A culture of sound

Product Guide

Science · Art · Technology

Lynx Pro Audio has a simple philosophy:

To design and manufacture the most advanced and technologically innovative sound reinforcement available anywhere in the world.

All our products are designed in-house by highly specialized professionals and manufactured to the most exacting standards at our headquarters in Valencia, Spain. Lynx Pro Audio invests heavily in research & development enabling us to deliver superior sound systems for both professional touring and installation markets.

We recognise the importance of delivering above-average cabinets and this is demonstrated in such products as our pioneering self-powered, DSP controlled cabinets, our inclinometer and the Rainbow prediction software.

The company places integrity before compromise and our portfolio and hundreds of customers worldwide are testament to this commitment. We firmly believe that by delivering the pinnacle of sound excellence our equipment will speak for itself.

Index

Technology

At Lynx Pro Audio, all the technology we employ is our very own. We design and program our own DSP systems and control software.

This allows us to work with the latest technology available for DSPs, AD and DA converters, microprocessors etc. Being able to master such technology allows us to add new features to our products guaranteeing that the users of Lynx Pro Audio systems will always have the latest available upgrades.

DIGITAL PROCESSING

Latest generation 24bit/96Khz digital processor which optimizes the system components.

It includes 2 channel processing electronics with functions for phase correction, driver protection, gain control , equalization, classic crossover and linear phase filtering.

FLOAT POINT OPERATIONS IN DOUBLE PRECISION

The DSP processing works with double precision in floating point, achieving an internal resolution of 56 bits, one of the largest resolutions available on the market today.

This enables the use of high precision filters with extremely low distortion delivering unbeatable sound clarity and quality

AES/EBU

For self-powered Lynx Pro Audio cabinets that have this option, enabling digital audio input signal via AES / EBU protocol, accepting signals up to 24 bits and 192 kHz whilst with the software being able to choose if you want to use the input L , R or L + R.

IMPORT DATA

This feature of our control software allows us to add the electro-acoustic response of the system we want to adjust to our processing chain, enabling us to see the total system response and not just the electrical one.

DIGITAL INCLINOMETER

Automatic function to calculate cabinet splay angles. The inclinometer data can be viewed and controlled from the cabinet LCD display either manually or automatically.

The inclinometer automatically communicates with the DSP and modifies the equalization algorithms. According to the splay angle of the inclinometer the DSP compensates for atmospheric loss.

The result is a more efficient performance and a flat response, even at long distances.

AMPLIFICATION

The Class D amplifier is characterized by high efficiency (low loss of energy), which results in smaller heat sinks and much smaller total power consumed by reducing the weight and size of the amplifier.

Class D amplifiers achieve about 80% higher efficiency than other amplifiers, whose efficiency is approximately 45%. There are significant advantages, the lower dissipation produces less heat and saves circuit board space .

POWER FACTOR CORRECTION

PFC is a measure of how efficiently the load current is being converted into a more useful output current.
With PFC the power supply regulates itself when AC mains change, so the amp power output will not change with mains swinging.

This system is also very environmentally friendly with a reduction of approximately 40% of current draw. It transforms the power consumed in to "useful power" producing less hum and distortion.

NEODYMIUM

Lynx Pro Audio cabinets that use neodymium magnet group components benefit from special characteristics such as improved driver performance and of course the saving in overall system weight.

ETHERNET

This option enables you to connect various devices in a standard Ethernet network and control them remotely through our OCS 'Online Control Software'.

ATMOSPHERIC

Air absorption compensation is an algorithm that compensates for the loss of pressure caused by weather conditions and the distance to the listener's ear from the sound system

By introducing three parameters (temperature, relative humidity and distance) the algorithm calculates the losses and compensates for this loss so they are not apparent in the listening zone.

ONLINE CONTROL SYSTEM

OCS is a software to control each cabinet in real time (via Ethernet or pc).

It obtains detailed information of the cabinet behaviour: RMS levels, Input clip, compression levels, power module temperature, air absorption compensation and cabinet angulation.

OCS allows to control each cabinet: You can change the preset, gain, mute and polarity, activate the SOLO mode and the weather compensation.

CABINET UPDATER

This software enables you to update your cabinets with the latest presets and firmware. Enclosures are connected via Internet to our servers and automatically detects any updates that might have been made for them.

