

LYNX
pro-audio

CULTURE OF SOUND



IONIC SERIES CATALOGUE

LATEST EDITION



Ionic Series

SMART & SLIM COLUMN SPEAKERS

Smart & slim column speakers designed for reverberant installations where intelligible, clear voice reproduction is paramount and where a low profile, discreet column is required.

The Ionic range of columns is our solution for lightweight installation column speakers, both portable or permanent applications. It comprises four modular columns, one coaxial cabinet and two subwoofers. Available in a variety of colours/finishes by request.

- ✔ Clubs
- ✔ Public buildings
- ✔ Cruise ships
- ✔ Indoor live events
- ✔ Club & bar installations
- ✔ Houses of worship

Ionic- V28



The Ionic-V28 is a two-way passive column speaker part of the Ionic series. This column is oriented to contain high fidelity voice and has more vertical directivity thanks to the waveguide. It is the newest and most powerful column system in the series and it is ideal for indoor installations. Water-based paint available in several colors. Powered from the subwoofer units which include a DSP offering different presets to cover a wide range of sound applications.

Components	Low/mid: 8 x 4" speakers with 1 $\frac{1}{2}$ " voice coil High: 1 x 1" exit on waveguide
Max SPL	126 dB - 132 dB Peak
Coverage	25° V x 100° H
Power	560 W (1120 W program, 2240 W Peak)
Dimensions	1004 x 118 x 149 mm (H x W x D)
Weight	12 Kg (26.4 lbs)

Ionic- V24



The Ionic-V24 is a two-way passive column speaker part of the Ionic series. This column is oriented to contain high fidelity voice and has more vertical directivity thanks to the waveguide. It is the newest and most powerful column system in the series and it is ideal for indoor installations. Water-based paint available in several colors.

It is powered from the subwoofer units which include a Digital Signal Processor offering different presets to cover a wide range of sound applications.

Components	Low/mid: 4 x 4" speakers with 1" voice coil High: 1 x 1" exit on waveguide
Max SPL	120 dB - 126 dB Peak
Coverage	25° V x 100° H
Power	230 W (460 W program, 920 W Peak)
Dimensions	586 x 118 x 149 mm (H x W x D)
Weight	7 Kg (15.4 lbs)

Ionic- 100 OD



The Ionic-100OD is a passive stainless steel column speaker part of the Ionic series. It is ideal for outdoor installations, receiving the following treatment to be installed outside: micro perforated aluminium grill with special polyester protection against water, tropicalized speaker treatment with special latex covering and double cabinet sealing. It is powered from the subwoofer units which include a Digital Signal Processor offering different presets to cover a wide range of sound applications.

Components	12 x 3" speaker with 0.75" voice coil
Max SPL	121 dB - 127 dB Peak
Coverage	15° ± 5° V x 100° H
Power	300 W (600 W program, 1200 W Peak)
Dimensions	1000 x 89 x 117 mm (H x W x D)
Weight	13 Kg (29 lbs)

Ionic- 50 OD



The Ionic-50OD is a passive stainless steel column speaker part of the Ionic series. It is ideal for outdoor installations, receiving the same treatment as the Ionic-100OD. Powered from the subwoofer units which include a DSP offering different presets to cover a wide range of sound applications. Weight has been left as low as possible providing easy set ups in fixed installation as well as easy transport for portable applications.

Components	6 x 3" speaker with 0.75" voice coil
Max SPL	119 dB - 125 dB Peak
Coverage	15° ± 5° V x 100° H
Power	150 W (300 W program, 600 W Peak)
Dimensions	502 x 89 x 117 mm (H x W x D)
Weight	4.4 Kg (9.7 lbs)

Ionic- 5CXv



The Ionic-5CXv is a passive coaxial speaker for outdoor use. It features double polyurea coating, aluminium grill, polyester foam protection, gamp connectors and the speakers cones are weatherproof on both sides. The cabinet can be selected as 8Ohm low impedance on high impedance for 100v installations.

