



The G Sub 1501 dp is a particularly low profile high performance subwoofer. 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. The integrated amplifier electronics are based on Class D power amplifiers, which are controlled via particularly low-noise FPGA DSP processing. Various factory-configured presets and volume settings can be called up. Remote monitoring and control is carried out via the Ethernet interface using SEEBURG Network Manager. Signal transmission (AoE) in accordance with the AES 67 standard is also possible.

PRODUCT SPECIFICATIONS

Speaker Components	15" Nd (4" VC)
Description	Digitally Powered Bass Extension
Amp Power	2400 W AES @ 4 Ω
Rated Current	3,8 A @ 230 V
SPL <small>Peak @ 1 m</small>	135 dB
Max. Input Signal	25 dBu
DSP	DPLMx FPGA Processing 32 bit floating point
AD / DA	24 bit / 96 kHz
Latency	0,8 ms (analog in to analog out)
Usable Range <small>- 6 dB</small>	35 Hz - 180 Hz
Tuning Frequency <small>excursion minimum</small>	42 Hz
Connectors	XLR in/thru, Ethercon, Speakon NL4MP out, Powercon in/thru
Handles	2 x
Rigging / Fittings	M20 on top Wheelboard fittings
Weight	30 kg (+ 6 kg wheelboard)
Size <small>height x width x depth</small>	40,0 x 60,0 x 60,0 cm
Order No.	00620/dp



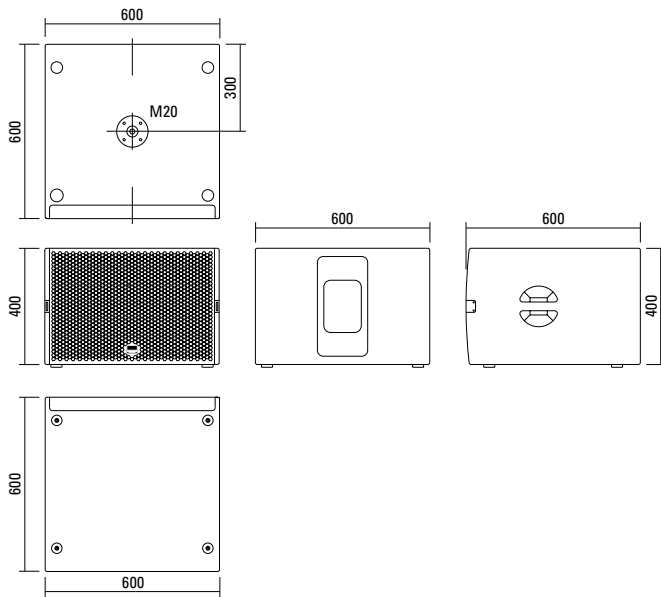
Robust honeycomb type speaker grille. Wheel board fittings.



M20 flange on top.