This ensures the end user always has all the improvements developed by our R & D department available for their system.

RAINBOW

Based on polar response measurements, taken meticulously with a 360° vertically and horizontally.

Both coverage, the Rainbow software is reliable to calculate the SPL response including the interaction between them taking into account the magnitude and phase response, in order to enable the user to correct cancellations and even to create them if the acoustical design so requires.

This software is able to import WMF files

LX SERIES

Line Array topology is employed to create cylindrical radiation, increasing throw and achieving a precise control of both horizontal and vertical dispersion. The LX Series have been designed as versatile Line Arrays to be used in a variety of applications, from small theatres to large concerts.

LX Series Line Arrays are designed to offer high levels of SPL and sound clarity with an unbeatable set-up time. Our transducers are custom made and all components are carefully selected to ensure maximum sound quality.

All the cabinets include class D amplification, with switching power supply. The integrated amplification far exceeds the transducers' needs thus resulting in high output, high damping factor and extremely low levels of distortion. Furthermore a Digital Signal Processor is integrated in to each cabinet, optimizing all the system components and electronics. This DSP provides maximum system efficiency and total protection.

LX-V8 was the world's first line array to include a built-in inclinometer and this feature is now included on all LX series cabinets. The inclinometer is an automatic function to calculate cabinet splay angles. The inclinometer data can be viewed and controlled from the cabinet LCD display either manually or automatically. This system communicates with the DSP and modifies the equalization algorithms. According to the splay angle of the inclinometer the DSP compensates for atmospheric loss. The result is a more efficient performance and a flat response, even at long distances. Ethernet capabilities are also available allowing the user to monitor and control the cabinets online.

LX SERIES

LX-V12

Extremely high power, Self-powered Class D with PFC (Power Factor Correction), three-way Line Array.

Dual LF 12" (4" interleaved sandwich voice coil) neodymium woofers with double demodulating rings, Four MF 6.5" transducers with glass fiber cones & ultra-light voice coil and two HF 1.4" neodymium magnet drivers with titanium diaphragm and individual high precision wave guide.

DSP (FIR technology) controlled with 4000W amplification, 143dB SPL, built-in inclinometer.

Specs

Components	LF: 2 x 12" neodymium Interleaved Sandwich Voice Coil.MF: 4 x 6.5" neodymium Glass fiber cones.HF: 2 x 1.4" neodymium drivers with titanium diaphragm and individual wave guides.	**HF Amplifier**	1 x 600 W
		Processing	56 bit Lynx dspb-24 with FIR filters
		Control	Cabinet angle detection – temperature sensor – Fan speed – Online Control
Frequency Range	45Hz – 20KHz (- 10dB)	**Control Connections**	Ethernet (OCS) optional / USB (DSP programming)
Frequency Response	55Hz – 18KHz (± 3dB)	**AC Power**	85 – 270V. 50/60 Hz with PFC
Max. SPL	140dB / 143 dB peak	**AC Connections**	32A Neutrik powerCON NAC3FC-HC
Coverage Angle	100° H x V according to configuration	**Finish**	High resistant water-based black paint
Power	4000 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	2 x 1200 W	**Dimensions**	378 x 1175 x 479 mm (H x W x D)
MF Amplifier	1 x 1000 W	**Weight**	74 Kg (163 lbs)

Accessories

BALL-PSR1020
Ball pin

CA-LXV12
Transport dolly

ST-LX318CV
Connection system

SC-LXV12/8
Connection system

SV-LXV12
Aluminium flying frame

FD-1LXV12NL
Rain cover

FD-4LXV12
Nylon cover

LX-V8

LX SERIES

Compact Self-powered (Class D switch mode power supply) V-Configuration front loaded, two-way Line Array, dual 8" neodymium transducers with nomex cones and two 1" neodymium magnet drivers with titanium diaphragm and individual wave guide,

DSP (FIR technology) controlled with 1500W amplification, 134dB SPL, built-in inclinometer.

