



ENG • ESP

GA46 / GA43 / GA41 4-ch Power Amplifiers with DSP

GA46

1500 W 4-ch switching mode
Power amplifier with DSP



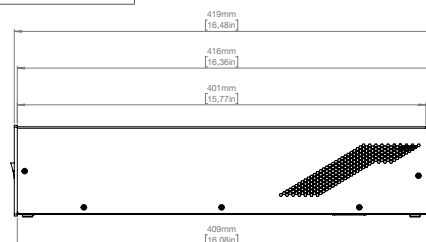
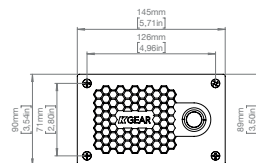
Compact 4-ch high efficiency switching mode Class D amplifier featuring Powersoft DSP and amp module.

The built-in DSP provides fine tuning and remote control capabilities through the Armonia™ control software.

Designed for high performance applications both for rental and permanent installations such as touring, large auditoriums, stadiums, theme parks and clubs.

Thanks to the modular design, 3 amplifier elements can fit into 2 rack units with a dedicated adapter.

Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 1500 W _{peak} @ 4 Ω 4x 1500 W _{peak} @ 70V lines 4x 1500 W _{peak} @ 100 V lines (-2 dB max level)
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2.5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
DSP Features Remote control and tuning, Input and Output Delay Parametric input EQ, Output parametric filters
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Volume potentiometer, Preset selector, Remote control through Powersoft ArmoniaPlus Software
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)



GA43

750 W 4-ch switching mode
Power amplifier with DSP

Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 750 W _{peak} @ 4 Ω 2x 1500 W _{peak} @ 70/100 V lines
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2.5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
DSP Features Remote control and tuning, Input and Output Delay Parametric input EQ, Output parametric filters
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Volume potentiometer, Preset selector, Remote control through Powersoft ArmoniaPlus Software
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)

