

40SW18 overview

- 18" woofer;
- Band pass architecture;
- Weatherproof treated components;
- Birch plywood cabinet;
- Active and passive versions;
- RODAP® (RObust Design And Prototyping).

PROFESSIONAL SUBWOOFER

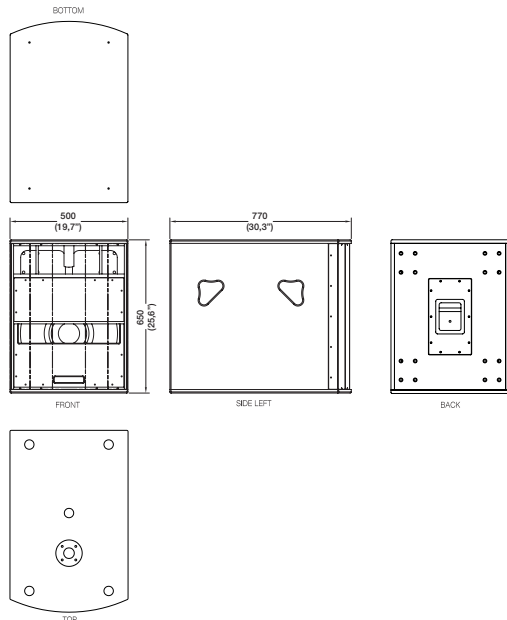
DRAWING

DESCRIPTION

Extremely compact birch plywood subwoofer, designed to supply high acoustical efficiency and an ultra-bass frequencies reproduction, without overlapping with low frequencies reproduced by other units of the audio system. The band-pass solution undoes the distortions even at high output power, thanks to the reduction of the radiating membrane excursion. The electroacoustic part is composed by a 18" woofer. The electronic part presents high quality components, which guarantee both high power (SPL up to 134 dB) and sound quality. Ergonomic handles and arrangement for wheels mounting make the subwoofer easy to transport. The water painting with monocomponent embossed varnish has been studied on purpose to resist to damages due to abrasions, scratches, shocks, or moisture. The subwoofer design has been carried out following the procedures of the RODAP® method, which involves cooperation and specific know how of all the Sound Corporation business units.

VERSIONS

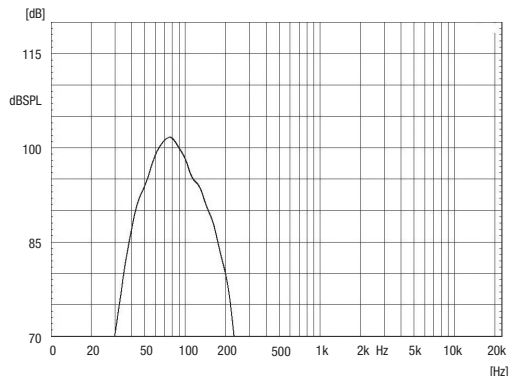
The subwoofer is available in both active (40SW18/A) and passive versions (40SW18). The self-powered version has un board a class D switching amplifier. This amplifier presents advanced protection algorithms that allow for power optimization and at the same time great reliability and security. Its weight and sound quality are the best solution for whom is looking for high fidelity and easy handling.



TECHNICAL SPECIFICATIONS

FREQUENCY RESPONSE

	40SW18	40SW18/A
System configuration	subwoofer	active subwoofer
Power handling RMS	700 W	Class D switching amplifier
Frequency response	35÷120 Hz	35÷120 Hz
Peak SPL (@1m)	134 dB	134 dB
Impedance	8 Ohm	/
Transducers	1x18"	1x18"
Cabinet	birch plywood	birch plywood
Input connectors	2 x NL4 Speakon	XLR – NAC3MPA
Dimensions (WxHxD)	500x650x770 mm	500x650x770 mm
Net weight (Kg)	40	40,5



All the measurements carried out in Sound Corporation laboratories