Specs

Components	LF/MF 2 x 8" neodymium, custom Nomex cone. HF 2 x 1" Titanium diaphragm with individual wave guides	**HF Amplifier**	1 x 500 W
		Processing	56 bit Lynx dspb-22 with FIR filters
		Control	Cabinet angle detection – temperature sensor – Fan speed – Online Control
		Control connections	Ethernet (OCS) optional / USB (DSP programming)
Frequency Range	65Hz – 20KHz (- 10dB)	**AC Power**	230V / 115V selectable. 50/60 Hz 3A
Frequency Response	75Hz – 18KHz (± 3dB)	**AC Connections**	16A Neutrik powerCON with link output
Max. SPL	131dB / 134 dB peak	**Finish**	High resistant water-based black paint
Coverage Angle	90° H x V according to configuration	**Material**	15mm Premium birch plywood
Power	1500 W Class D with switching power supply	**Dimensions**	260 x 908 x 505 mm (H x W x D)
LF/MF Amplifier	2 x 500 W	**Weight**	43 Kg (94 lbs)

Accessories

BALL-PSR0820
Ball pin

SV-LXV8
Steel flying frame

SV-LXV8ALU
Alum. flying frame

CA-LXV8
Transport dolly

SC-LXV12/8
Flying adaptor

ST-LX318CV
Flying adaptor

ST-LX218SV
Stack adaptor

FD-1LXV8NL
Rain cover

FD-4LXV8/ FD-6LXV8
Nylon protection

LX SERIES

LX-F6 & LX-F6P

Ultra-compact Self-powered (Class D switch mode power supply) front loaded, three-way Line Array, dual 6" neodymium transducers with nomex cones and one 5"x1" AMT with kapton diaphragm.

DSP (FIR technology) controlled with 1500W amplification , 127dB SPL, built-in inclinometer. A passive version of this cabinet is also available for 'slave link'.

Active and passive versions.

Specs

Components	LF/MF Dual 6" custom Nomex cones + Neodymium magnets – HF one 5"x1" AMT (air motion transformer)		**HF Amplifier**	1 x 750 W (only LX-F6)
			Processing	56 bit Lynx dspb-22 with FIR filters (only LX-F6)
			Control	Cabinet angle detection – temperature sensor – Fan speed – Online Control (only LX-F6)
			Control Connections	Ethernet (OCS) optional / USB (DSP programming) (only LX-F6)
Frequency Range	75Hz – 20KHz (- 10dB)		**AC Power**	230V / 115V selectable. 50/60 Hz 5A (only LX-F6)
Frequency Response	90Hz – 18KHz (± 3dB)		**AC Connections**	16A Neutrik powerCON with link output (LX-F6)
Max. SPL	124 dB / 127 dB peak		**Finish**	High resistant water-based black paint
Coverage Angle	100º H x V according to configuration.		**Material**	Premium birch plywood
Power	1500 W Class D switching power supply (only LX-F6)		**Dimensions**	204 x 644 x 290 mm (H x W x D)
LF/MF Amplifier	1 x 750 W (only LX-F6)		**Weight**	23 Kg (50 lbs) / Passive 20Kg (44 lbs)

Accessories


FC-LX212/F6 / FC-LXF6
Flight case


FD-1LXF6NL
Rain cover


SP-TLF6
Adjustable support


SA-212
Under-sub


SA-F6
Negative ang


ST-212
Stack on sub


SS-LXF6
Ground stack


SV-LXF6
Flying frame


BALL-PSR0820R
Ball pin

LX-318C

LX SERIES

Extremelly high power, self-powered (Class D switch mode power supply) Cardioid sub-bass cabinet with three 18" (5" voice coil) low frequency neodymium transducers with Double Silicon Spider (DSS) technology and reinforced cones with carbon fiber.

DSP (FIR technology) controlled with 4200W amplification with PFC (Power Factor Correction), 141dB SPL.

Specs

Components	Front: 2 x 18" (5" voice coil) neodymium. DDS technology. Reinforced cone with carbon fiber. Rear: 1 x 18" (5" voice coil) neodymium. DDS technology. Reinforced cone with carbon fiber.	**Coverage Angle**	Depending on selected DSP configuration
		Power	4200 W Class D with switching power supply and PFC (Power Factor Correction)
		Processing	56 bit Lynx dspb-22
Frequency Range	Cardiod: 30Hz – 100Hz (- 10dB) Omni: 30Hz – 160Hz (- 10dB)	**Control**	Temperature sensor – Fan speed
		Control Connections	Ethernet (OCS) optional / USB (DSP programming)
		AC Power	85V – 270V. 50/60 Hz with PFC
		AC Connections	32A Neutrik powerCON NAC3FC-HC
Frequency Response	Cardioid: 32Hz – 95Hz (± 3dB) Omni: 32Hz – 140Hz (± 3dB)	**Finish**	High resistant water-based black paint
		Material	18mm Premium birch plywood
Max. SPL	138dB / 141 dB peak	**Dimensions**	620 x 1205 x 970 mm (H x W x D)
Format	Cardioid or omnidirectional	**Weight**	112 Kg (245 lbs)

