

Bass Extension - digitally powered **TSM Sub dp+**



Universal high-powered subwoofer with an integrated 2 x 1000 W class D amplifier and two channel DSP controller. A range of factory-configured presets and volume settings can be selected. Depending on the selected preset, the Speakon connector of the second amplifier channel is used to connect a HiMid system, or a passive TSM sub. The low weight and high quality electronics in the power amp stage make the TSM Sub dp+ an interesting alternative for many applications which require flexibility, power handling capacity and good audio quality.

PRODUCT SPECIFICATIONS

Speaker Components	15" Nd
Description	Digitally Powered Bass Extension
Amp Power	2 x 1000 W AES / 110-230 V
Rated Current	1,2 A @ 230 V
SPL Peak @ 1 m	131 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	35 Hz - 100 / 120 / 140 Hz
Tuning Frequency excursion minimum	42 Hz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out Neutrik Speakon out
Handles	2 x
Rigging / Fittings	M20 on top Wheel board fittings
Weight	25,5 kg (+ 6 kg wheel board)
Size height x width x depth	51,5 x 47,0 x 56,0 cm
Order No.	00974/dp+



Removable wheel board for simple transportation.

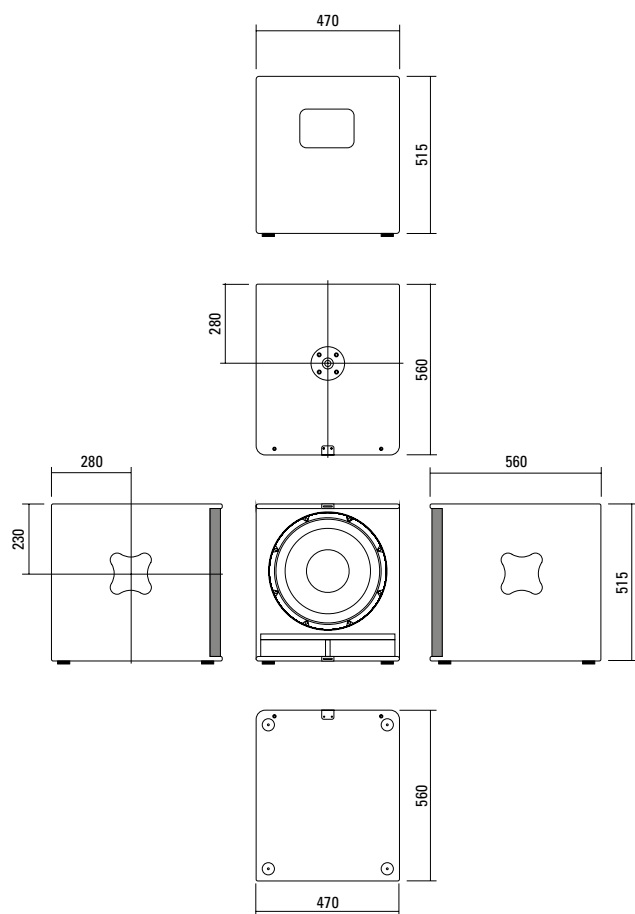


Connection panel.



M20 flange on top.

DIMENSIONS



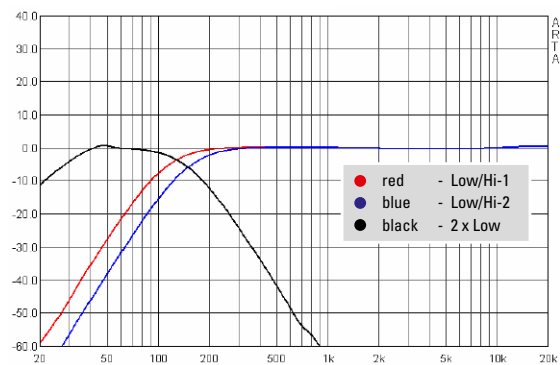
APPLICATIONS



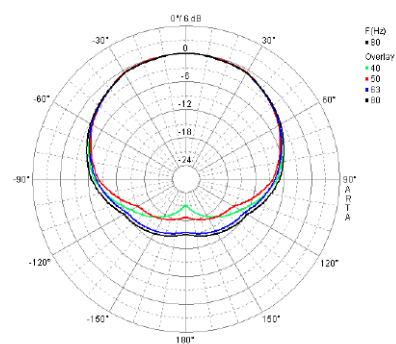
1 x TSM Sub dp+ / 2 x TSM Sub
Cardioid set-up.

