GA46

COMPACT 4-CHANNEL AMPLIFIER WITH 4X1500 W RMS @4?, BUILT-IN DSP AND POWERSOFT™ MODULE

GA46

KGEAR GA46 is a compact, high-efficiency 4-channel amplifier designed to deliver top-tier performance in professional installations. Powered by an integrated Powersoft™ module and a programmable DSP via ArmoníaPlus, the GA46 offers power, control, and reliability in a modular, space-saving format. Each channel delivers up to 1500 W RMS at 4?, and in bridge mode, it can achieve 4x1500 W at 8? or 100V lines, with dedicated presets.

Remote programming via ArmoníaPlus software over Ethernet enables full and intuitive configuration, with 4 presets that can be physically recalled from the rear panel. The modular design allows up to 3 units to be installed in just 2U, maximizing rack space and supporting multi-zone or distributed systems in complex environments.

Ideal for touring, events, fixed installations, auditoriums, transportation hubs, houses of worship, stadiums, theme parks, and clubs, the GA46 combines versatility and professional-grade audio power in one compact solution.

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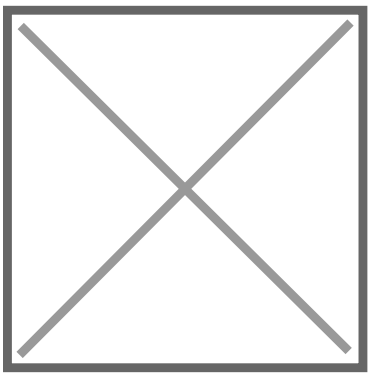
Class-D DSP 70V-100V Line

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HIGHLIGHTS

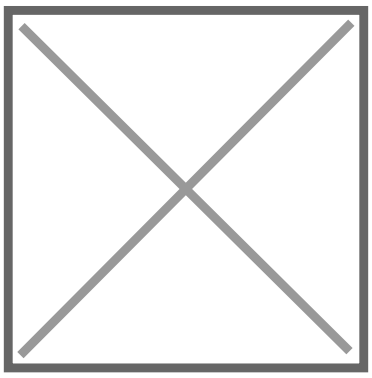


POWER AND DSP CONTROL WITH INTEGRATED POWERSOFT™ MODULE

Delivers up to 4x1500 W at 8?/100V or 4x1500 W at 4?, powered by a **high-efficiency Powersoft™ module with built-in DSP**, perfect for demanding audio environments.

COMPACT MODULAR DESIGN FOR FLEXIBLE INSTALLATIONS

Compact and modular setup: up to 3 GA46 units in just 2U, enabling clean and flexible installation in multi-channel or distributed systems.



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PRODUCT DETAILS

KEY FEATURES

- Four Channel Amplifier
- Compact and modular design
- Fits both high-end fixed installations and rental
- Use G-RACK to fit in a 2U Rack
- Ethernet Port for control via Armonia Plus software

SPECIFICATIONS

Type	4-ch Class D power amplifier
Output Channels	4
Max Output Power per Channel	1500 Watt (RMS EIAJ Single Channel Driven @ 4 ohm)
Minimum Impedance	4?
High Impedance Speaker Lines	70V-100V
Internal DSP	Remote control and tuning, Input and Output Delay Parametric input EQ, Output parametric filters
Operating Voltage	100-240V AC, 50-60 Hz
Power consuption	6 A @ 100 VAC, 2,5 A @ 240 VAC, 600 W
Connectors	RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet

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Dimensions (W x H x D)	145mm x 90mm x 418mm
Weight	3.6 kg (7.94 lbs)
Local and remote controls	Volume potentiometer, Preset selector, Remote control through Powersoft ArmoniaPlus Software
Colors	Black
Frequency Response	20 Hz – 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Protections	Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection

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