Accessories

BALL-PSR1020
Ball pin

CA-LX318C
Transport dolly

ST-LX318CV
Connection system

KV-318C
Adaptator kit

SV-LX318C
Flying frame

FD-1LX318CNL
Rain cover

FD-2LX318C / FD-3LX318C
Nylon protection

LX SERIES

LX-218S

High power, self-powered (Class D switch mode power supply) front loaded, sub-bass cabinet with two 18" (4" voice coil) low frequency neodymium transducers.

DSP controlled with 3600W amplification with PFC (Power Factor Correction), 139dB SPL.

Specs

Components	2 x 18" (4" voice coil) neodymium, custom Nomex cone	**Control**	Temperature sensor
Frequency Range	30Hz – 200Hz (- 10dB)	**Control Connections**	Ethernet (OCS) optional / USB (DSP programming)
Frequency Response	35Hz – 125Hz (± 3dB)	**AC Power**	85V - 270V 50/60 Hz with PFC
Max. SPL	136dB / 139 dB peak	**AC Connections**	16A Neutrik powerCON with link output
Format	Bass reflex, Direct radiation	**Finish**	High resistant water-based black paint
Coverage Angle	360º single unit	**Material**	18mm Premium birch plywood
Power	3600 W Class D with switching power supply and PFC (Power factor Correction)	**Dimensions**	532 x 1080 x 700 mm (H x W x D)
Processing	56 bit Lynx dspb-22	**Weight**	72 Kg (158 lbs)

Accessories

FD-2LX218S / FD-3LX218S
Nylon protection

FD-1LX218SNL
Rain cover

SV-LX218S
Flying frame

KV-218S
Adaptator kit

ST-LX218SV
Connection system

CA-LX218S
Transport dolly

BALL-PSR0820
Ball pin

LX-212S

LX SERIES

High power, self powered (Class D switch mode power supply) sub-bass cabinet with two 12" (4" ISV voice coil) low frequency transducers with double spider for improved control & linearity, direct radiation configuration.

DSP controlled with 2000W amplification, 136dB SPL.

Specs

Components	2 x 12" (4" voice coil), DUO	**Control**	Temperature sensor – Fan speed
Frequency Range	25Hz – 300Hz	**Control Connections**	Ethernet (OCS) optional / USB (DSP Programming)
Frequency Response	35Hz – 250Hz ± 3dB	**AC Power**	230V / 115V selectable. 50/60 Hz 3A
Max. SPL	133dB / 136 dB peak	**AC Connections**	16A Neutrik powerCON with link output
Format	Bass reflex, direct radiation	**Finish**	High resistant water-based black paint
Coverage Angle	360º single unit	**Material**	18mm Premium birch plywood
Power	2000 W Class D with switching power supply	**Dimensions**	522 x 646 x 525 mm (H x W x D)
Processing	56 bit Lynx dspb-22	**Weight**	58 Kg (128 lbs)

Accessories

BALL-PSR0820
Ball pin

SV-LX212S
Flying frame

FD-1LX212SNL
Rain cover

FC-LX212/F6
Flight case

CXA SERIES

The CXA is intended as a flexible solution for both fixed installations and touring where wide coverage is required from as few line array elements as possible.

Designed to be flown either horizontally or vertically, this line source system can be used as a single element or a combination of a maximum of 4 cabinets in array configuration delivering a 72º coverage in the vertical plane. Our HF Multidriver Waveguide system delivers 100H x 18V precise coverage for a multitude of installations. Thanks to its careful construction it can also be installed for symmetrical HF dispersion.

The CXA Array models are self-powered (Class D) with switching power supply and 1400W of amplification each. They are also controlled by the latest generation of Digital Signal Processing with a DSP integrated in to each cabinet, optimizing all the system components and electronics, providing maximum system efficiency and total protection.