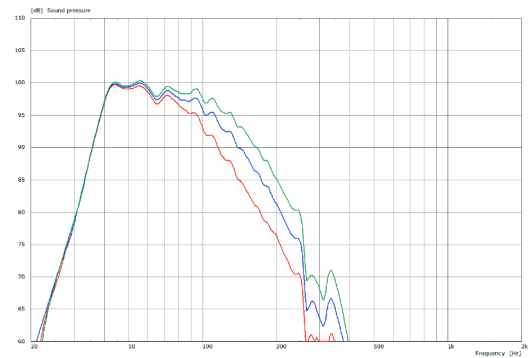


DIMENSIONS

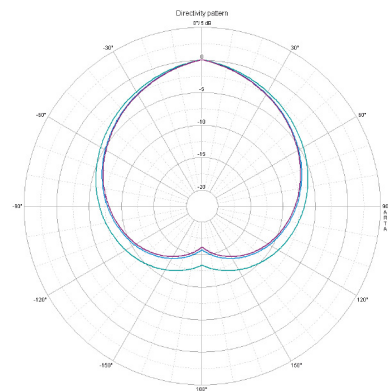


MEASUREMENTS

Frequency Response with Presets



Cardioid - Polar Diagram



APPLICATIONS



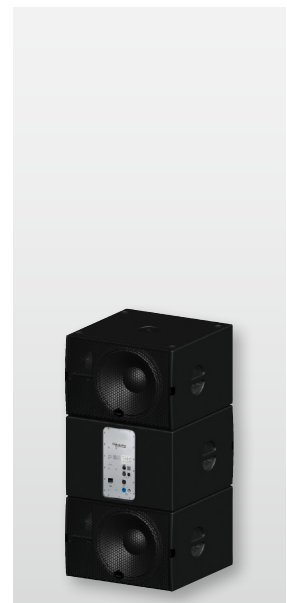
G Sub 1501 / GL 24



G Sub 1501 / X 4




4 x G Sub 1501 dp / K 24



G Sub 1501 dp / G Sub 1501
Cardioid-Anordnung

The G Sub 1501 dp features integrated digital amplifier electronics with a DSP controller (dp = digitally powered). Various factory-configured presets and volume settings can be called up directly on the box or via a network connection.

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.

 [Presets > Quick Start Manual](#)

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.

Ethercon

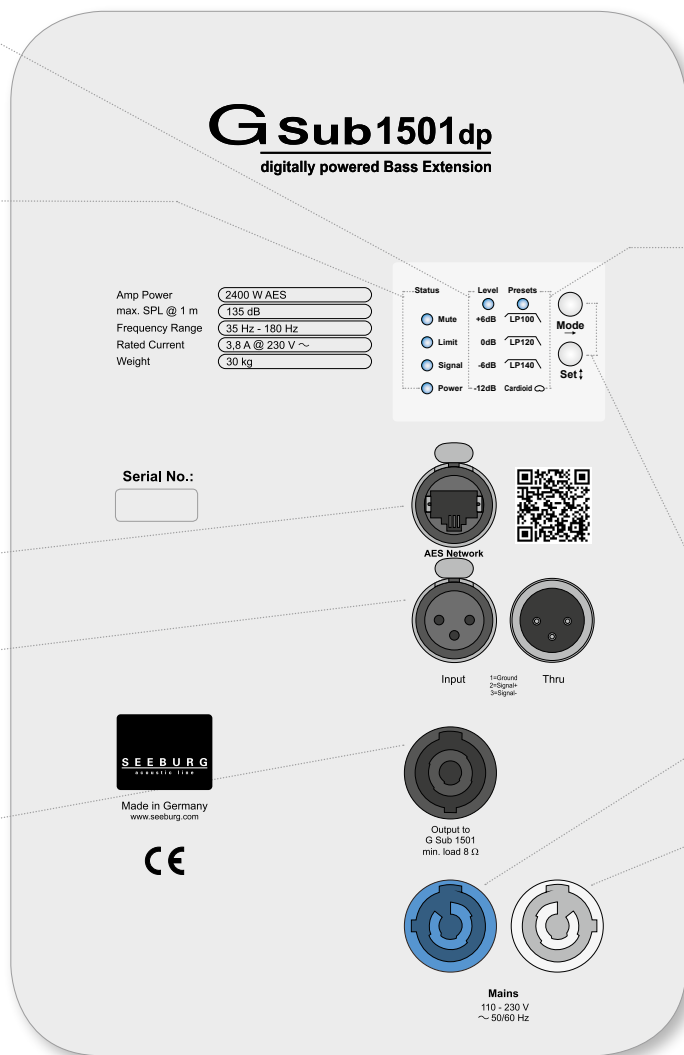
Interface for remote control and audio transfer via ethernet (AES 67).

XLR

- Symmetrical analog input.
- Effective filter protection against HF interference and DC Voltages.
- Electronically balanced to prevent noise.

Speakon NL4MP

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



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.

Powercon (blue)

Power supply
~ 110-230 V / 16 A max

Powercon (grey)

~ 110-230 V / 16 A max.
loop through connector

SEEBURG NETWORK Manager

Über die Software SEEBURG Network Manager können alle selfpowered Systeme über Netzwerk gesteuert und kontrolliert werden.

