA three Gen3: 17.7 Kg; XPA four Gen3: 19.3 Kgs; XPA five Gen3: 20.9 Kg; XPA six Gen3: 22.5 Kg; XPA seven Gen3: 24 Kg



Assembled in the USA with Globally Sourced Components

FIVE YEAR WARRANTY