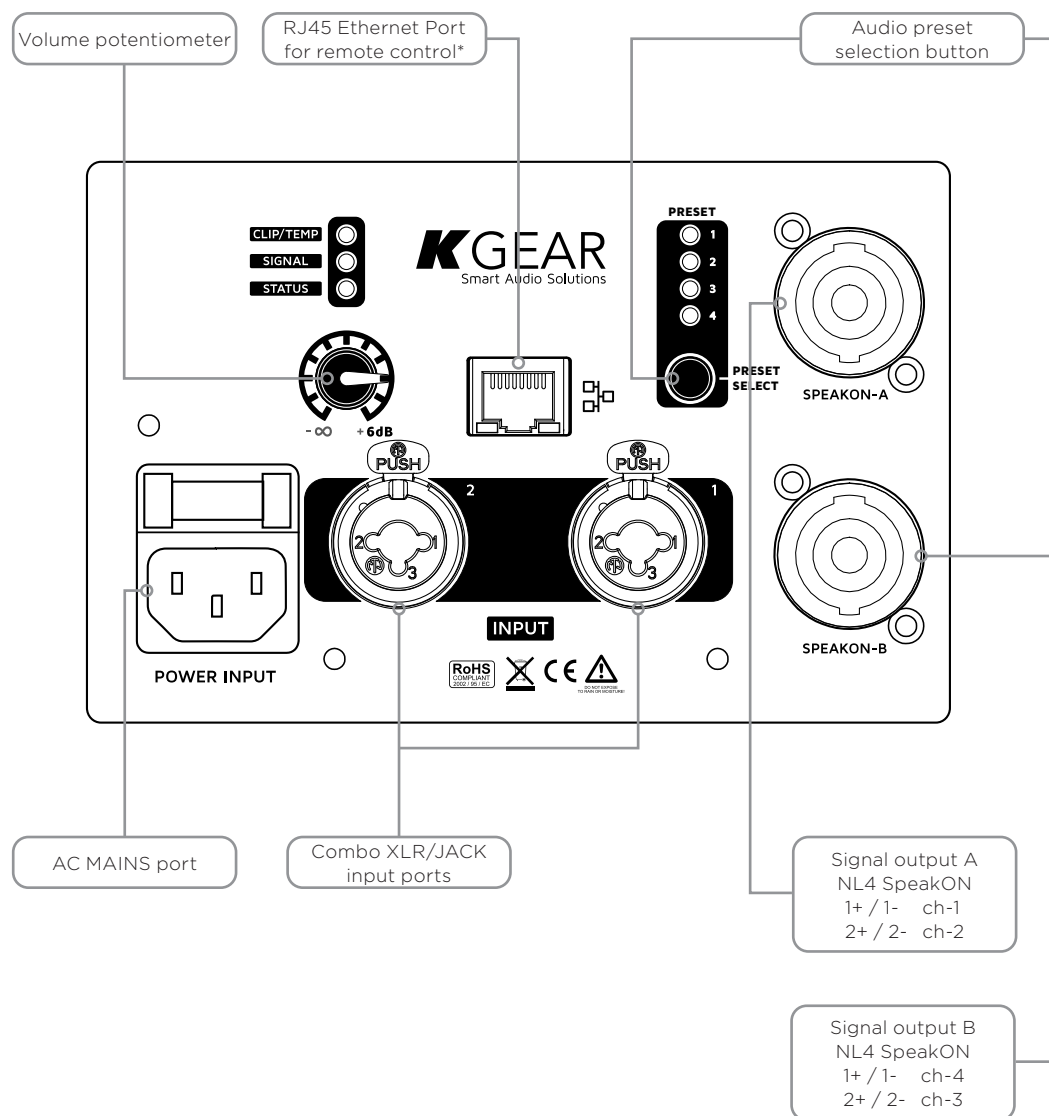
GA41

150 W 4-ch switching mode
Power amplifier with DSP

Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 150 W _{peak} @ 4 Ω
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz
Power Consumption 2,2 A @ 100 V _{AC} , 1 A @ 240 V _{AC} , 110 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
DSP Features Remote control and tuning, Input and Output Delay Parametric input EQ, Output parametric filters
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Volume potentiometer, Preset selector, Remote control through Powersoft ArmoniaPlus Software
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 2,6 kg (5.7 lb)



