

Bass Extension - digitally powered **K Sub 1502 dp**



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 cardioid 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
Description	Digitally Powered Bass Extension
Amp Power	2400 W AES / 110-230 V
Rated Current	3,2 A @ 230 V
SPL Peak @ 1 m	142 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	37 Hz - 100 / 120 / 140 Hz
Tuning Frequency excursion minimum	45 Hz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out
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

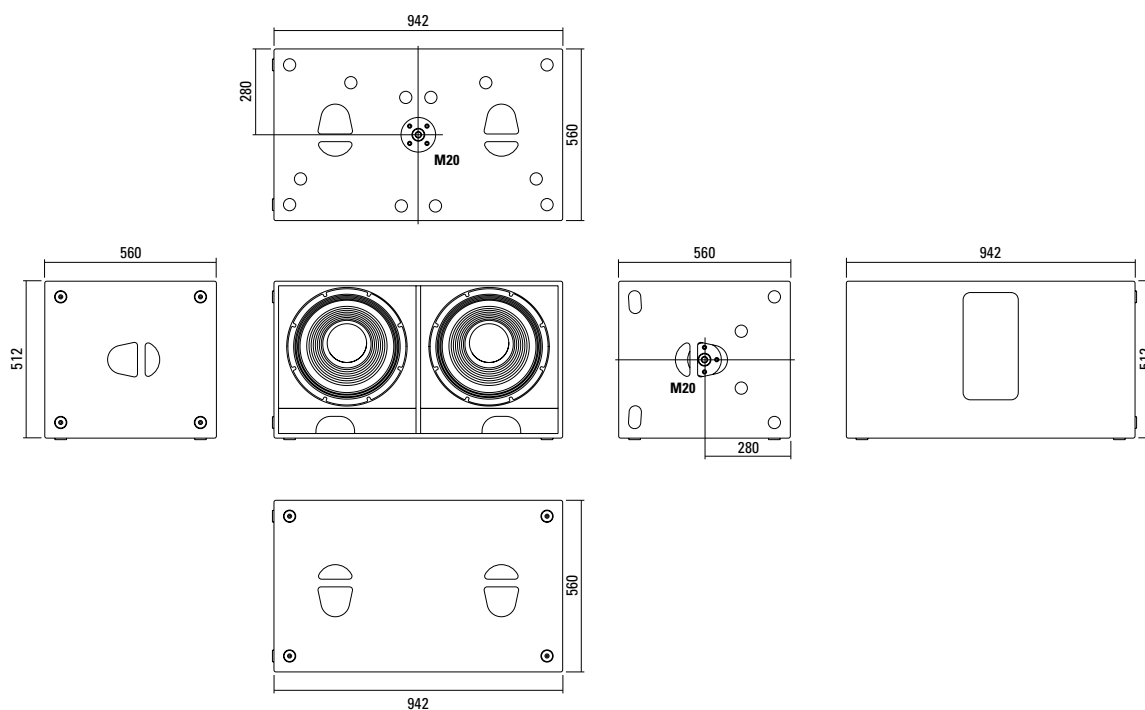


Six comfortable handles for easy handling.



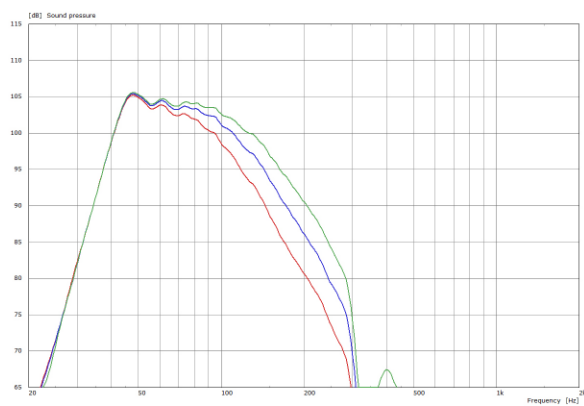
Connection panel.

DIMENSIONS

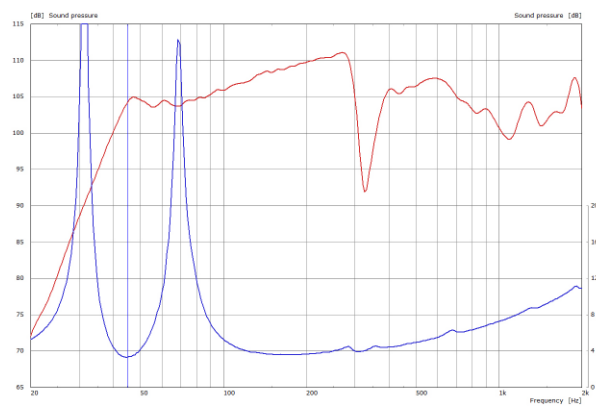


MEASUREMENTS

Frequency Response with Presets



Sensitivity 1 W @ 1 m + Impedance



The K Sub 1502 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.

K Sub 1502dp

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.:

Amp Power AES	2400 W
max. Input Signal	25 dBu
max. SPL @ 1 m	142 dB
Frequency Range	37 Hz - 140 Hz
Rated Current	3.2 A @ 230 V
Mains Supply	~ 110 - 230 V
Weight	50kg

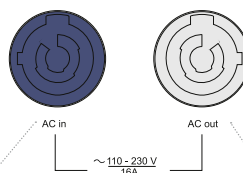
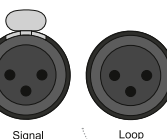
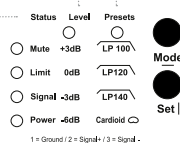


Made in Germany
www.seeburg.net

Caution



Do not touch
Aluminum plate might become hot
during operation



PowerCon (blue)

Power supply
~ 110-230 V / 16 A max.

PowerCon (grey)

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

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.

ACCESSORIES K Sub 1502 dp

Speaker Pole

M20, with wind up, K&M

Order No. **03023**



M20, adjustable, K&M

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**



Cover.



Removable wheel board for simple transportation.