

GS218 - GS218A

Dual 18" subwoofer — passive or active with onboard DSP



The KGEAR GS218 is a heavy-duty subwoofer featuring two high-excursion 18" ferrite magnet woofers, designed to deliver powerful and extended low-frequency reproduction. With a frequency response from 30 Hz to 150 Hz and high output capability, the GS218 is ideal for professional sound reinforcement applications.

Available in both passive and powered versions, the GS218 offers flexible integration into a wide range of audio systems. The passive model features a nominal impedance

of 4 Ω and dual SpeakON NL4 connectors for reliable and professional connectivity. The powered version integrates a 4-channel Class-D amplifier delivering up to 4 $\times$ 1500 W at 4 Ω , with advanced DSP processing and comprehensive protection systems to ensure optimal performance and system reliability. This rugged subwoofer is designed for high-performance indoor applications, suitable for permanent installations, touring and rental systems, and ideal for live events, clubs, auditoriums, stadiums and theme parks.

GS218

2x 18" Passive subwoofer

Technical specifications
Type
Passive Subwoofer
Transducers
2 X 18" ferrite magnet woofer
Frequency Response ¹
30 Hz - 150 Hz (-6 dB)
Max SPL ²
138 dB (peak)
Coverage
Omni
Connectors
2x SpeakON NL4
Nominal Impedance
4 Ω
Dimensions (WxHxD)
1035 x 614 x 600mm (40.75 x 24.17 x 23.6 in)
Weight
58 kg (127.86 lbs)
Material
Eucalyptus Plywood
Finishes
Black
IP Rating
IP43

1 With dedicated preset.

2 Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 1 m.

GS218A

2x 18" Active subwoofer with Class D amplifier 4x1500W @ 4 Ω Built-in DSP

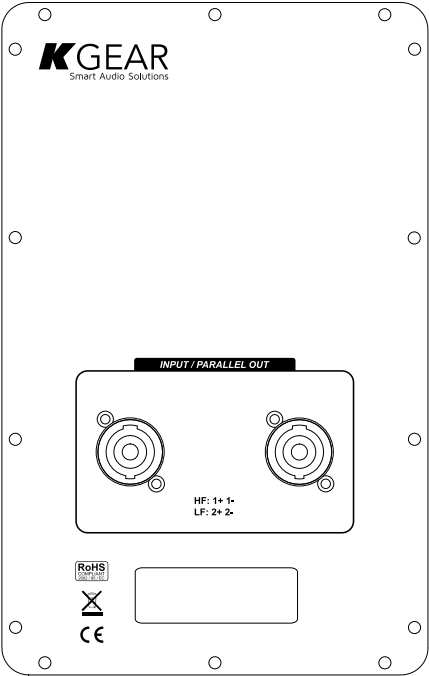
Technical specifications
Type
Powered Subwoofer
Transducers
2x 18" ferrite magnet woofer
Frequency Response ¹
35 Hz - 150 Hz (-6 dB)
Max SPL ²
138 dB (peak)
Coverage
Omni
Amp Module
4-channel Class-D
Output Power
4x 1500 W @ 4 Ω
Operating Voltage
100-240V AC, 50-60 Hz
Power Consumption
500W Rated Load, (1/8 Max Output Power)
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 PowerCon True AC MAINS
Controls
Volume potentiometer
Preset selector
Remote control through Powersoft ArmoniaPlus
Dimensions (WxHxD)
1035 x 614 x 600 mm (40.75 x 24.17 x 23.6 in)
Weight
59 kg (130 lb)

1 With dedicated preset.

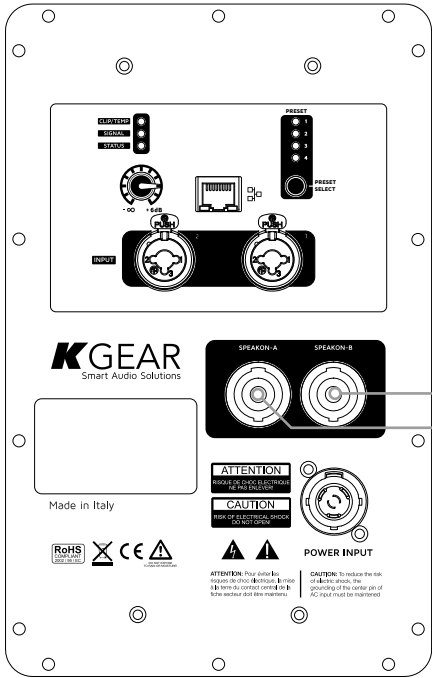
2 Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 1 m.

