High performance bass reflex subwoofer. Twin long excursion 15" Neodym chassis provide accurate and highly efficient bass reproduction over a wide frequency range, powered by the integrated 2400 W amplifier. The on-board DSP controller offers three filter presets, a switchable cardiod mode, and a range of loudspeaker presets. A transport front cover with wheels is optionally available. The K Sub 1502 dp can be used in a horizontal or a vertical orientation as required.

PRODUCT SPECIFICATIONS

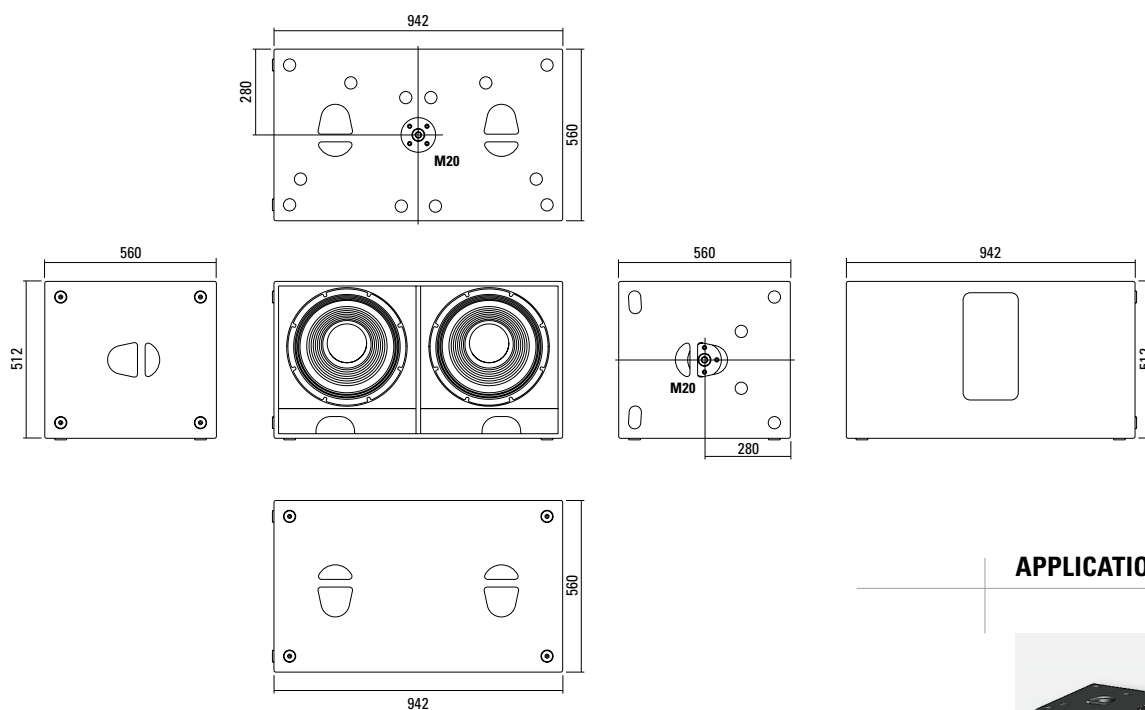|	
Speaker Components	2 x 15" Nd (4" VC)
Description	Digitally Powered Bass Extension
Amp Power	2400 W AES
Rated Current	3,2 A @ 230 V
SPL Peak @ 1 m	142 dB
Max. Input Signal	25 dBu
DSP	DPLMx FPGA Processing 32 bit floating point
AD / DA	24 bit / 96 kHz
Latency	0,8 ms (analog in to analog out)
Usable Range - 6 dB	37 Hz - 100 / 120 / 140 Hz
Tuning Frequency excursion minimum	45 Hz
Connectors	XLR in/thru, Ethercon, Powercon in/thru
Handles	6 x
Rigging / Fittings	M20 on top and side Wheel board fittings
Weight	50,0 kg (+ 8,5 kg wheel board)
Size height x width x depth	51,2 x 94,2 x 56,0 cm
Order No.	**01059/dp**

Six comfortable handles for easy handling.

