

# LAs418G

## Double Bass Ground Stack Reflex Subwoofer



- Ground Stack
- LAs418 lighter version
- Dual very long excursion 18" bass reflex design
- High maximum pressure
- High dynamic and extended response

### OVERVIEW

Housing two long excursion and very high power 18" drivers, this Subwoofer has been designed to offer ultra-low frequencies at a very high SPL delivering magnificent precision and punch at incredible pressure levels.

The cabinet volume with optimized port tuning - featuring extremely high peak-to peak excursion capability - is capable of delivering true sub performance down to 24Hz at -10dB. Providing low frequency resolution and a maximum SPL of 143.8dB in a 90kg, front loaded, bass reflex enclosure and measuring 516mm x 920mm x 1030mm (HxDxW), the subwoofer incorporates eight handles.

Housed within a multi-laminate birch plywood enclosure and finished in textured black semi-matte coating, the LAs418G can be deployed in either standard or cardioid configuration using the parallel wired Neutrik NL4 connector on the front of the Subwoofer.

### TECHNICAL SPECIFICATIONS

<b>Technical Data</b>	
Speaker Type:	Passive Very High Power Reflex Subwoofer
<b>Acoustical Data</b>	
Frequency Response (-6dB):	28Hz - 250Hz
Low Frequency Extension (-10dB):	24Hz
Sensitivity (1W@1m):	109dB (Half-space)
Calculated Max. SPL (Cont/Peak):	143.8dB/149.8dB (Half-space)
<b>Drivers</b>	
Loudspeakers:	2 x 18" (460mm)/4.5" (116mm) VC, very high excursion, B&C custom speaker
<b>Electrical Data</b>	
Program/Peak Power:	6000W/12000W (10ms)
Nominal Impedance:	2 x 8 (also available: 2 x 4)
Recommended Amplifier:	LA RACK
Recommended Amplifier:	MA3800, MA6000, MD14000
Crossover frequency/Type:	80Hz to 180Hz / 24dB/oct Linkwitz/Riley (recommended)
Recommended High-Pass Filter:	28Hz, 18dB/oct Butterworth
Connectors:	2 x Neutrik NL4 on back 1 Neutrik NL4 on front, parallel wired
<b>Enclosure</b>	
Construction:	Heavily braced, 18mm multi-laminate birch ply
Finish:	Textured black semi-matte coating
Protective grill:	Black perforated steel
Fittings:	16 x M8 threaded inserts for optional wheel kit, 8 replaceable feet
Handles:	4 on each side
Dimensions (WxHxD):	1030 x 516 x 920 mm
Net Weight:	90 kg
Shipping Weight:	96.8 kg