GS218

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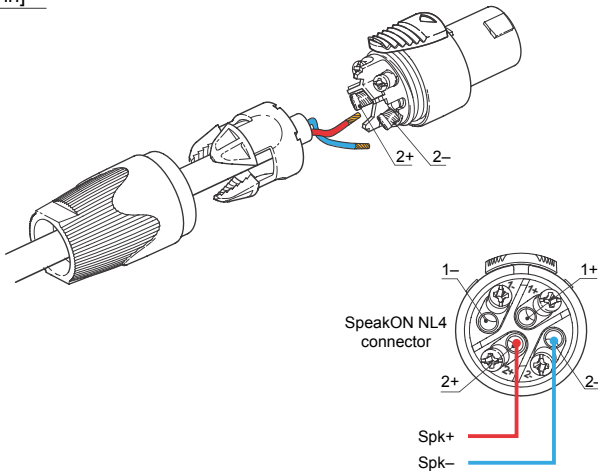
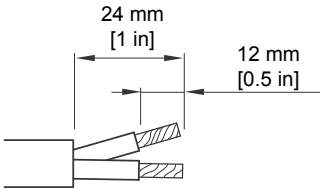
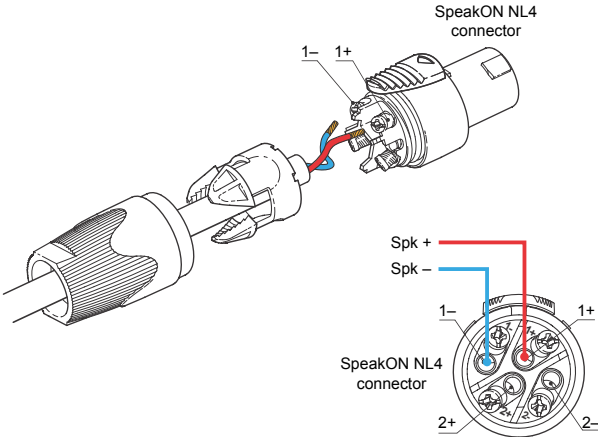


Connector	Terminals	Transducer
SpeakON A	+1 -1	satellites
	+2 -2	subwoofers
SpeakON B	+1 -1	satellites
	+2 -2	subwoofers



Presets on board

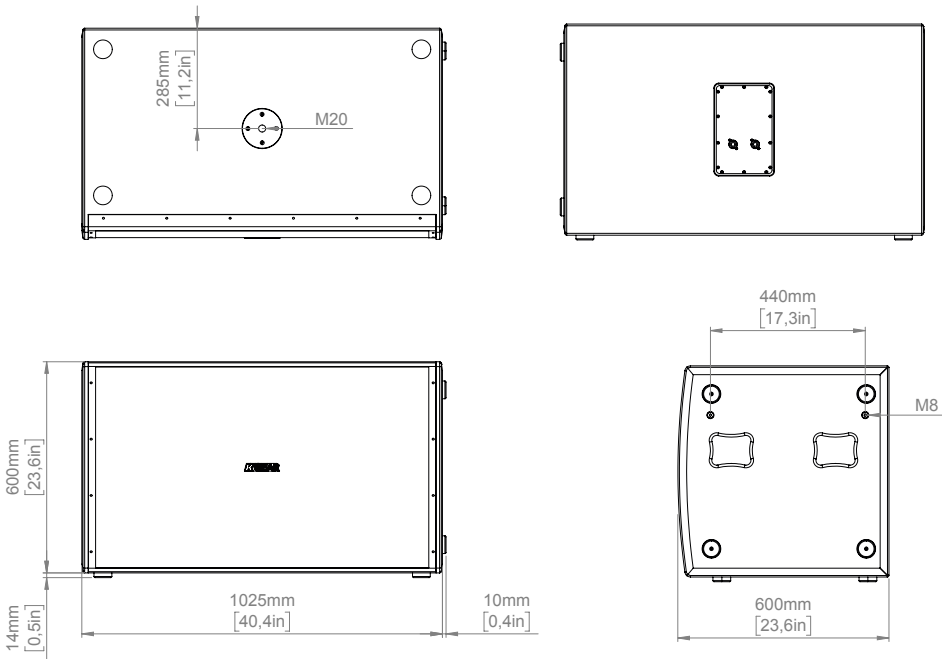
#	Preset Name
1	G2S18 + GH4 (locked)
2	G2S18 + GH12 (locked)
3	G2S18 + GH412 (locked)
4	G2S18 + Hi Pass @ 130Hz Editable preset by the user



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

Mechanical Drawings

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