

High Output, self powered (Class D switch mode power supply), two-way cabinet. DSP (FIR technology) controlled with 2000W amplification, 143db SPL.



Key features

- Class D powered (tri-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-215 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-215 is an extremely high power, two way full range cabinet providing exceptional performance. Each cabinet has a DSP integrated for system protection and optimization. This DSP applies classical crossover and linear phase filtering. Other features include

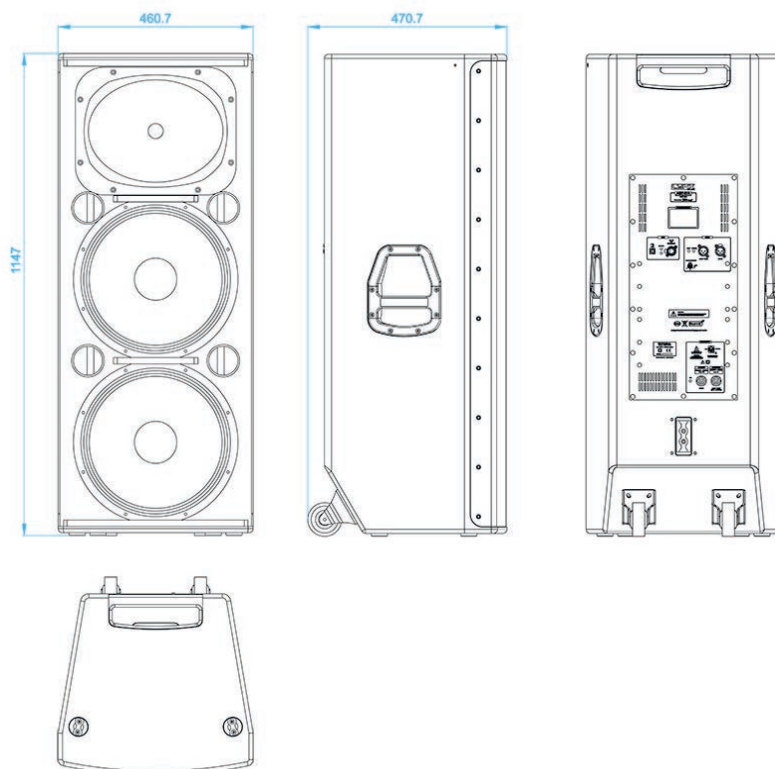
temperature sensor, fan speed control, Ethernet options and many more.

The compact ADP-215 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. Wheels are located at the base for easy transportation and a variety of rigging options make the ADP-215 easy to set-up in minimal time. A nylon protection cover is also available. To extend the low frequency response, the ADP-18S sub-bass cabinet can be used.

Technical Data

Components	
• LF/MF	2 x 15" neodymium
• HF	1.4" titanium diaphragm 3" voice coil compression driver
Frequency range	40 Hz – 20 KHz (-10dB)
Frequency response	45 Hz – 18 KHz (± 3dB)
Max SPL	140 dB / 143 dB peak
Coverage angle	60°H x 50°V constant directivity horn
Power	2000W Class D
LF/MF Amplifier	2 x 750 W
HF Amplifier	1 x 500 W
Processing	56 bit Lynx DSPB-22 with FIR filters
Cabinet Adjustment	Back panel LCD
Internal Controls	Temperature sensor, Online Control System, Fan Speed
AC Power	230V / 115V selectable. 50/60 Hz 5A
AC Connections	16A Neutrik powerCON with link output
Finish	Polyurea coating high grade resistant paint
Material	15mm Premium birch plywood
Dimensions	1147 x 489 x 415 mm (H x W x D)
Weight	52 kg (114 lbs)

Dimensional Drawing



Accessories

	SC-FC2	Heavyweight install stud for the ADP-215
	SP-LXADP	Connection plate for ADP-215 to vertical LX-218S
	FD-ADP215NL	Rain cover for the ADP-215
	FD-ADP215	Nylon transparent protection cover for the ADP-215

Amplification & DSP

Tri-amplified Class D with switching power supply. Includes two 1000W power modules, one for each 15" transducer and one 500W power module for the HF driver.

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