

# SW112P

12" (300mm), Direct Radiating, Subwoofer System



## KEY FEATURES

- ▲ 12" woofer with 3" VC
- ▲ Interleaved Sandwich aluminum Voice coil (ISV)
- ▲ Very good output-to-weight ratio
- ▲ Compact and unobtrusive cabinet
- ▲ Water repellent cones

## APPLICATIONS

The SW112P subwoofer is designed to deliver high quality low frequency reproduction with a high output and well defined bass response. Its very compact size and unobtrusive cabinet make it suitable for the use in high profile indoor and outdoor installed systems.

## THE SW112P SUBWOOFER SYSTEM

The SW112P subwoofer features a 12" woofer with a 3" Interleaved Sandwich Voice coil. The die-cast basket with double ventilation has been designed to grant maximum heat dissipation and reduce power compression. Mechanical excursion is controlled by a DSS (Double Silicon Spider) system, which guarantees system linearity.

## SYSTEM SPECIFICATIONS

### SYSTEM

System's Acoustic Principle	Direct radiation bass-reflex
Frequency Response ( $\pm 3$ dB)	39 Hz - 125Hz (Processed)
Nominal Impedance	8 $\Omega$
Maximum Peak SPL @ 1m	125 dB

### TRANSDUCERS

Type	12" woofer, 3" VC
Cone	Water repellent cone and epoxy coated plates
Voice Coil Type	Interleaved Sandwich aluminum Voice coil (ISV)
Suspension	Linear suspension behavior

### INPUT CONNECTIONS

Connector Type	Neutrik® Speakon® NL4 x 2
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### POWER HANDLING

Continuous AES Pink Noise Power	600W
Program Power	1200W
Peak Power	2000W
Power Compression	
@ -10dB Power	0.9dB
@ -3dB Power	2.8dB
@ 0dB Power	3.8dB

### ENCLOSURE & CONSTRUCTION

<b>Physical Dimensions</b>	
Width	37 cm
Height	47 cm
Depth	46 cm
Enclosure Material	15/18mm, reinforced phenolic birch
Paint	High resistance, water based paint
Suspension system	5 x M10 - top, bottom, rear
Net Weight	24.5 kg (53.9 lbs)

The SW112P subwoofer can handle a very high power (400 W AES) and it is capable to provide a low extension for high-profile applications. The frequency response reaches down to 40Hz with a 125dB maximum SPL. This model perfectly complements satellites like ED23P, ED25P and ED65P. For the system filtering and processing the use of PROEL PC260 is recommended. The ideal frequency cut for the SW112P ranges from 125Hz to 160Hz.

