

High Output, self powered (Class D switch mode power supply), two-way cabinet. DSP (FIR technology) controlled with 1000W amplification, 127 db SPL.



Key features

- Class D powered (bi-amplified)
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- FIR linear phase filtering
- Online monitoring available
- Two way active system

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 versatile ADP-26 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 electrical technology and delivering incredible, dynamic sound.

The ADP-26 is an extremely high power, two-way full range cabinet providing exceptional performance. For the low-mid frequencies it uses dual 6" (1.5" copper voice coils) neodymium transducers with aluminium demodulating rings considerably reducing distortion. The high frequencies are looked after by a compression driver with a 1.7" aluminium voice coil, titanium diaphragm mounted on a 90° x 60° aluminium rotatable exponential horn.

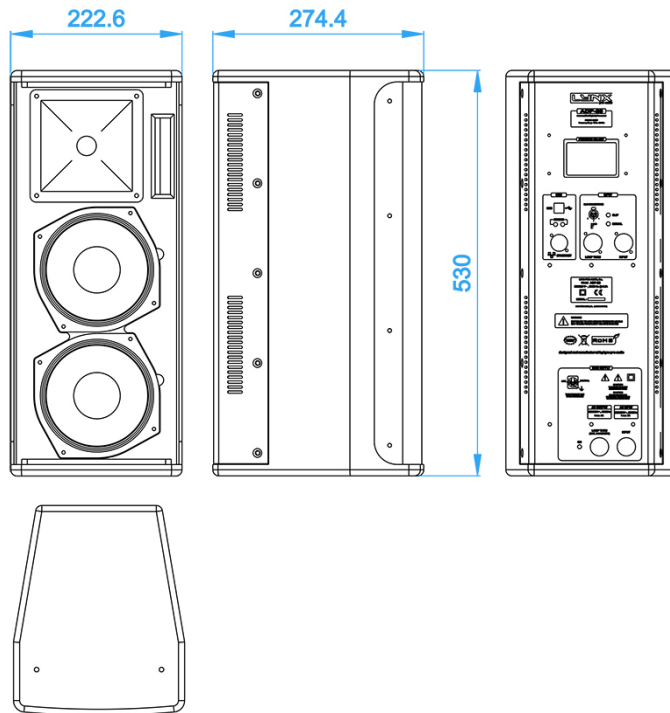
The ADP-26 is powered with a total of 1500W of class D amplification, 500W for the low/mid frequencies and 500W for the high frequencies. Each cabinet has a DSP integrated for system protection and optimization. This DSP applies linear phase (FIR) and classical crossovers. Other features include temperature sensor, fan speed control, Ethernet options and many more.

The compact ADP-26 has an unbeatable power to size ratio, there is no need for external amplification racks, is very light weight and is the ideal solution for portable or fixed sound reinforcement. A variety of rigging options make the ADP-26 easy to set-up in minimal time. To extend the low frequency response, the ADP-18S sub bass cabinet can be used.




Technical Data

Components	
• LF/MF	2 x 6" neodymium (aluminium demodulating rings)
• HF	1" titanium diaphragm driver
Frequency range	65 Hz – 20 KHz (-10dB)
Frequency response	75 Hz – 18 KHz (± 3dB)
Max SPL	124 dB / 127 dB peak
Coverage angle	90° H x 60° V rotatable horn
Power	1000 W Class D LF amplifier: 1 x 500 W HF amplifier: 1 x 500 W
Processing	96 KHz / 64 bit double-precision, dSP with FIR filters
Control	User control interface with 2.8" IPS and joystick controller
Control connections	Ethernet optional / USB (DSP programming)
AC Power	230V / 115V selectable. 50/60 Hz 5A
AC connections	16A Neutrik powerCon TRUE1 with looping output
Finish	Polyurea coating, black colour
Material	15 mm premium birch plywood
Dimensions	530 x 222 x 269 mm (H x W x D)
Weight	13 kg (28 lbs)

Dimensional Drawing



Accessories

	AGR-6	M6 eye bolt for the ADP-26
	VSM-V1	35mm speaker mounting top hat for ADP-26 with the ADP-18S or ADP-12S
	WB-03	Wall bracket for the ADP-26 for top hat insertion

Amplification & DSP

Bi-amplified Class D with switching power supply. Includes one 750W power module for the 6" transducers and another 750W power module for the HF driver.

The amplification far exceeds the transducer needs thus resulting in high output, high damping factor and extremely low levels of distortion.