

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



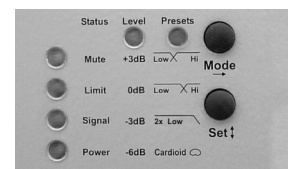
The G Sub 1201 dp+ is a particularly flat, high-performance 12" subwoofer with two integrated DSP-amplifiers. Four different presets and volume settings are available for adjustment to the application. The second amplifier can be used either for a HiMid speaker or for a second (passive) subwoofer. With its large footprint it can accommodate GL- and other HiMid systems using speaker poles without toppling over. Easy handling, an exclusive and modern design and its deep bass reproduction make it a perfect choice for demanding applications.

## PRODUCT SPECIFICATIONS

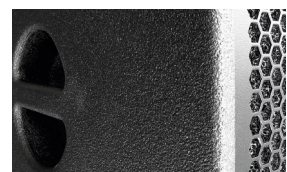
<b>Speaker Components</b>	12" ND Longcoil, Rubber Surround
<b>Description</b>	Digitally Powered Bass Extension
<b>Power</b>	2 x 1000 Watt EIAJ / 195 - 250 VAC
<b>Max Line Input</b>	+ 21 dBu
<b>DSP</b>	32 bit RISC
<b>Internal Signal Path</b>	32 bit fixed-point, 64 bit accumulator 64 bit IIR-coefficients
<b>AD / DA</b>	24 bit / 48 kHz
<b>Latency</b>	1.54 ms (analog in to analog out)
<b>SPL max</b>	126 dB
<b>Frequency Range</b>	38 Hz - 220 Hz
<b>Connectors</b>	Neutrik XLR in/out Neutrik Speakon out Neutrik PowerCon in/out
<b>Handles</b>	2 x 2D Handle
<b>Fittings</b>	M20 on top
<b>Weight</b>	22,0 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>



Rubber Surround for large excursion.

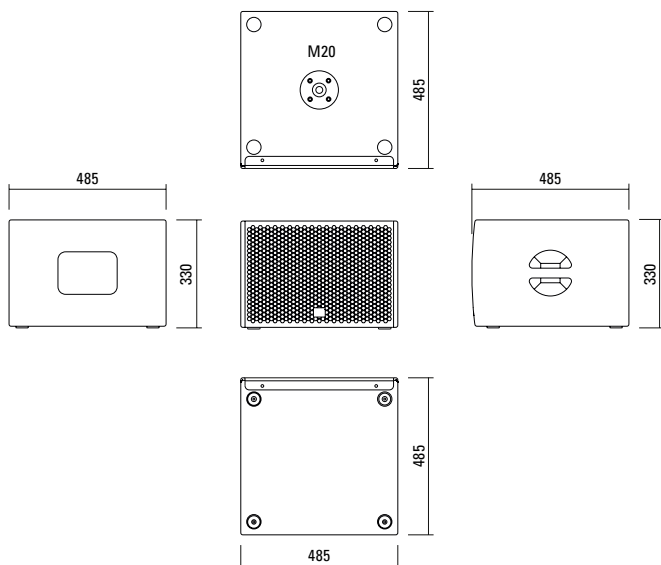


Control panel of the G Sub 1201 dp+.



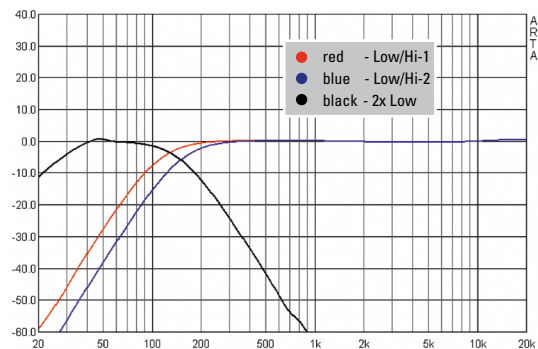
Comfortable handles for easy transport.

