

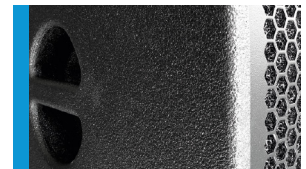
Bass Extension - digitally powered **G Sub 1201 dp+**



Compact high-powered 12" subwoofer with two integrated DSP controlled amplifiers. Four different presets and volume settings are available to cater for a wide range of applications. The second amplifier can be used to drive a high-mid or full range system, or a passive subwoofer. Easy handling, an exclusive and modern design and the deep bass reproduction make this a perfect choice for demanding applications.

PRODUCT SPECIFICATIONS

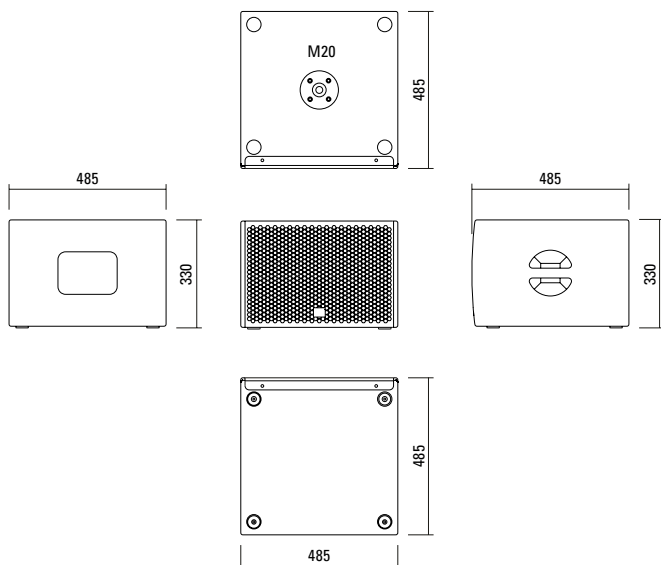
Speaker Components	12" Nd
Description	Digitally Powered Bass Extension
Amp Power	500 W AES (single Mode) / 110-230 V 800 W AES (dual Mode) / 110-230 V 800 W AES / 4 Ω - HiMid/Sub
Rated Current	2,0 A @ 230 V
SPL Peak @ 1 m	131 dB
Max. Input Signal	25 dBu
DSP	HDLM FPGA Processing 32 bit floating point
AD / DA	24 bit / 96 kHz
Latency	0.8 ms (analog in to analog out)
Usable Range - 6 dB	38 Hz - 220 Hz (- 6 dB)
Tuning Frequency excursion minimum	47 Hz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out 2x Neutrik Speakon NL4MP out
Handles	2 x
Rigging / Fittings	M20 on top
Weight	18 kg
Size height x width x depth	33,0 x 48,5 x 48,5 cm
Order No.	00610/dp+



Comfortable handles for easy transport.

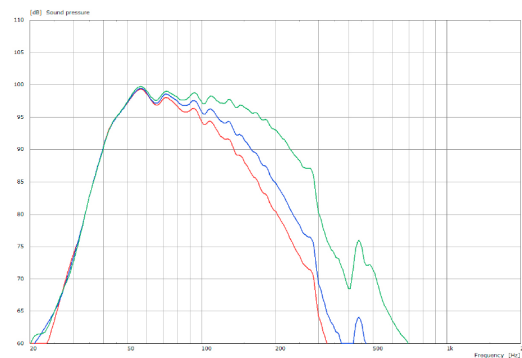


DIMENSIONS

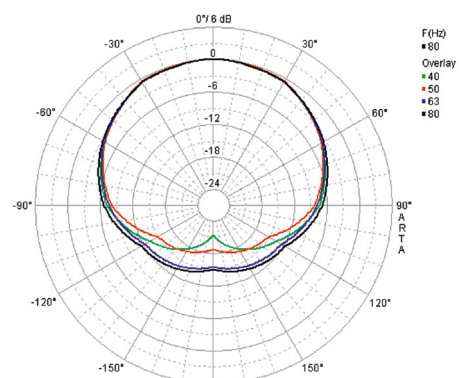


MEASUREMENTS

Frequency Response with Presets



Cardioid - Polar Diagram



APPLICATIONS



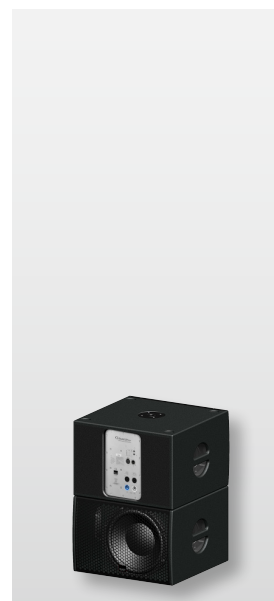
G Sub 1201 dp+ / GL 16i



G Sub 1201 dp+ / L 16j



G Sub 1201 dp+ / TSM 8



G Sub 1201 dp+ / G Sub 1201 (n.h.)
Cardioid set-up.

The G Sub 1201 dp+ features integrated digital amplifier electronics with a DSP controller. Various factory-configured presets and volume settings can be selected.