Rear panel



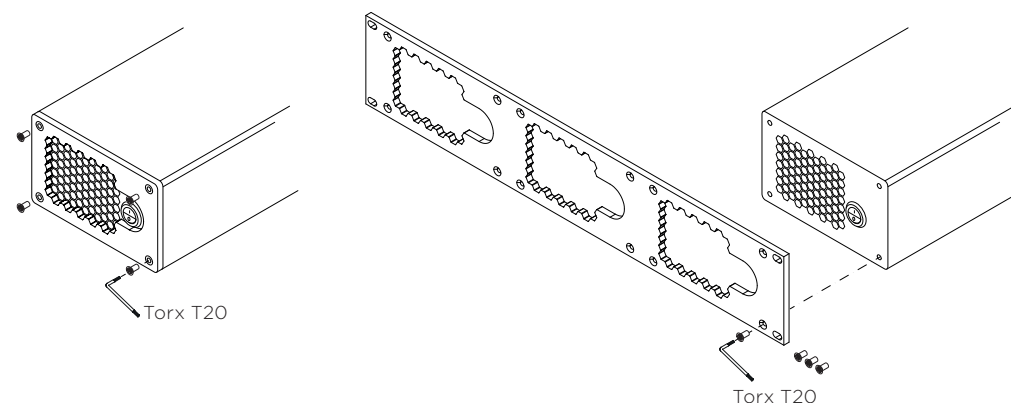
Preset and Remote Control

#	Preset Name
1	FLAT
2	4xHPF150Hz
3	4xLPF150Hz
4	2xHPF150Hz+2xLPF150Hz
Default	FLAT

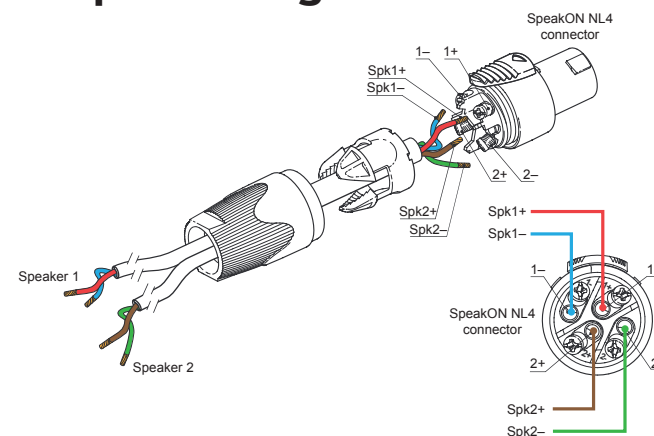
*ArmoniaPlus is the software for fine tuning and monitoring the GP18A loudspeakers system. Download ArmoniaPlus from Powersoft website:
<https://www.powersoft.com/en/software/armoniaplus-2-0>



Rack Mount Accessory



Output Wirings



GA46L / GA43L / GA41L 4-ch Power Amplifiers



GA46L

1500 W 4-ch switching mode
Power amplifier

Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 1500 W _{peak} @ 4 Ω 4x 1500 W _{peak} @ 70V lines 4x 1500 W _{peak} @ 100 V lines (-2 dB max level)
Minimum Impedance 4 Ω
Frequency Response 20 Hz – 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2,5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
Connectors 4x XLR balanced Input 2x NL4 SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)

GA43L

750 W 4-ch switching mode
Power amplifier

Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 750 W _{peak} @ 4 Ω 2x 1500 W _{peak} @ 70/100 V lines
Minimum Impedance 4 Ω
Frequency Response 20 Hz – 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2,5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
Connectors 4x XLR balanced Input 2x NL4 SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)