Components	1 x 5" coaxial speaker with LF 1.5" and HF 1" voice coil
Max SPL	114 dB - 120 dB Peak
Coverage	70° conical dispersion
Power	150 W AES (300 W program, 600 W Peak)
Operating mode	8 Ω / 100 V: 100 W / 75 W / 50 W selectable
Connectors	In: Euroblock terminal Out: Cable gland
Dimensions	152 x 152 x 221 mm (H x W x D)
Weight	3 Kg (6.6 lbs)

Ionic- 18S



The Ionic-18S is a powered subwoofer enclosure part of the Ionic series. It 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 DSP 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.

Components	1 x 18" speaker with 3" voice coil
Max SPL	132 dB Peak
Coverage	Omnidirectional
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters
Power	2400W Class D with switching power supply & PFC
Control	User control interface with 2.8" IPS screen
Control connection	Ethernet (OCS) optional / USB (DSP programming)
Dimensions	513 x 505 x 704 mm (H x W x D)
Weight	37 kg (81.5 lbs)

Ionic- 12S



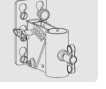
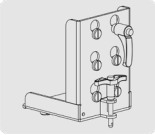

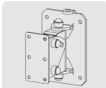






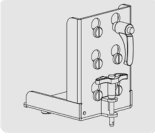

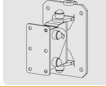

The Ionic-12S is a powered subwoofer enclosure part of the Ionic series. It uses 1 x 12" (3" voice coil) neodymium transducers offering an ultra compact subwoofer enclosure with 127dB SPL. The power module (Class D with switching power supply) includes a DSP which offers different presets to cover a wide range of sound applications complementing the column speakers. Ionic-12S provides quick and easy set ups for both fixed installations and portable applications.

Components	1 x 12" speaker with 3" voice coil
Max SPL	127 dB Peak
Coverage	Omnidirectional
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters
Power	1400 W Class-D with switching power supply & PFC
Control	User control interface with 2.8" IPS screen
Control connection	Ethernet (OCS) optional / USB (DSP programming)
Dimensions	407 x 440 x 520 mm (H x W x D)
Weight	23 kg (50.6 lbs)

ACCESSORIES IONIC SERIES

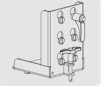




IONICV24/28	SV-23 To connect columns to wall or truss 	WB-I20/2 Wall bracket for column 	SV-POLE 35mm inclinable Pole adaptor 
--------------------	--	--	---

IONIC 50/OD	SV-23 To connect columns to wall or truss 	SV-22 To connect 2 columns 	SV-POLE 35mm inclinable Pole adaptor 	SV-I2S Sub adaptor for satellite, combine columns with sub 
	SV-2I Column cabinets connection 	WB-I20/2 Wall bracket for column 	FC-IONIC Flight case 4 	

IONIC 100/OD	SV-23 To connect columns to wall or truss 	SV-22 To connect 2 columns 	SV-POLE 35mm inclinable Pole adaptor 	SV-I2S Sub adaptor for satellite, combine columns with sub 
	SV-2I Column cabinets connection 	WB-I20/2 Wall bracket for column 	FC-IONIC Flight case 2 	

IONIC 5CXv	UBR-5CXv Wall bracket 
-------------------	--

IONIC 12S	VSM-V2 M2 connector plate 	FD-IONIC12S Nylon protection 	TU-C02 M2 connecting pole 
------------------	--	---	--

IONIC 18S	SV-I2S Sub adaptor for satellite 	VSM-V2 M20 connector plate 	TU-C02 M2 connecting pole 	GR-18WKIT Four wheel kit 	FD-IONIC18S Nylon protection 
------------------	---	---	--	---	---



LYNX

pro-audio

CULTURE OF SOUND



www.lynxproaudio.com