SL6.10 Technical Data Sheet

Introduction

Product code: KVV 987 507

Following on from our successful SL2.15 subwoofer, the latest generation SL sub, the SL6.10 incorporates six 10" directly radiating speakers which radically improve dynamics and definition from the same sized enclosure. Built to integrate aesthetically with the SL412, The SL6.10 produces accurate bass from its slim cabinet design. Bass response is enhanced by coupling the cabinets, particularly when the SL6.10 is used against or within a wall, providing optimum output for its compact footprint. It also combines acoustically with the Ultra Low Frequency VHD1.21 and 2.21 subwoofers as part of a five way active driven system.



Features

- Slim, discreetly profiled wall mount cabinet
- 129dB sustained output, 135dB peak with very high dynamic range
- Simple wall mounting, suspension and ground stacking options and can be installed internally into walls and surfaces
- These units can be designed and supplied with custom colors, grill templates and logos, offering a flexible and truly designer integrated product
- A single horizontal yoke assembly with multiple fixed angles and fixing locations, provides a quick and cost effective solution for simple suspension
- Front-loaded, 6x 10" bass drivers with 2" voice coil assembly and ferrite magnetic motor structure
- Professional, exterior-grade Baltic birch construction with "Orange peeled" Matt Black paint or any RAL (optionally in a wear resistant polymer coating)
- Proprietary side handle design for simplified handling and carrying
- Internal back braces with nine M10 suspension points
- A total of 23 suspension points are available for custom installation applications
- One SL6.10 speaker requires one channel of a two channel VHD3200/VHD3200D subwoofer amplifier unit

Application

Specifically designed subwoofer enclosure to accompany the SL412 as a high powered aesthetically pleasing-full range music playback and performance system

- Fixed installation
- Nightclubs
- Multi use venues

System Acoustic Perfomance	
Max SPL Long-term	129dB
Max SPL Peak	135dB
-3dB Response	50Hz to 500Hz
-10dB Response	45Hz to 500Hz
Sensitivity	100dB
Impedance	4Ω
Crossover Point	70Hz to 200Hz
Low Frequency Section	
Acoustic Design	Direct-Radiating with Bass Reflex
Subwoofer Amplifier Requirement	1600W / 1x SL6.10 (1 ch-VHD3200 amp)
Number of Drivers	6
Woofer Size / Voice Coil Diameter	6x 10" / 2"
Magnet Type	Ferrite
Diaphragm Material	Epoxy Reinforced Cellulose

Speaker Input	
Speaker Input	AP4
Speaker Output	
Speaker Output	AP4
Cabinet	
Cabinet Material	Baltic birch
Handles	2
Color	"Orange peeled" Matt Black or any RAL
Physical Dimensions	
Height	960 mm (37.8")
Width	1080 mm (42.52")
Depth	350 mm (13.78")
Weight	84 kg (185.2lbs)

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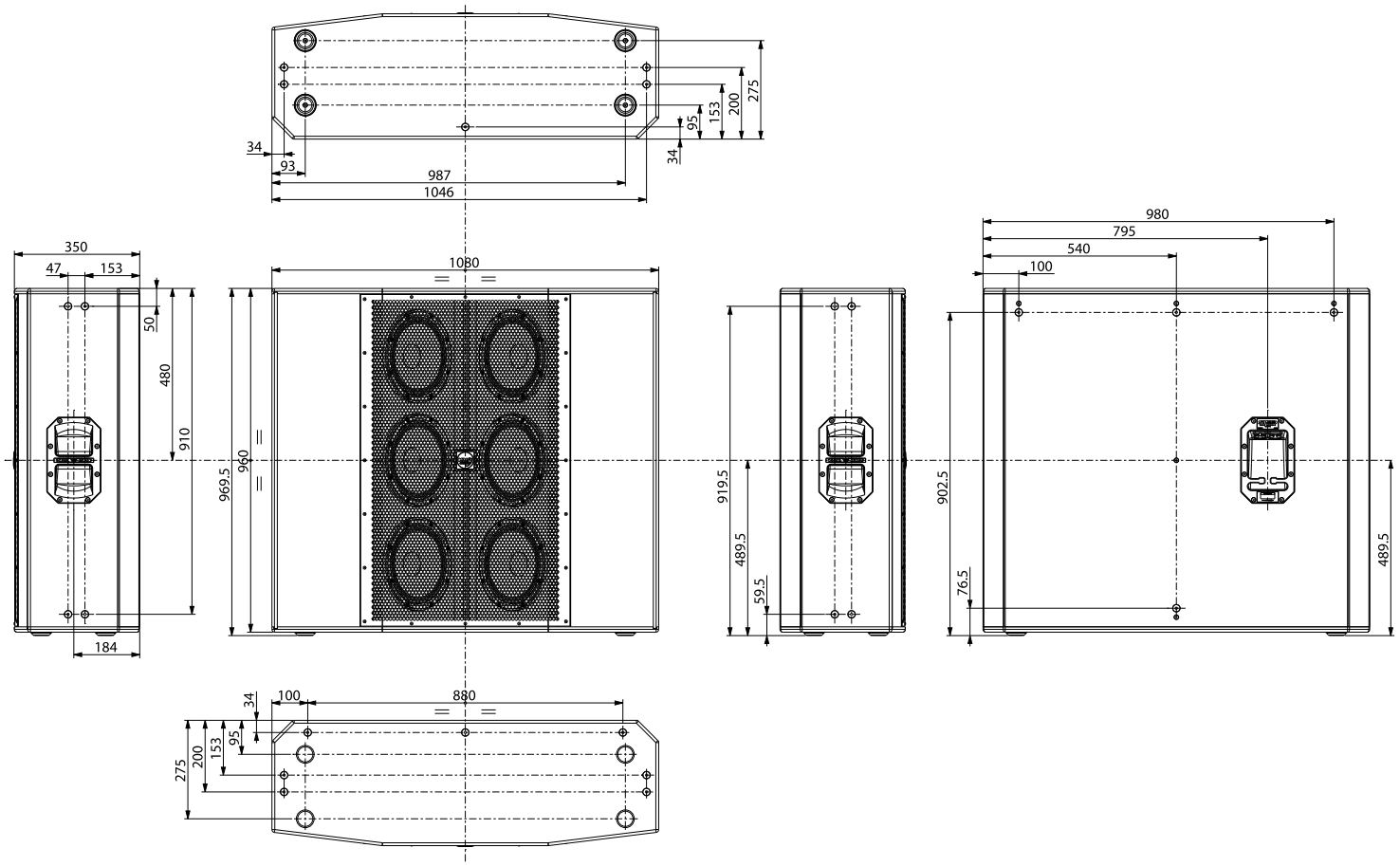
Architectural Specifications

The bass module loudspeaker system shall incorporate six 10-inch low frequency (LF) transducer with ferrite motors and 3-inch polymide, high-temperature voice coils. The LF driver shall be mounted inside a compact wood enclosure with bass reflex design.

The loudspeaker enclosure shall have a slim shape and shall incorporate two side handles with integrated M10 suspension points and incorporate integrated internal braces with 23 M10 suspension points. The speaker cabinet shall be finished with "Orange peeled" Matt Black paint or any RAL (optionally in a wear resistant polymer coating) and fitted with a weather resistant perforated steel grill.

This speaker shall receive power from a separate subwoofer amplifier module (VHD3200/VHD3200D) including speaker protection.
The speaker system shall connect to the amplifier module via proprietary cables terminated in Amphenol AP-4 connectors.

Dimensional Drawings



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