MEASUREMENTS

Presets - Frequency Response (electrical)



Cardioid - Polar Diagram

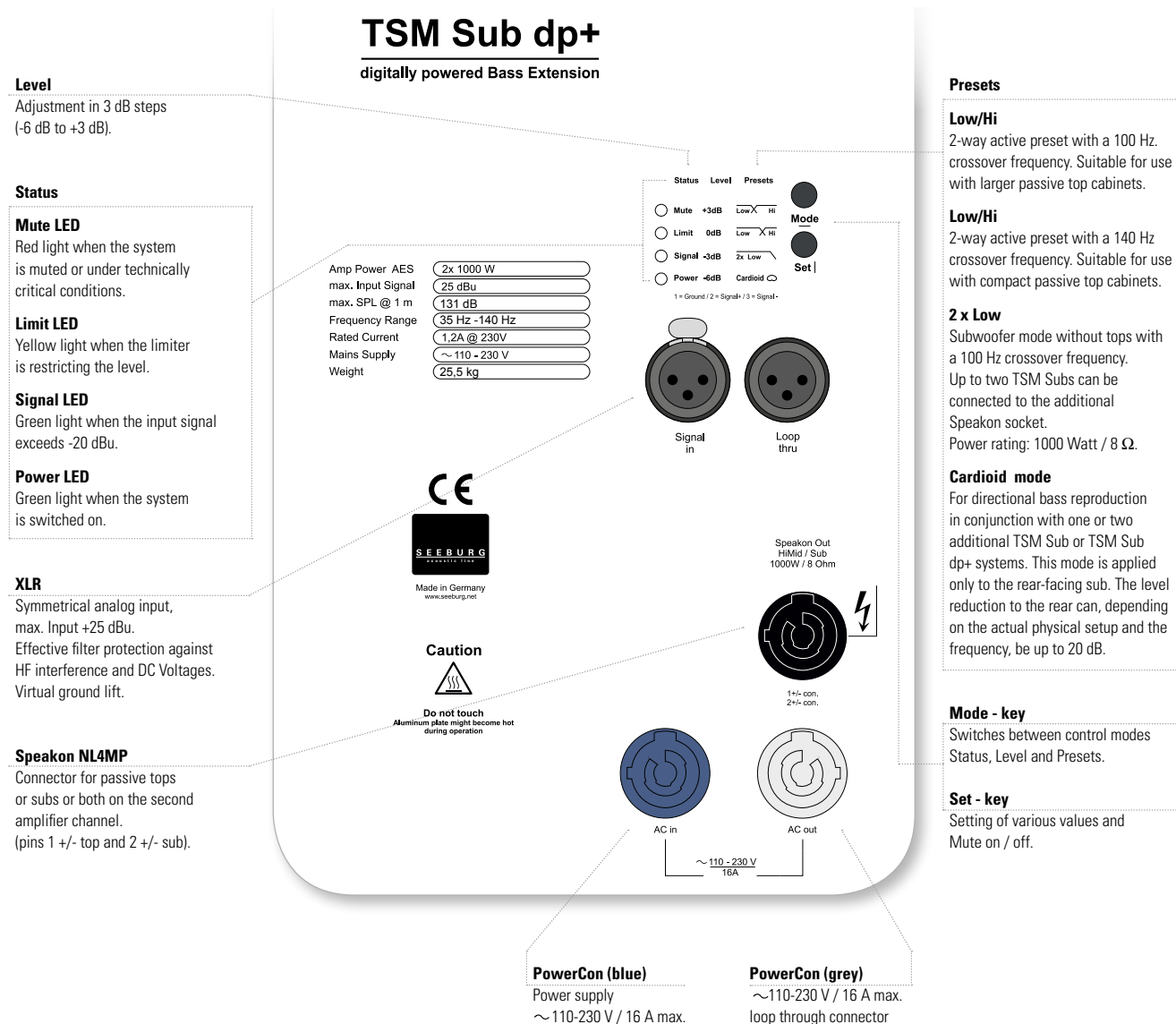


The TSM Sub dp+ features integrated digital amplifier electronics with a DSP controller. Various factory-configured presets and volume settings can be selected.

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.



ACCESSORIES TSM Sub dp+

Speaker Pole

M20, with wind up, K&M

Order No. **03023**



M20, adjustable, K&M

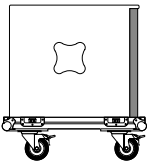
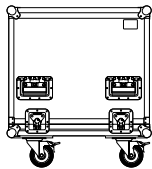
Order No. **03022**



Flight Case

for 1 x TSM Sub, standard,
7 mm birch multiplex, PVC coated,
4 x recessed sprung handles,
4 x butterfly catches, 4 x 100 mm
blue wheels, 2 pcs. with brake,
interior lined with felt

Order No. **16048**



Cover

for TSM Sub (all types)
without wheel board

Order No. **01247**



for TSM Sub (all types)
with wheel board

Order No. **01246**



Wheel Board

for TSM Sub, stackable, 6 kg

Order No. **01265**



Hybrid Cable System

PowerCon-PowerCon / XLR-XLR

5 m Order No. **08464**

10 m Order No. **08466**

15 m Order No. **08468**



Stackable wheel board.