Connection panel

SEEBURG
acoustic line

DIMENSIONS

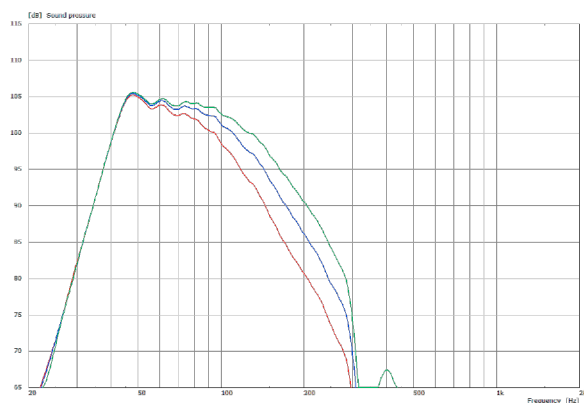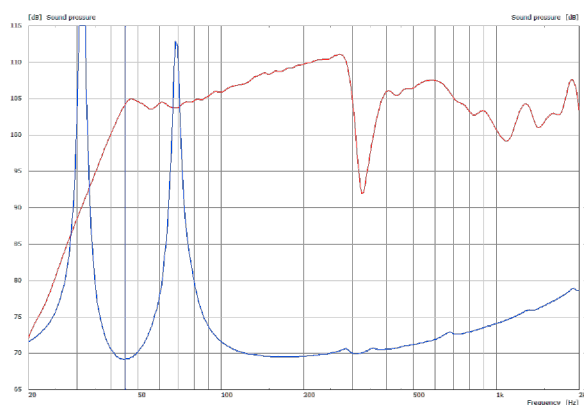## APPLICATION

3 x K Sub 1502 dp
Cardioid set-up

MEASUREMENTS

Frequency Response with Presets

Sensitivity 1 W @ 1 m + Impedance

S E E B U R G
a c o u s t i c   l i n e

The K Sub 1502 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.

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
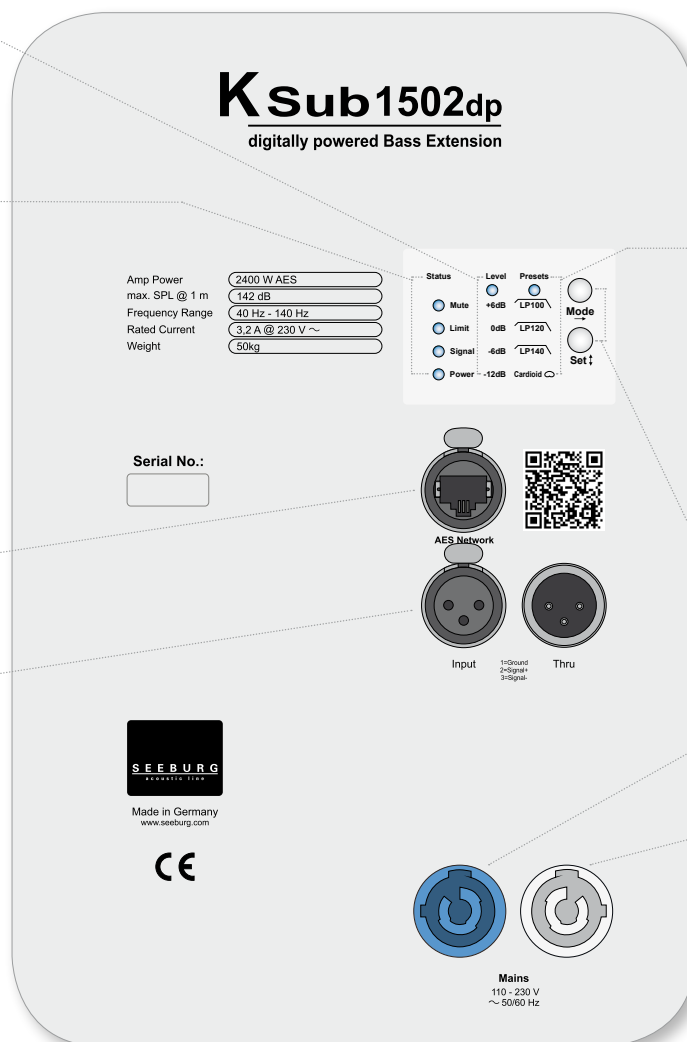Green light when the input signal exceeds -20 dBu

Power LED
Green light when the system is switched on.

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.
- Virtual ground lift.