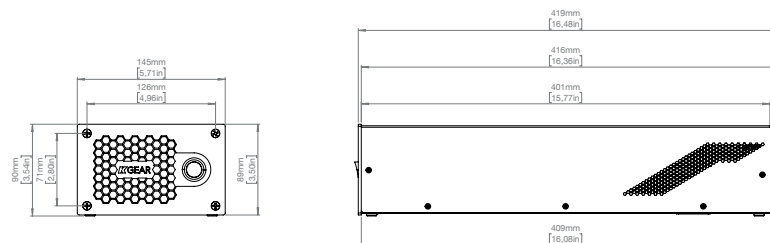
GA41L

150 W 4-ch switching mode
Power amplifier

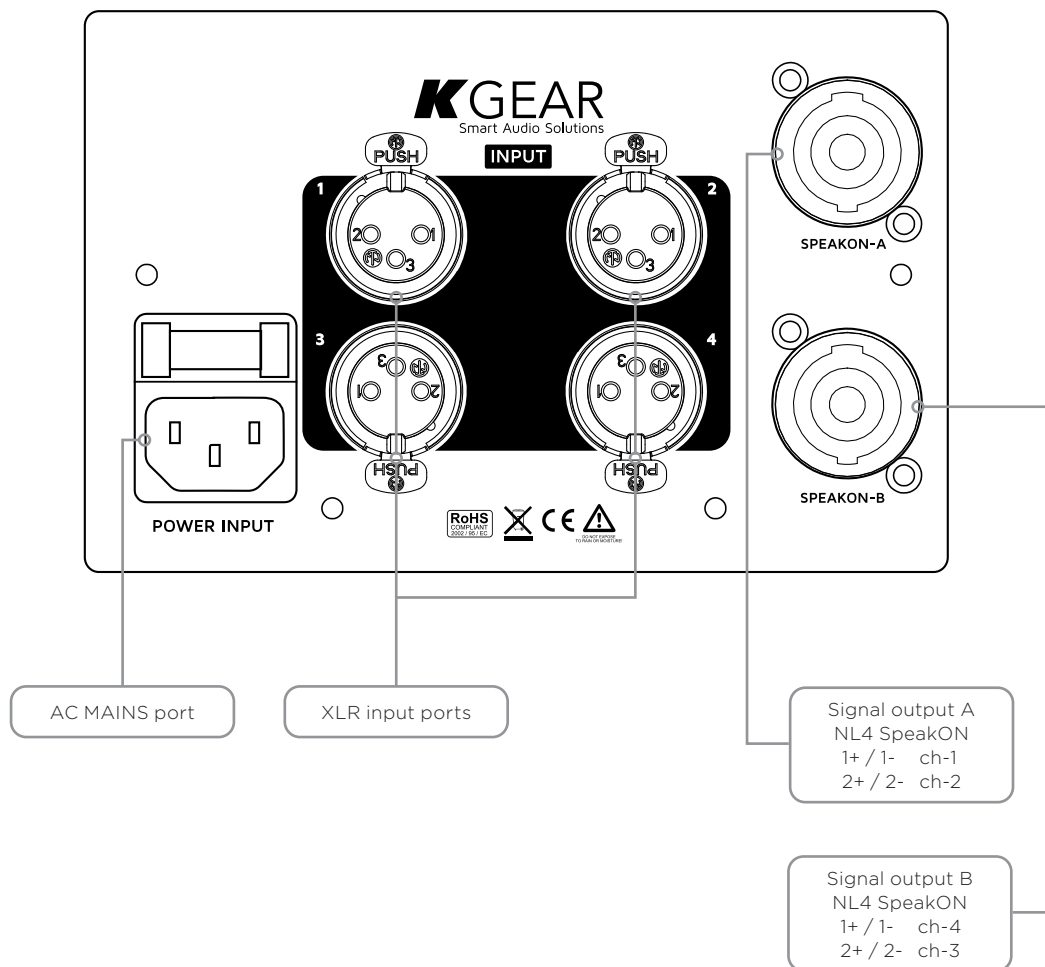
Technical specifications
Type 4-ch Class D power amplifier
Output Power 4x 150 W _{peak} @ 4 Ω
Minimum Impedance 4 Ω
Frequency Response 20 Hz – 20 kHz
Power Consumption 2,2 A @ 100 V _{AC} , 1 A @ 240 V _{AC} , 110 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Thermal protections (power limiting - thermal shutdown), short-circuit overload output protections, stationary high frequency protection
Connectors 4x XLR balanced Input 2x NL4 SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 2,6 kg (5.7 lb)

Compact 4-ch high efficiency switching mode Class D amplifier featuring Powersoft power module.

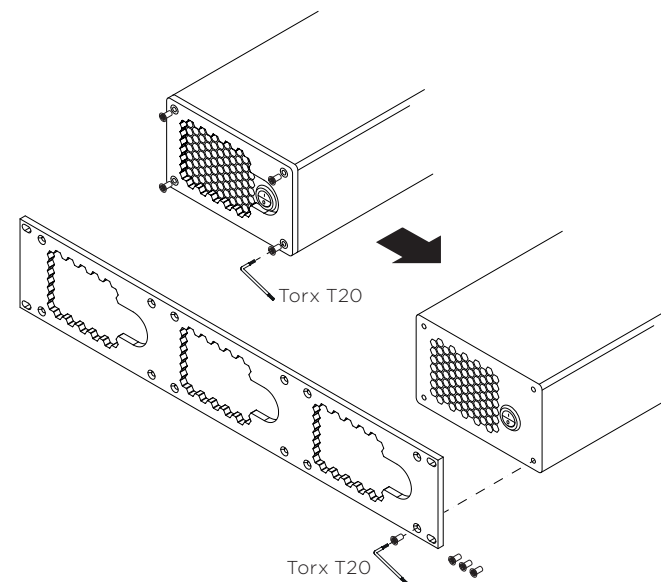
Designed for high performance applications both for rental and permanent installations such as touring, large auditoriums, stadiums, theme parks and clubs. Thanks to the modular design, 3 amplifier elements can fit into 2 rack units with a dedicated adapter.



