

High output, self powered (Class D switch mode power supply) direct radiation subwoofer cabinet. Consists of an 12" (4" ISV voice coil) neodymium magnet transducer with double spider for improved linearity. DSP controlled with 1000W amplification, 134db SPL.



Key features

- Class D powered
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- High quality components
- Online monitoring available
- Bass reflex sub unit

Applications

- Theatres & auditoriums
- Houses of worship
- Small / middle sized clubs
- Front fill / side fill reinforcement
- Smaller live stages / events
- Portable sound reinforcement

General description & specifications

The compact ADP-12S sub bass cabinet is part of the ADP Self powered, DSP integrated Series. It has been designed to offer the utmost sound reinforcement reliability, incorporating the latest acoustical and electronical technology and delivering incredible, dynamic sound.

The ADP-12S is an extremely high power sub bass cabinet providing exceptional low frequency reinforcement for the ADP Full range cabinets. It uses one 12" (4" ISV voice coil) neodymium transducer with double spider (for improved linearity) in direct radiation bass reflex configuration.

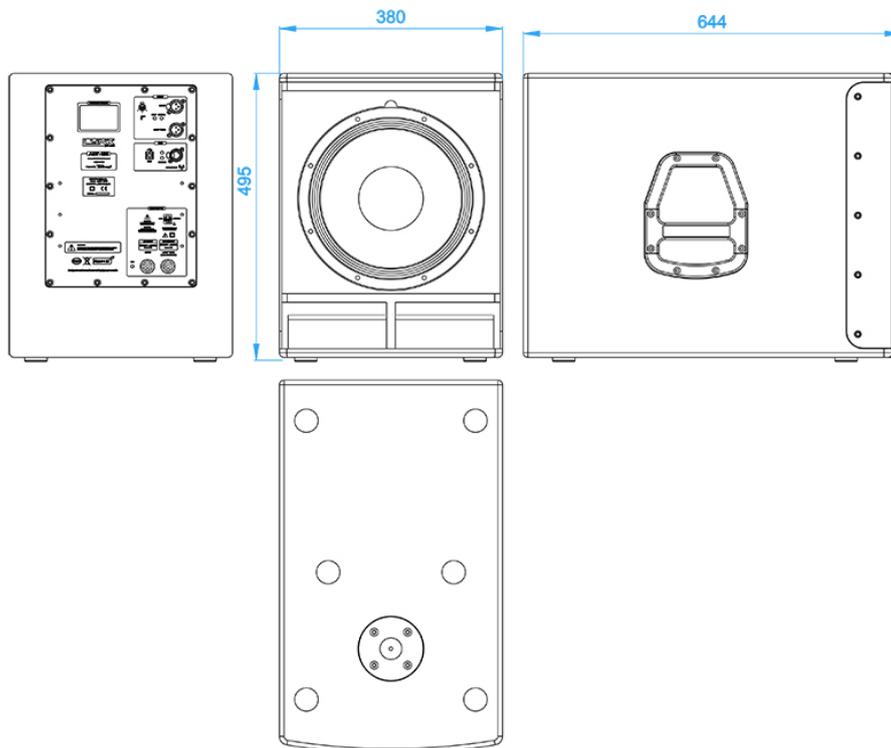
The ADP-12S is powered with a total of 1000W of class D amplification. Each cabinet has a DSP integrated for system protection and optimization. Other features include temperature sensor, fan speed control, Ethernet options and many more.

The ADP-12S has an unbeatable power to size ratio, there is no need for external amplification racks, is very light weight and as such is the ideal solution for portable or fixed sound reinforcement enabling quick and easy set-ups. An integrated pole mount enables easy satellite configuration with the ADP full range cabinets.

Technical Data

Components	1 x 12" Neodymium Woofer with Nomex cone
Frequency range	40 Hz - 180 Hz (-10dB)
Frequency response	45 Hz - 150 Hz (± 3dB)
Max SPL	131 dB / 134 dB peak
Coverage angle	Omnidirectional
Power	1000 W Class D with switching power supply
Configuration	Bass-reflex, Direct radiation
Processing	48 KHz / 56 bit double precision DSP
Cabinet adjustment	back panel LCD
Control connections	XLR / Ethernet (OCS) optional, USB (DSP programming)
AC Power	230V / 115V selectable. 50/60 Hz 5A
AC connections	16A Neutrik powerCon with link output
Finish	Polyurea coating, black colour
Material	18 mm premium birch plywood
Dimensions	495 x 380 x 644 mm (H x W x D)
Weight	29 kg (64 lbs)

Dimensional Drawing



Accessories

	TU-C01	35mm connecting pole for satellite combination between ADP-12S and ADP full range cabinets
	VSM-V1	35mm speaker mounting top hat for satellite combination between ADP-12S and ADP full range cabinets
	VSM-V2	M20 connector plate for the ADP-12S
	FD-ADP12SNL	Rain cover for ADP-12S

Amplification & DSP

1000w Class D with switching power supply amplifier for the 12" transducer. The amplification far exceeds the transducer needs thus resulting in high output, high damping factor and extremely low levels of distortion.