## DIMENSIONS

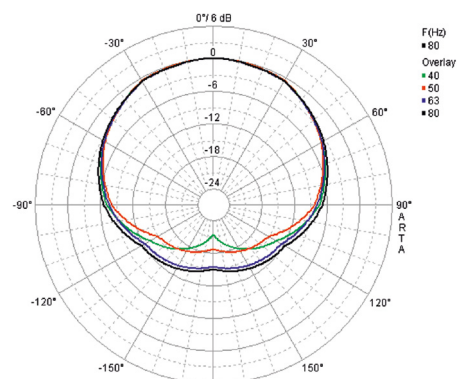


## MEASUREMENTS

### Presets - Frequency Response



### Cardioid - Polar Diagram



## APPLICATIONS



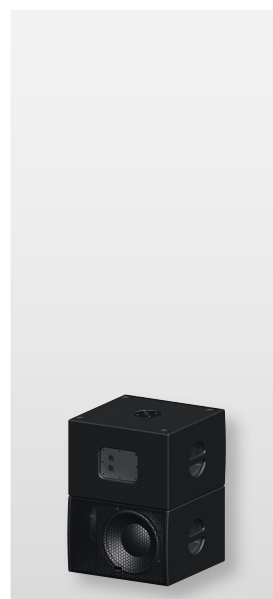
G Sub 1201 dp+ / GL 16i



G Sub 1201 dp+ / L 16j



G Sub 1201 dp+ / TSM 8



G Sub 1201 dp+ / G Sub 1201  
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 effectively minimise static noise. Highly efficient and “intelligent” limiter systems ensure optimum protection against overload, without restricting the possibilities offered by this high-performance sound system.

#### XLR

Symmetrical analog input  
Max. Input +21dBu  
HF- and DC-filter.  
Virtual ground lift.

#### Level

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

#### Mute LED

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

#### Limit LED

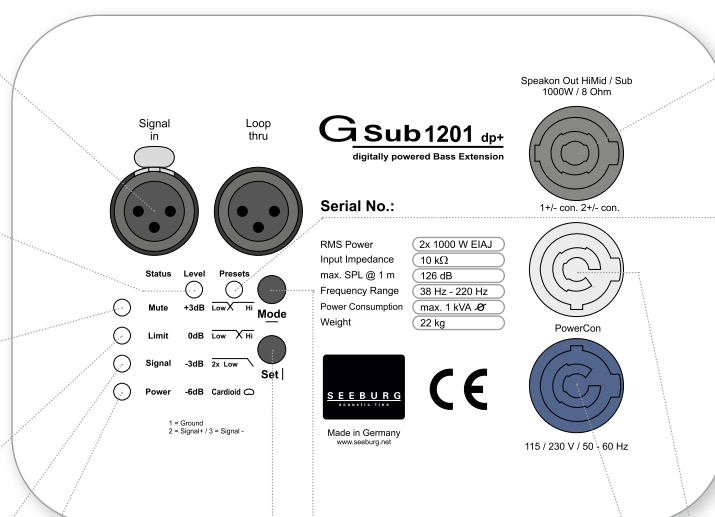
Yellow light when the limiter is restricting the level.

#### Signal LED

Green light when the input signal exceeds -20 dBu.

#### Power LED

Green light when the system is switched on.



#### Set - key

Setting of various values and Mute on / off.

#### Mode - key

Changing to control modes Status / Level and Presets.

#### Speakon NL4MP

Output of the second amplifier on Pin 1 +/- and 2 +/-

#### Presets

##### Low / Hi

2-way active preset with 120 Hz crossover frequency. For connection of a passive HiMid speaker (e.g. TSM 12).

##### Low / Hi

2-way active preset with 180 Hz crossover frequency. For connection of a passive HiMid speaker (e.g. TSM 10).

##### 2 x Low

Preset for use with a second (passive) subwoofer. 120 Hz crossover frequency.

#### Cardioidmode

Activates an allpass filter for directional dispersion when combined with a second subwoofer. For that purpose the G Sub 1201 needs to be aimed to the back. Depending on placement and frequency, the attenuation to the rear can be up to -20 dB.

#### PowerCon (grey)

230 VAC / 16 A max.  
loop thru connector

#### PowerCon (blue)

Power supply  
195-250 VAC

## ACCESSORIES G Sub 1201 dp+

### Speaker Pole

M20, adjustable, K&M

Order No. **03022**



### Speaker Pole

M20, with crank, K&M

Order No. **03023**



### Ceiling Mount

for Subwoofer

Order No. **08129**



### 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**



Ceiling Mount.