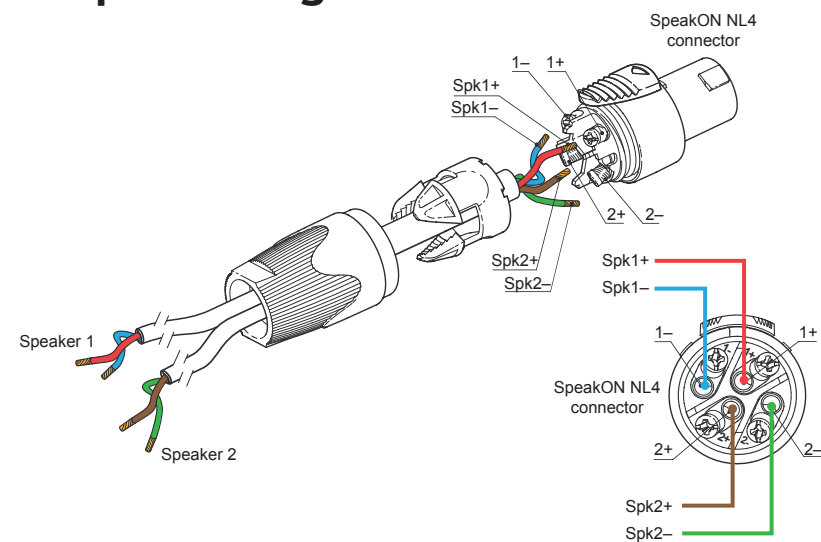
Rear panel



Rack Mount Accessory



Output Wirings



GA46 / GA43 / GA41 4-ch Amplificadores de potencia con DSP

GA46

**1500 W 4-ch switching mode
Amplificador de potencia con DSP**

Especificaciones técnicas
Type 4-ch Class D power amplifier
Output Power 4x 1500 W _{peak} @ 4 Ω 4x 1500 W _{peak} @ 70V lines 4x 1500 W _{peak} @ 100 V lines (-2 dB max level)
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2.5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Protecciones térmicas (limitación de potencia - desconexión térmica), protecciones de salida contra sobrecarga por cortocircuito, protección estacionaria de alta frecuencia
DSP Features Control remoto y sintonización, Retardo de entrada y salida EQ paramétrica de entrada, Filtros paramétricos de salida
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Potenciómetro de volumen, Selector de presintonías, Control remoto control a través del software Powersoft ArmoniaPlus
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)

GA43

**750 W 4-ch switching mode
Amplificador de potencia con DSP**

Especificaciones técnicas
Type 4-ch Class D power amplifier
Output Power 4x 750 W _{peak} @ 4 Ω 2x 1500 W _{peak} @ 70/100 V lines
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz (150 Hz High-Pass filter for 70/100V lines suggested)
Power Consumption 6 A @ 100 V _{AC} , 2.5 A @ 240 V _{AC} , 600 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Protecciones térmicas (limitación de potencia - desconexión térmica), protecciones de salida contra sobrecarga por cortocircuito, protección estacionaria de alta frecuencia
DSP Features Control remoto y sintonización, Retardo de entrada y salida EQ paramétrica de entrada, Filtros paramétricos de salida
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Potenciómetro de volumen, Selector de presintonías, Control remoto control a través del software Powersoft ArmoniaPlus
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 3,6 kg (7.94 lb)

