

Ultra-compact, self powered (class D switch mode power supply with PFC), omni-directional subwoofer cabinet.



Key features

- Compact & versatile
- Powered with Class D
- DSP presets for wide applications
- Easy to use, easy to install
- Portable
- Available in black or white

Applications

- PA system
- Clubs & theatres
- Houses of worship
- Solo artists, band, DJ
- Public address
- Commercial complex

General description & specifications

The Ionic-18S is a powered subwoofer enclosure part of the Ionic series. The Ionic cabinets are compact, modular and powerful and the complete series includes two sub units and two column models.

The Ionic-18S uses 1 x 18" (3" voice coil) neodymium transducers offering an ultra compact subwoofer enclosure with 132dB SPL. The power module (Class D with switching power supply) includes

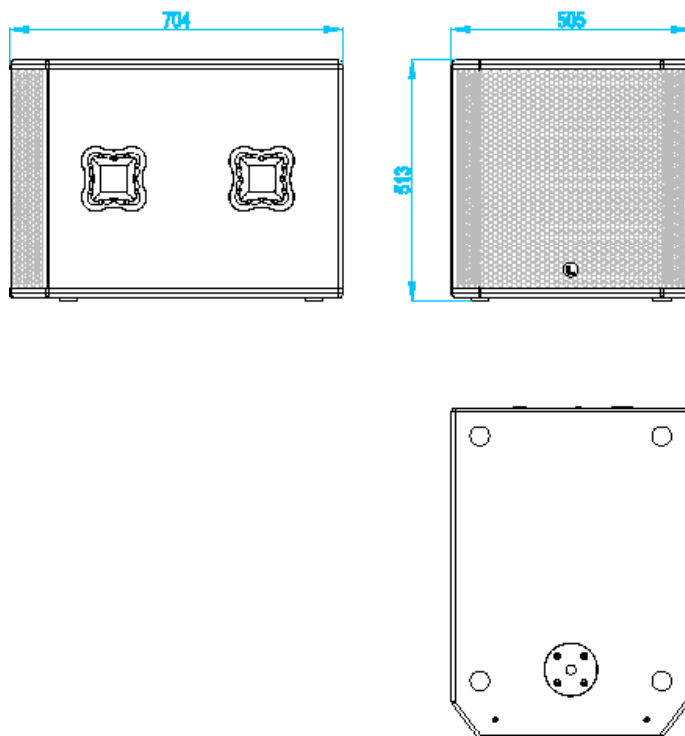
a Digital Signal Processor which offers different presets to cover a wide range of sound applications complementing the column speakers.

Ionic-18S provides quick and easy set ups for both fixed installations and portable applications.






Technical Data

Components	1 x 18" speaker with 3" voice coil
Frequency range	38 Hz - 250 Hz (-10dB)
Frequency response	42 Hz - 250 Hz (± 3dB)
Max SPL	132 dB
Coverage	Omnidirectional
Power	2400W Class D with switching power supply & PFC LF amplifier: 1 x 1400 W @ 8 Ω
Speaker Output Amplifier	2 x 600 W @ 4 Ω
Processing	Internal Lynx Processor DSPB-FL. 96 KHz / 64 bit double-precision, DSP with FIR filter linear phase
Control	User control interface with 2.8" IPS screen
Control Connections	Ethernet (OCS) optional / USB (DSP programming)
Input	Analog / AES3 (optional)
AC Power	85 - 270V. 50/60 Hz with PFC
AC Connections	16A Neutrik powerCon TRUE1 TOP with looping output
Finish	Polyurea coating, black colour
Material	15 mm premium birch plywood
Dimensions	513 x 505 x 704 mm (H x W x D)
Weight	37 kg (81.5 lbs)

Dimensional Drawing



Accessories

	SV-I2S	Sub adaptor for satellite
	GR-18WKIT	Wheel Kit
	FD-IONIC18S	Nylon Protection Cover for Ionic-18S
	VSM-V2	M20 connector plate for M20 pole support TU-C02
	TU-C02	M20 pole support for combination between sub and satellite cabinets