

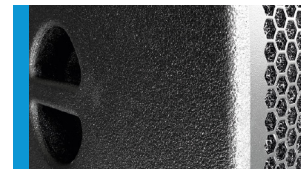
# Bass Extension - digitally powered **G Sub 1201 dp++**



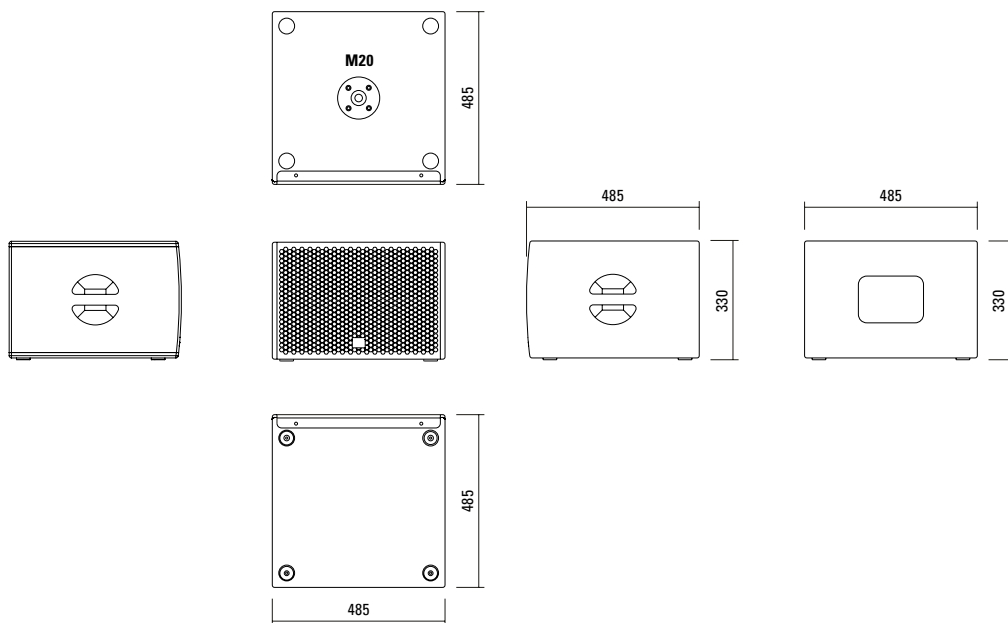
The G Sub 1201 dp++ is a 12" high-power subwoofer featuring 3-channel DSP electronics, and two signal inputs. The DSP offers a choice of four application-oriented presets and level compensations. Two supplementary integrated amplifiers are available to drive Hi-Mid or fullrange systems. The low-profile cabinet and modern design coupled with high power handling capacity make this system interesting für applications requiring pacticu- larly unobtrusive installation without com- promising the precise bass reproduction.

## PRODUCT SPECIFICATIONS

<b>Speaker Components</b>	12" Nd (3" VC)
<b>Description</b>	Digitally Powered Bass Extension
<b>Amp Power</b>	500 W AES (single mode) / 110-230V 1000 W AES (dual mode) / 110-230V 2 x 500 W AES / 4 $\Omega$ - HiMid
<b>Rated Current</b>	1,6 A @ 230 V
<b>SPL</b> Peak @ 1 m	131 dB
<b>Max. Input Signal</b>	25 dBu
<b>DSP</b>	HDLM FPGA Processing 32 bit floating point
<b>AD / DA</b>	24 bit / 96 kHz
<b>Latency</b>	0.8 ms (analog in to analog out)
<b>Usable Range</b>	38 Hz - 220 Hz (- 6 dB)
<b>Tuning Frequency</b> excursion minimum	47 Hz
<b>Connectors</b>	2 x Neutrik XLR in Neutrik PowerCon in 2 x Neutrik Speakon NL4MP out
<b>Handles</b>	2 x
<b>Rigging / Fittings</b>	M20 on top
<b>Weight</b>	17,5 kg
<b>Size</b> height x width x depth	33,0 x 48,5 x 48,5 cm
<b>Order No.</b>	<b>00610/dp++</b>



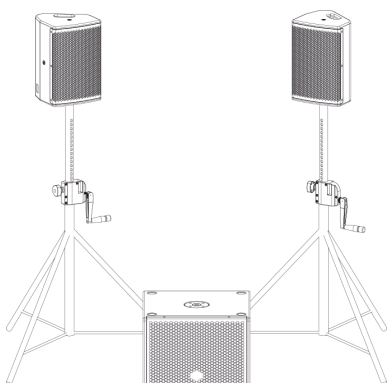
## DIMENSIONS



## APPLICATIONS

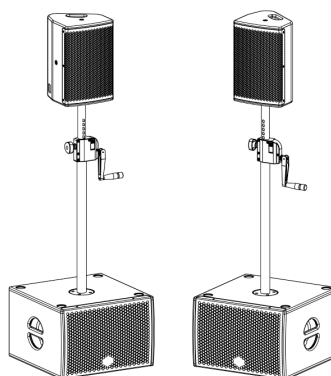
### Classical satellite system.

Sound system with a G Sub 1201 dp++ and two mid-hi systems (2 x 2 Stk. / 8  $\Omega$ ). Very compact transport volume, und adequate sub-woofer power for smaller events.