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
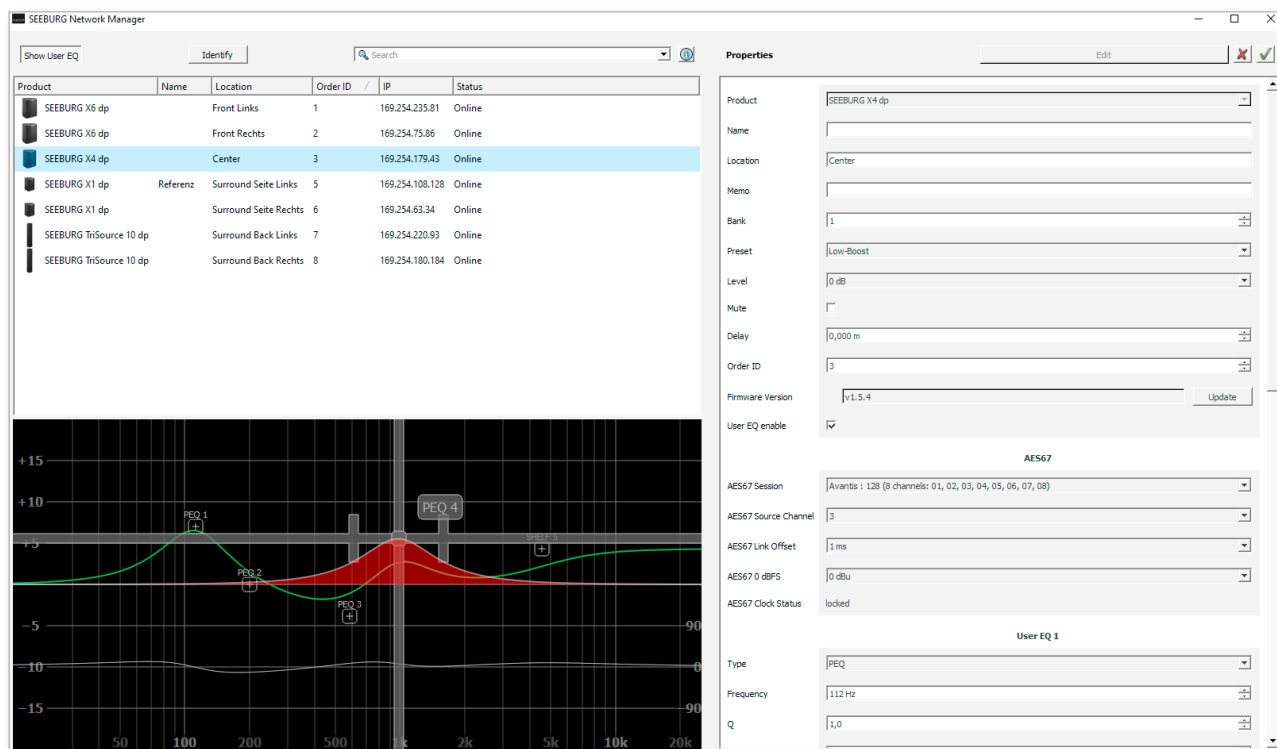Setting of various values and Mute on / off.

Powercon (blue)
Power supply
∼ 110-230 V / 16 A max.

Powercon (grey)
∼ 110-230 V / 16 A max.
loop through connector

K Sub 1502 dp
digitally powered Bass Extension

Amp Power	2400 W AES
max. SPL @ 1 m	142 dB
Frequency Range	40 Hz - 140 Hz
Rated Current	3,2 A @ 230 V ∼
Weight	50kg

Status | Level | Presets
Mute | +6dB | LP100
Limit | 0dB | LP120
Signal | -6dB | LP140
Power | -12dB | Cardioid

Mode
Set

Serial No.:

AES Network

Input   1=Ground 2=Signal+ 3=Signal-   Thru

SEEBURG
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Made in Germany
www.seeburg.com

CE

Mains
110 - 230 V
∼ 50/60 Hz

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SEEBURG NETWORK Manager

With the Software SEEBURG Network Manager all selfpowered systems can be controlled via network.

Features:

> **Remote control** of functions such as recalling presets and banks, level control and mute, and locking the controls on the loudspeakers.

> **Visual display** of all systems connected to the control network.

> Storable names and location labels with a **global search function**.

> **Selection of loudspeakers** in the list for simultanious set-up and control changes.

> **Fully parametric user EQs and delay settings** for time alignment, with a graphical user interface

> **Time Delay** with up to **2.8 seconds runtime**.

> **Audio-over-Ethernet** (AoE) via **AES 67**.

> Connection with **media control systems** via **API**.

> Basic **network settings**.

> **Documentation** is available **online**.

> **Identification function** by way of flashing LEDs on the dp loudspeaker systems.

> **Firmware updates** can be applied.

SEEBURG Network Manager > Quick Start Manual (pdf)

AES NETWORK interface

All selfpowered systems are equipped as standard with an **AES Network interface**. This is used for **remote control** via the **SEEBURG Network Manager** and for **Audio-over-Ethernet (AoE) audio transmission** via **AES 67**.

AES Network

SEEBURG acoustic line

ACCESSORIES K Sub 1502 dp

Speaker Pole

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

M20, adjustable
Order No. **03022**

Wheel Board

for K Sub 1502,
stackable, 8,5 kg

Order No. 01263

Cover

for K Sub 1502, with wheel board

Order No. 01251

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**

Removable wheel board for
simple transportation.

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