Product	Name	Location	Order ID	IP	Status
SEEBURG X6 dp		Front Links	1	169.254.235.81	Online
SEEBURG X6 dp		Front Rechts	2	169.254.75.86	Online
SEEBURG X4 dp		Center	3	169.254.179.43	Online
SEEBURG X1 dp	Referenz	Surround Seite Links	5	169.254.108.128	Online
SEEBURG X1 dp		Surround Seite Rechts	6	169.254.63.34	Online
SEEBURG TriSource 10 dp		Surround Back Links	7	169.254.220.93	Online
SEEBURG TriSource 10 dp		Surround Back Rechts	8	169.254.180.184	Online

The Properties panel for 'SEEBURG X4 dp' shows the following settings:

- Name: (empty)
- Location: Center
- Memo: (empty)
- Bank: 1
- Preset: Low-Boost
- Level: 0 dB
- Mute: (unchecked)
- Delay: 0,000 m
- Order ID: 3
- Firmware Version: v1.5.4 (Update button)
- User EQ enable: (checked)
- AES67 Session: Avants : 128 (8 channels: 01, 02, 03, 04, 05, 06, 07, 08)
- AES67 Source Channel: 3
- AES67 Link Offset: 1 ms
- AES67 0 dBFS: 0 dBu
- AES67 Clock Status: locked
- User EQ 1: (empty)
- Type: PEQ
- Frequency: 112 Hz
- Q: 1,0

The graph below the table shows a frequency response curve with four parametric equalizers (PEQ 1, 2, 3, 4) overlaid. The x-axis represents frequency from 50 Hz to 20 kHz, and the y-axis represents gain from -15 dB to +15 dB.

Features:

- > **Fernsteuerung** der Anschlussfeld-Funktionen wie Presets, Abruf der Bänke und Pegeleinstellungen sowie Sperr- und Mutfunktionen.
- > **Visuelle Darstellung** der im Netzwerk befindlichen Systeme.
- > Speicherbare Namens- und Positionsangaben mit **globaler Suchfunktion**.
- > **Gleichzeitige Bearbeitung** ausgewählter Lautsprecher.
- > **Vollparametrische User EQs und Delays** für Time Alignment inkl. graphischer Oberfläche.
- > **Time Delay** mit bis zu **2,8 Sekunden Laufzeit**.
- > **Audio-over-Ethernet (AoE)** mittels **AES 67**.
- > Grundlegende **Netzwerkeinstellungen**.
- > Anbindung an **Mediensteuerung** mittels **API**.
- > **Dokumentation online** verfügbar.
- > **Identifizierungsfunktion** durch Aufleuchten der LEDs an der dp-Box.
- > **Firmware Updates** können aufgespielt werden.



[SEEBURG Network Manager > Quick Start Manual \(pdf\)](#)

AES NETWORK Schnittstelle

Alle dp Systeme verfügen serienmäßig über eine **AES Network Schnittstelle**. Diese dient zur **Fernsteuerung** über den **SEEBURG Network Manager** und zur **Audio-over-Ethernet (AoE) Audioübertragung** mittels **AES 67**.



AES Network

ACCESSORIES G Sub 1501 dp

Speaker Pole

M20, with wind up
Order No. **03023**



M20, adjustable
Order No. **03022**



Speaker Pole

250 mm, ø 35 mm, M20,
with ring lock
Order No. **03020**



Wall Mount

bar: 400 mm, max. load 40 kg,
incl. (M10 x 70 mm socket head screw,
M10 hex lock nut and flat washer)
Order No. **08130/F400/w** (RAL 9010)
Order No. **08130/F400**



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**



Cover

for G Sub 1501,
by using wheel board
Order No. **01239/WB**



Cover

for G Sub 1501,
without wheel board
Order No. **01239**



Wheel Board

for G Sub 1501,
stackable, 6 kg
Order No. **01267**



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**