GA41

**150 W 4-ch switching mode
Amplificador de potencia con DSP**

Especificaciones técnicas
Type 4-ch Class D power amplifier
Output Power 4x 150 W _{peak} @ 4 Ω
Minimum Impedance 4 Ω
Frequency Response 20 Hz - 20 kHz
Power Consumption 2,2 A @ 100 V _{AC} , 1 A @ 240 V _{AC} , 110 W
Operating Voltage 100-240V AC, 50-60 Hz
Protections Protecciones térmicas (limitación de potencia - desconexión térmica), protecciones de salida contra sobrecarga por cortocircuito, protección estacionaria de alta frecuencia
DSP Features Control remoto y sintonización, Retardo de entrada y salida EQ paramétrica de entrada, Filtros paramétricos de salida
Connectors RJ45 for remote control 2x Combo XLR Input 2x SpeakON Output 1x VDE (IEC C13) AC MAINS inlet
Local and Remote Controls Potenciómetro de volumen, Selector de presintonías, Control remoto control a través del software Powersoft ArmoniaPlus
Handling & Finishes
Dimensions (WxLxH) 145 x 90 x 418 mm (5.7 x 3.54 x 16.5 in)
Weight 2,6 kg (5.7 lb)

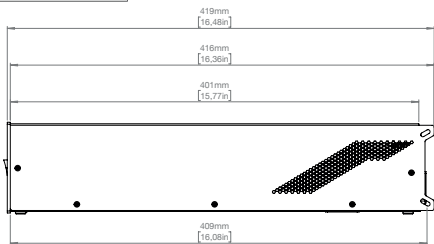
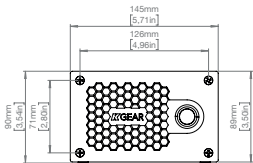


Amplificador compacto de 4 canales de alta eficiencia en modo conmutado de clase D que incorpora DSP Powersoft y módulo de amplificación.

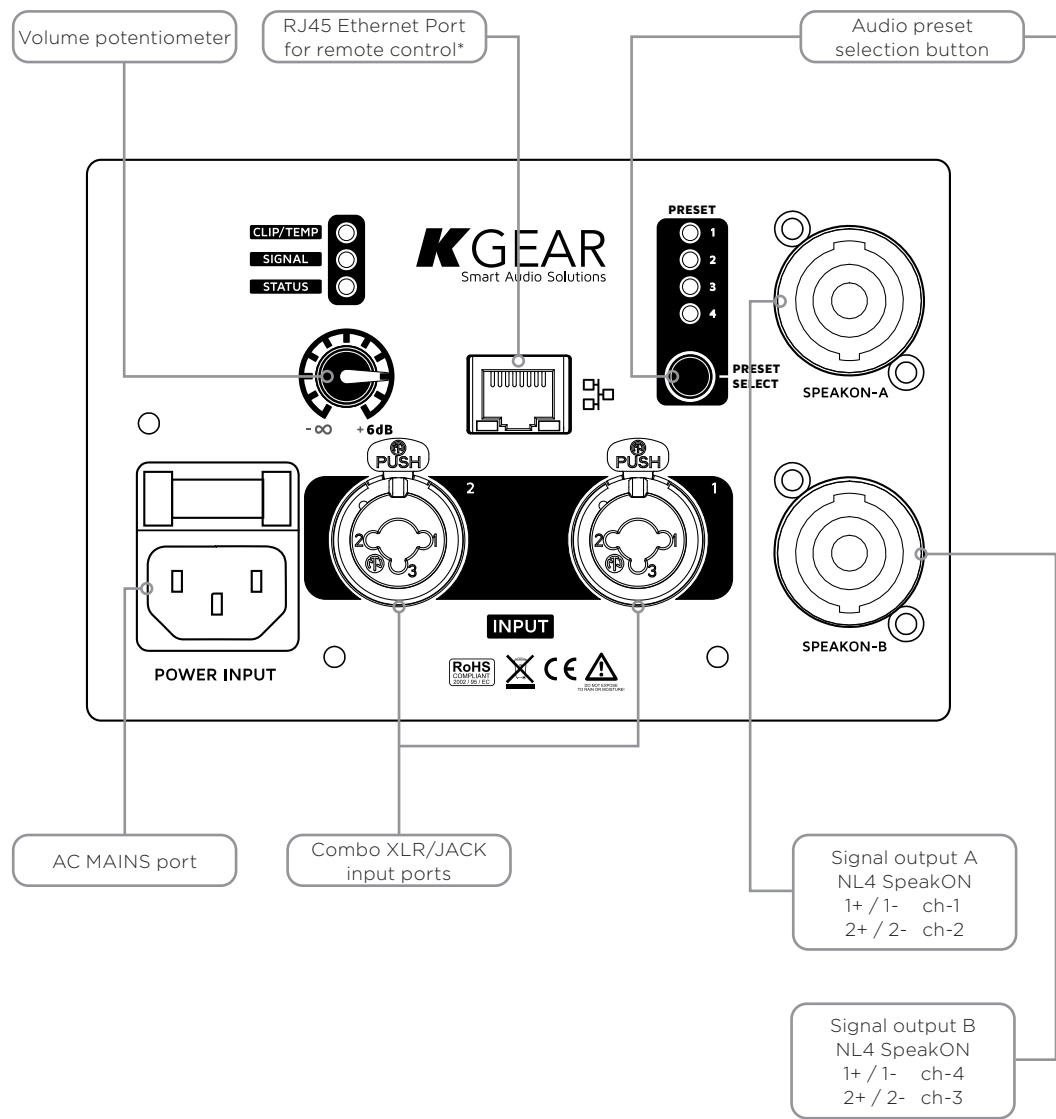
El DSP incorporado proporciona capacidades de sintonización fina y control remoto a través del software de control Armonia™.