CXA SERIES

CXA-12

High Output, self powered (class D switch mode power supply with PFC), constant curvature line array element.

Consists of a 12" (2.5" voice coil) transducer with special HF Multidriver Waveguide system delivering 100ºH x 18ºV precise coverage. DSP (FIR technology) controlled with 1400W amplification, 128dB SPL

Specs

Components	LF: 12", 2.5" voice coil, Malt Cross Cooling System	**Processing**	48 KHz / 56 bit double precision DSP with FIR filters
	HF: Multidriver system with wave guide, 1.4" aluminium voice coil with titanium diaphragm	**Control**	User control interface with LCD
Frequency Range	60 Hz - 20 KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	70 Hz - 18 KHz (± 3dB)	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	128 dB	**AC Connections**	16A Neutrik powerCON TRUE1 with looping output
Coverage	100º H x 18º V	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	1 x 800 W	**Dimensions**	357 x 632 x 484 mm (H x W x D)
HF Amplifier	1 x 600 W	**Weight**	31 Kg (68 lbs)

Accessories


SV-CXA
Flying frame


BALL-PSR6
Ball pin


SB-02
Stand


TU-C01
Connecting pole


TU-C02
M20 pole


FD-1CXA12NL
Rain Cover


FC-3CXA12
Flight case

CXA-18S

CXA SERIES

High output, self powered (class D switch mode power supply with PFC), omni-directional sub bass cabinet.

Consists of a 18" (4" ventilated voice coil) neodymium transducer. DSP controlled with 1400W amplification, 132dB SPL.

Specs

Components	LF: 18", 4" voice coil, Neodymiun magnet assembly	**Control**	User control interface with LCD
Frequency Range	30 Hz - 140 Hz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	35 Hz - 125 Hz (± 3dB)	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	132 dB	**AC Connections**	16A Neutrik powerCon TRUE1 with looping output
Coverage	Omnidirectional	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	18mm Premium birch plywood
LF Amplifier	1 x 1400 W	**Dimensions**	556 x 632 x 696 mm (H x W x D)
Processing	48 KHz / 56 bit double precision DSP	**Weight**	45 Kg (99 lbs)

Accessories

SV-CXA
Flying frame

BALL-PSR6
Ball pin

GR-18WKIT
Wheel kit

FD-1CXA18SNL
Rain Cover

FD-CXA18S
Nylon Protection


Coca-Cola
valencia
basket
club
des de 1986
EsperitTaronja
PULEVA
PULEVA
PULEVA
PULEVA
PULEVA
AFICIO TOTS
7
6
KAZAN
20
KAZAN

ADP SERIES

The ADP range of cabinets is designed for both portable and permanent installations. They offer one of the most technologically advanced sound products available on the market, with a tour-friendly range of powered cabinets designed for quick and easy set-ups and with no need for heavy external amplification racks. The ADP Series offer high levels of SPL and sound clarity whilst maintaining a compact and portable design, with an unbeatable power to size ratio.

All the transducers are custom made with neodymium magnets, being much lighter than a conventional speaker. The ADP units use Class D amplification with switching power supply. The integrated amplification far exceeds the transducers' needs thus resulting in high output, high damping factor and extremely low levels of distortion. Furthermore a Digital Signal Processor is integrated in to each cabinet, providing maximum system efficiency and total protection.

Every box comes with 20 presets which include full-range, various crossovers and a flat preset so that the user can adjust the parameters manually. Ethernet capabilities are also available allowing the user to monitor and control de cabinet online. The ADP cabinets offer the utmost sound reinforcement reliability, incorporating the latest acoustical and electronical technology and delivering incredible, dynamic sound.

ADP SERIES

ADP-215

High Output, self powered (Class D switch mode power supply), two-way cabinet.

Consists of two 15" neodymium magnet transducers with nomex cones & suspension and a 1.4" exit compression driver with titanium diaphragm, mounted on a 60ºH x 50ºV constant directivity horn.

DSP (FIR technology) controlled with 2000W amplification, 143dB SPL.

