



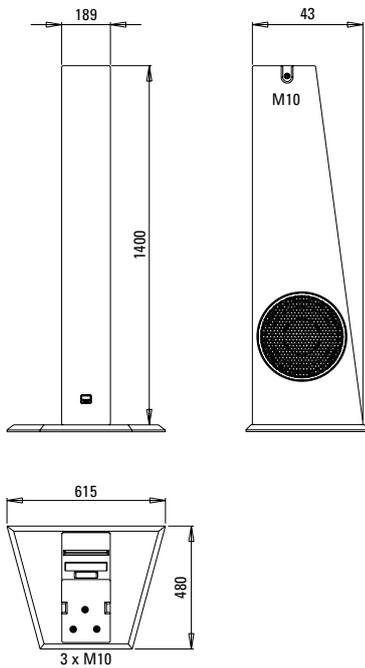
The GL Sub dp is a dedicated Subwoofer for the GL 16 System. With 140 cm height it enables the optimal positioning of a GL 16 for a sitting or standing audience. The 12" speaker is powered by a 1000 Watt amplifier with DSP. The GL Sub dp is especially suited for applications which require a unobtrusively looking GL 16 System with Subwoofer.

PRODUCT SPECIFICATIONS

Speaker Components	12" Nd
Description	Digitally Powered Bass Extension
Amp Power	1000 W AES / 110-230 V
Rated Current	0,8 A @ 230 V
SPL <small>Peak @ 1 m</small>	126 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 - 220 Hz (-6 dB)
Tuning Frequency <small>excursion minimum</small>	50 Hz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out
Handles	- - -
Rigging / Fittings	3 x M10 on top for GL 16 bracket 2 x M10 on side for GL 16 i 4 x M10 on bottom for various base plates
Weight	23 kg (without base plate)
Size <small>height x width x depth</small>	140,0 x 18,9 x 43,0 cm
Order No.	00530/dp



DIMENSIONS



APPLICATIONS



GL 16i / GL Sub
GL 16i systems can be mounted directly.



Connection adapter.



GL 16 Flying bracket.



GL 16i / GL 16c / GL Sub
GL 16c systems can be mounted by the use of the connection adapter.



GL 16i / GL Sub
GL 16i: mounted with flying bracket.

The GL 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.

Level

Adjustment in 3 dB steps (-6 dB to +3 dB).

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

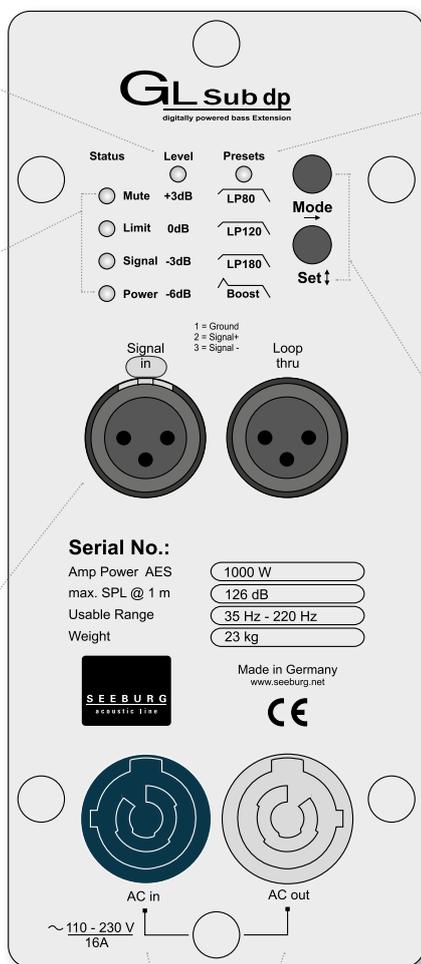
Green light when the input signal exceeds -20 dBu.

Power LED

Green light when the system is switched on.

XLR

Symmetrical analog input, max. Input +25 dBu. Effective filter protection against HF interference and DC Voltages. Virtual ground lift.



Presets

LP 80

Low Pass filter with 80 Hz cutoff frequency.

LP 120

Low Pass filter with 120 Hz cutoff frequency.

LP 180

Low Pass filter with 180 Hz cutoff frequency.

Boost

Bass boost at 50 Hz.

Mode - key

Switches between control modes Status, Level and Presets.

Set - key

Setting of various values and Mute on / off.

PowerCon (blue)

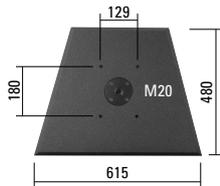
Power supply
~ 110-230 V / 16 A max.

PowerCon (grey)

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

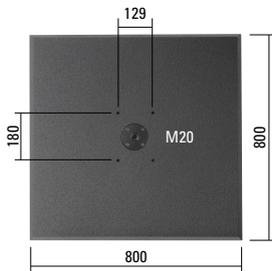
ACCESSORIES GL Sub dp

Base Plate, Small



for GL 16 / GL Sub / L-Series
with M20 flange, 61,5 x 48,0 cm
Order No. **01278/M20**

Base Plate, XL



for stacked mounting
of multiple GL 16 units / GL Sub
with M20 flange,
80,0 x 80,0 cm
Order No. **01279/M20**

Connection Adapter



for GL 16c -> GL Sub, G Sub 1501
Order No. **01276**

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**

Universal Bag



Universal bag for
small base plate and accessories,
with side pocket
51 cm x 62 cm x 23 cm
(height x width x depth)
Order No. **01227**

Flight Case



for 2 pcs. GL Sub units and 2 x small
base plates, heavy duty, 9 mm birch
multiplex, PVC coated, 8 x recessed
sprung handles, 4 x butterfly catches,
4 x 100 mm blue wheels, 2 pcs. with
brake, interior lined with felt
Order No. **16420**



XL Base Plate / Small Base Plate