



The G Sub 1501 dp+ is a universal high-powered 15" subwoofer in a low-line cabinet with an integrated 2 channel amplifier and DSP controller. Four different presets and volume settings are available to cater for a wide range of applications. The low 40 cm height makes the G Sub 1501 dp+ easy to integrate into existing stage constructions. Excellent deep bass reproduction and exclusive, modern design in an easy to handle package make the G Sub 1501 dp+ a perfect choice for demanding applications.

PRODUCT SPECIFICATIONS

Speaker Components	15" Nd
Description	Digitally Powered Bass Extension
Amp Power	1500 W AES (single Mode) / 110-230 V 2400 W AES (dual Mode) / 110-230 V 700 W AES / 4 Ω - HiMid/Sub
Rated Current	5,0 A @ 230 V
SPL Peak @ 1 m	135 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	35 Hz - 180 Hz
Tuning Frequency excursion minimum	42 Hz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out 2 x Neutrik Speakon NL4MP out
Handles	2 x
Rigging / Fittings	M20 on top Wheelboard fittings
Weight	29,5 kg (+ 6,0 kg wheelboard)
Size height x width x depth	40,0 x 60,0 x 60,0 cm
Order No.	00620/dp+

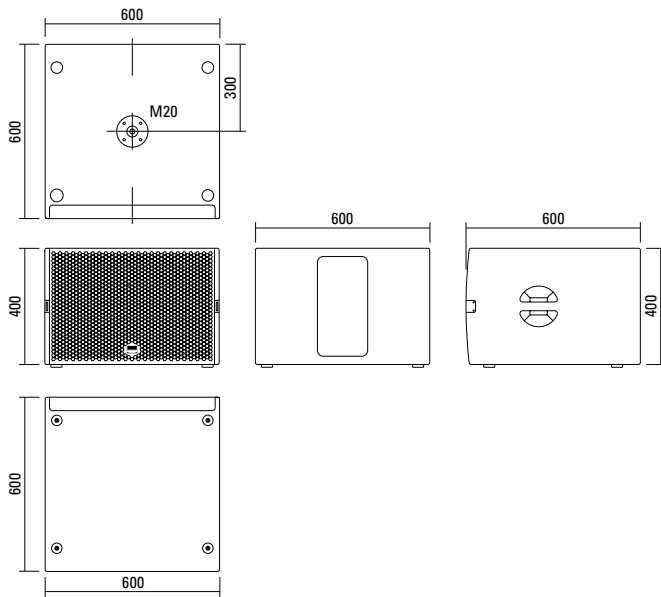


M20 flange on top.



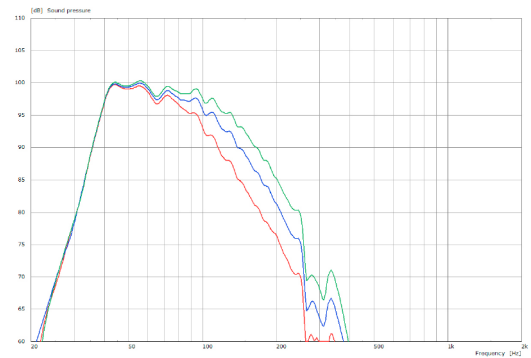
Connection panel.

DIMENSIONS

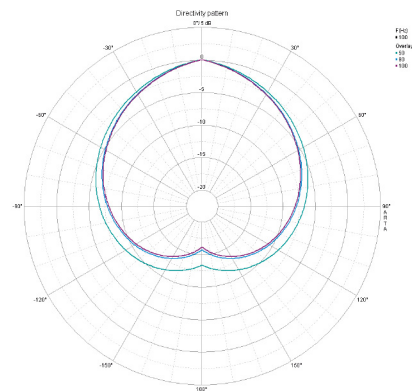


MEASUREMENTS

Frequency Response with Presets



Cardioid - Polar Diagram



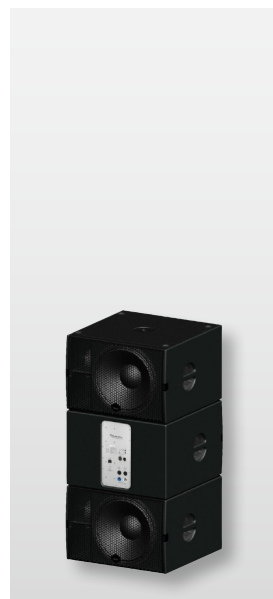
APPLICATIONS



**G Sub 1501 dp+ / G Sub 1501
GL24 xov**



**G Sub 1501 dp+ / G Sub 1501
K24 xov**



**2 x G Sub 1501 dp+ / G Sub 1501
Cardioid set-up.**

The G Sub 1501 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.

G Sub 1501 dp+ digitally powered Bass Extension

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.

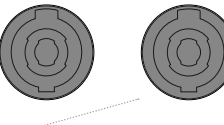
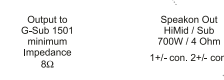
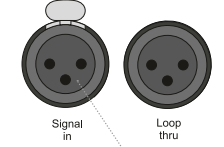
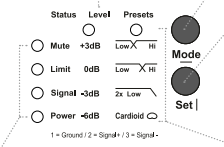
Limit LED
Yellow light when the limiter is restricting the level.

Signal LED
Green light when the input signal exceeds -20 dBu

Power LED
Green light when the system is switched on.

Serial No.:

Power	1500 W AES (single Mode)
	2400 W AES (dual Mode)
Speakon out	700 W AES / 4 Ω - HiMid / Sub
Input Impedance	10 kΩ
max. SPL @ 1 m	135 dB
Frequency Range	35 Hz - 180 Hz
Mains Supply	100 - 230 VAC
Weight	29.5 kg



Mode - key
Switches between control modes Status, Level and Presets.

Set - key
Setting of various values and Mute on / off.

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.

2 x Low
Subwoofer mode without tops with a 100 Hz crossover frequency. Up to two G Sub 1501 can be connected to the right hand Speakon socket. Power rating: 700 Watt / 4 Ω.

Cardioid mode
For directional bass reproduction in conjunction with one or two additional G Sub 1501 or G Sub 1501 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.

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

Speakon NL4MP
Parallel output connector for a passive G Sub 1501 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).

PowerCon (blue)
Power supply
~ 110-230 V / 16 A max.

PowerCon (grey)
~110-230 V / 16 A max.
loop through connector

ACCESSORIES G Sub 1501 dp+

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)



Wheel Board

for G Sub 1501,
stackable, 6 kg

Order No. **01267**



Cover

for G Sub 1501
without wheelboard

Order No. **01239**



Cover

for G Sub 1501
by using wheel board

Order No. **01239/WB**



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.



Wheel Board.