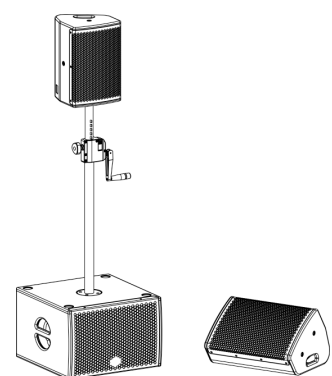
### Classical satellite system with a passive G Sub 1201.

The solution for increased power and reach in the bass range. The sub-woofers can be used as mounts for speaker poles for the mid-hi systems. 2 x 2 pcs. / 8  $\Omega$  mid-hi systems can be connected.



### Mono system with separate loudspeaker.

In AUX mode, the B channel can be used to drive a separate, independant loudspeaker. Possibilities include stage monitors or additional loudspeakers in the sound reinforcement system (e.g. near fills, under balcony speakers etc.) This variant also applies that an additional G Sub 1201 can be connected passively.



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 (-12 dB to +6 dB).

#### Status

##### Mute LED

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

##### Limit LED

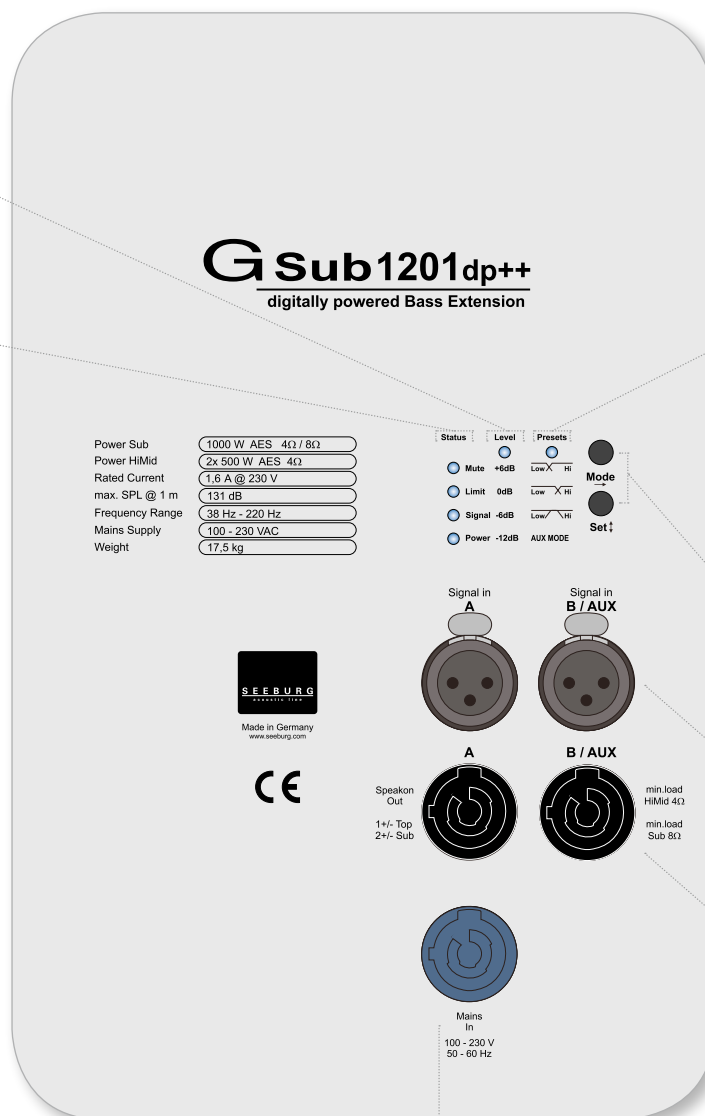
Yellow light when the limiter is restricting the level.

##### Signal LED

Green light when the input signal exceeds -20 dBu

##### Power LED

Green light when the system is switched on.



#### Presets

##### Low/Hi

2-way active preset with a 100 Hz. crossover frequency. Suitable for use with larger passive top cabinets

##### Low/Hi

2-way active preset with a 140 Hz crossover frequency. Suitable for use with compact passive top cabinets.

##### Low/Hi

2-way active preset with an overlap in the cross-over frequencies. This enables a frequency response with added emphasis in the low-mid range.

#### AUX MODE

The signal present at the B/AUX input is passed as a full-range signal through the second amplifier channel, and appears as a loudspeaker signal on the speakon connector B/AUX.

#### 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.

#### 2 x Speakon NL4MP

Pins 1+/- carry the hi-mid component of the A and B/AUX inputs respectively. Pins 2+/- carry the subwoofer signal, and can be used to drive a passive G-Sub 1201.

#### PowerCon (blue)

Spannungsversorgung  
~100-230 V

## ACCESSORIES G Sub 1201 dp++

### Wall Mount



max. load 40 kg, bar: 269 mm,  
incl. (M10 x 70 mm socket head  
screw, M10 hex lock nut and flat  
washer)

Order No. **08130/F269**

Order No. **08130/F269/w** (RAL 9010)

### Ceiling Mount



for Subwoofer,  
2 parts, incl. screws

Order No. **08129**

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

### 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**



### 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**