High-grade electronic components from the industrial sector and a first-class circuit design ensure excellent audio quality

with low distortion and a minimal noise floor. Highly efficient and "intelligent" limiter systems ensure optimum protection against overload, without restricting the possibilities offered by this high-performance sound system.

Level
Adjustment in 3 dB steps
(-6 dB to +3 dB).

Status

Mute LED

Red light when the system is muted or under technically critical conditions.

Limit LED

Yellow light when the limiter is restricting the level.

Signal LED

Green light when the input signal exceeds -20 dBu

Power LED

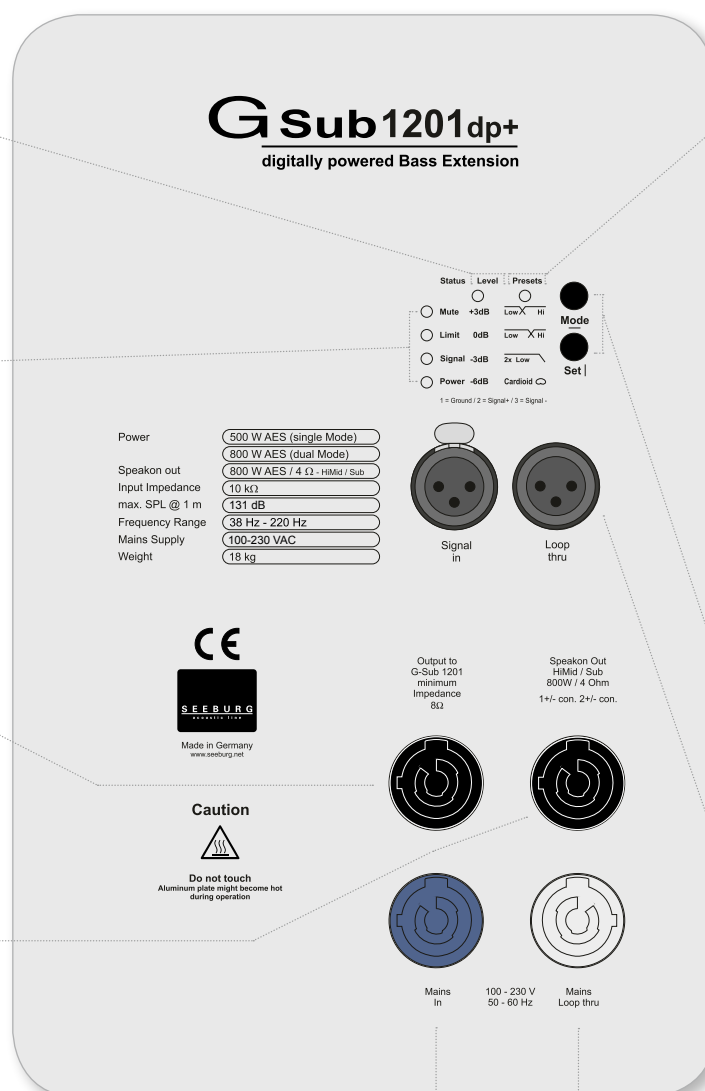
Green light when the system is switched on.

Speakon NL4MP

Parallel output connector for a passive G Sub 1201 with an 8 Ω impedance (2+/-). The mid-high signal from the separate output is also present here on pins 1 +/- (compatible with our system cabling.)

Speakon NL4MP

Connector for passive tops or subs or both on the second amplifier channel.
(pins 1 +/- top and 2 +/- sub).



Presets

Low/Hi

2-way active preset with a 120 Hz crossover frequency. Suitable for use with larger passive top cabinets.

Low/Hi

2-way active preset with a 160 Hz crossover frequency. Suitable for use with compact passive top cabinets.

2 x Low

Subwoofer mode without tops with a 120 Hz crossover frequency. An additional passive subwoofer can be connected to the right hand Speakon socket.
Power rating: 800 Watt / 4 Ω .

Cardioid mode

For directional bass reproduction in conjunction with one or two additional G Sub 1201 or G Sub 1201 dp+ systems. This mode is applied only to the rear-facing sub. The level reduction to the rear can, depending on the actual physical setup and the frequency, be up to 20 dB.

Mode - key

Switches between control modes Status, Level and Presets.

Set - key

Setting of various values and Mute on / off.

XLR

Symmetrical analog input, max. Input +25 dBu.
Effective filter protection against HF interference and DC Voltages.
Virtual ground lift.

PowerCon (blue)

Power supply
~ 100-230 VAC

PowerCon (grey)

~100-230 VAC / 16A max.
loop through connector

ACCESSORIES G Sub 1201 dp+

MultiRigg™ light



version for fixed installations,
for horizontal and vertical alignment,
incl. accessories (2 x M10 x 20 socket
head screws), max. load 50 kg

Order No. **01362**

Speaker Pole

M20, with wind up, K&M

Order No. **03023**



M20, adjustable, K&M

Order No. **03022**



Ceiling Mount

for Subwoofer, 2 parts,
incl. screws

Order No. **08129**

Order No. **08129/w** (RAL 9010)



Cover

for G Sub 1201, padded

Order No. **01237**



Hybrid Cable System

PowerCon-PowerCon / XLR-XLR

2,5 m Order No. **08462**

5 m Order No. **08464**

10 m Order No. **08466**

15 m Order No. **08468**

