



The G Sub 1501 dp is a particularly low profile high performance subwoofer. Four different presets and volume settings are available to cater for a wide range of applications. With a 60 x 60 cm footprint, the G Sub 1501 dp provides a stable base for larger High Mid systems on a speaker pole. 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
Rated Current	3,8 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 Neutrik Speakon NL4MP out
Handles	2 x
Rigging / Fittings	M20 on top Wheelboard fittings
Weight	29,0 kg (+ 6,0 kg wheelboard)
Size height x width x depth	40,0 x 60,0 x 60,0 cm
Order No.	00620/dp

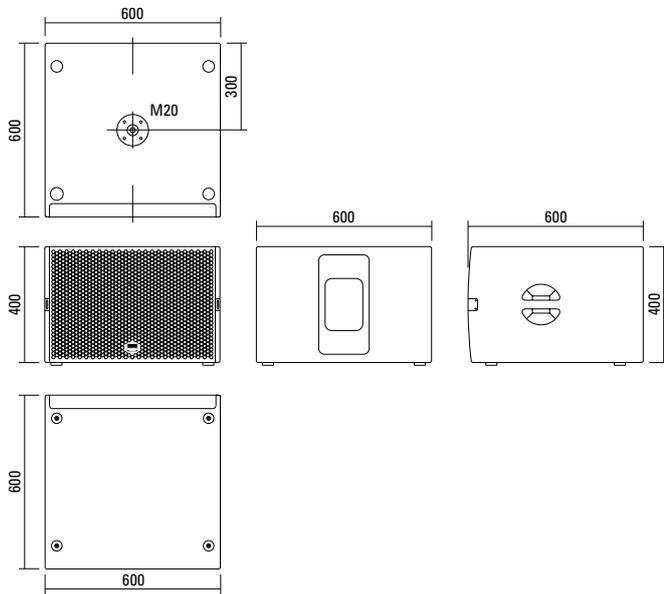


Fittings for wheel board.



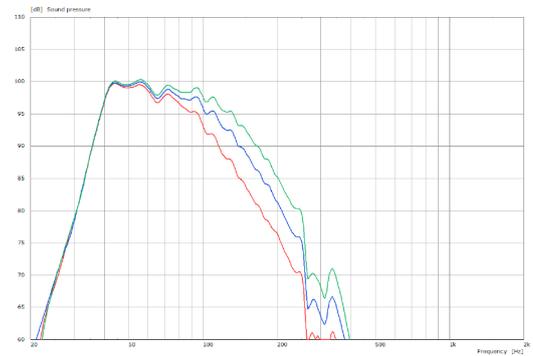
Connection panel.

DIMENSIONS

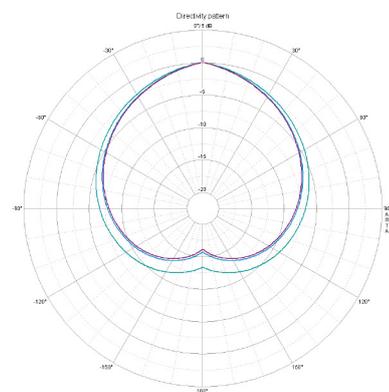


MEASUREMENTS

Frequency Response with Presets



Cardioid - Polar Diagram



APPLICATIONS



G Sub 1501 dp / GL 24



2 x G Sub 1501 dp / 2 x Galeo



4 x G Sub 1501 dp / K 24



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

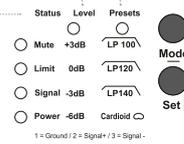
Green light when the input signal exceeds -20 dBu

Power LED

Green light when the system is switched on.

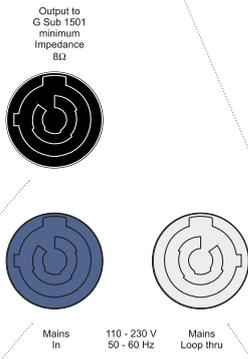
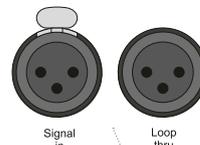
Serial No.:

Power	(1500 W AES (single Mode)) (2400 W AES (dual Mode))
Input Impedance	10 kΩ
max. SPL @ 1 m	135 dB
Frequency Range	35 Hz - 180 Hz
Mains Supply	100 - 230 VAC
Weight	29kg



Caution

Do not touch
Aluminum plate might become hot during operation



Presets

LP 100

Low Pass filter with 100 Hz cutoff frequency.

LP 120

Low Pass filter with 120 Hz cutoff frequency.

LP 140

Low Pass filter with 140 Hz cutoff frequency.

Cardioid mode

For directional bass reproduction in conjunction with an additional subwoofer. This mode is applied only to the rear-facing sub. The level reduction to the rear can be up to 20 dB, depending on the actual physical setup and the frequency.

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.

Speakon NL4MP

Parallel output connector for a passive G Sub 1501 with an 8 Ω impedance.

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 wheel board

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.