Diseñado para aplicaciones de alto rendimiento tanto para alquiler como para instalaciones permanentes como giras, grandes auditorios, estadios, parques temáticos y discotecas.

Gracias a su diseño modular, 3 elementos de amplificación caben en 2 unidades de rack con un adaptador específico.



Rear panel



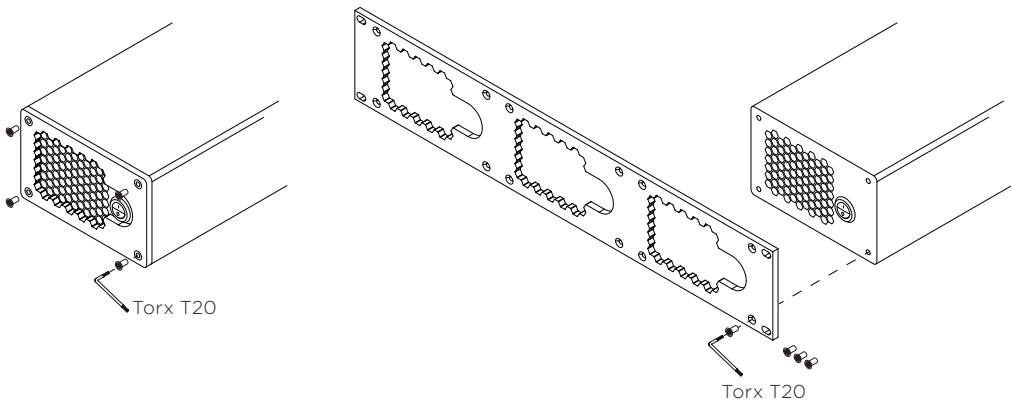
Preset and Remote Control

#	Preset Name
1	FLAT
2	4xHPF150Hz
3	4xLPF150Hz
4	2xHPF150Hz+2xLPF150Hz
Default	FLAT

*ArmoniaPlus is the software for fine tuning and monitoring the GP18A loudspeakers system. Download ArmoniaPlus from Powersoft website: <https://www.powersoft.com/en/software/armoniaplus-2-0>



Rack Mount Accessory



Output Wirings