Specs

Components	LF/MF 2 x 15" neodymium + 1.4" HF titanium diaphragm 3" voice coil compression driver	**Cabinet adjustment**	back panel LCD
Frequency range	40 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system, Fan Speed
Frequency Response	45 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP programming)
Max. SPL	140 dB / 143dB peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	60ºH x 50ºV constant directivity horn	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	2000 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	2 x 750 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 500 W	**Dimensions**	1147 x 489 x 415 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	52 kg (114 lbs)

Accessories

FD-ADP215
Nylon protection

FD-ADP215NL
Rain cover

SP-LXADP
Connection plate

SC-FC2
Heavyweight install stud

ADP-15

High Output, self powered (Class D switch mode power supply), two-way cabinet.

Consists of a 15" neodymium magnet transducer with nomex cones and a 1.4" compression driver with a 2.5" voice coil titanium diaphragm mounted on a 80ºH x 50ºV constant directivity, rotatable horn.

DSP (FIR technology) controlled with 1500W amplification, 136dB SPL

Specs

Components	LF/MF 1 x 15" neodymium + HF driver 1.4" titanium diaphragm 2.5" voice coil	**Cabinet adjustment**	back panel LCD
Frequency range	60 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system, Fan speed
Frequency Response	70 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP programming)
Max. SPL	133 dB / 136 peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	80º H x 50º V rotatable horn	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1500 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 750 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 750 W	**Dimensions**	677 x 460 x 431 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	39 Kg (86 lbs)

Accessories

CS-1215
Cluster

SB-02
Stand

SC-FC1
Lightweight install stud

TU-C01
Connecting pole

TU-C02
Pole support

VSM-V1
Top hat

WB-03
Wall bracket

FD-ADP15NL
Rain cover

ADP SERIES

ADP-12

High Output, self-powered (Class D switch mode power supply), two-way cabinet.

Consists of a 12" (3" voice coil) neodymium magnet transducer with nomex cones and a 1.4" compression driver with a 2.5" voice coil titanium diaphragm mounted on a 80ºH x 50ºV constant directivity rotatable horn.

DSP (FIR technology) controlled with 1500W amplification, 136dB SPL.

Specs

Components	LF/MF 1 x 12" neodymium (3" Interleaved Sandwich voice coil) + HF 1.4" titanium diaphragm 2.5 voice coil	**Cabinet adjustment**	back panel LCD
Frequency range	60 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system, Fan speed
Frequency Response	65 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional USB (DSP programming)
Max. SPL	133 dB / 136dB peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	80º H x 50º V Rotatable horn	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1500 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 750 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 750 W	**Dimensions**	637 x 376 x 411 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	28 kg (62 lbs)

Accessories


FD-ADP12NL
Rain cover


WB-03
Wall bracket


VSM-V1
Top hat


TU-C02
Pole support


TU-C01
Connecting pole


SC-FC1
Lightweight install stud


SB-02
Stand


CS-1215
Cluster support

ADP-26

ADP SERIES

High Output, self-powered (Class D switch mode power supply), two-way cabinet.

Consists of two 6" (1.5" voice coil) neodymium magnet transducers with aluminium demodulating rings and a 1" compression driver with titanium diaphragm, mounted on a 90ºH x 60ºV rotatable, exponential horn.

DSP (FIR technology) controlled with 1000W amplification, 127dB SPL.

Specs

Components	LF/MF 2 x 6" neodymium (aluminium demodulating rings) + HF 1" titanium diaphragm compression driver	**Cabinet adjustment**	back panel LCD
Frequency range	65 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system
Frequency Response	75 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP program.)
Max. SPL	124 dB / 127 peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	90º H x 60º V rotatable horn	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1000 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 500 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 500 W	**Dimensions**	530 x 222 x 269 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	13kg (28 lbs)

Accessories

AGR-6
Eye bolt

SB-02
Stand

TU-C01
connecting pole

TU-C02
pole support

VSM-V1
Top hat

WB-03
Wall bracket

ADP-212M

High output, self powered (class D switch mode power supply) with PFC (Power Factor Correction), two-way stage monitor.

Consists of two 12" transducers with aluminium voice coil and a compression driver with 1.4" titanium diaphragm with 55° conic dispersion.

DSP (FIR technology) controlled with 2250W amplification, 139dB SPL.

Specs

Components	LF/MF 2×12" + 1.4" titanium diaphragm HF driver	**Cabinet adjustment**	side panel LCD
Frequency range	55 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Fan speed / Online Control OCS system
Frequency Response	60 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP program.)
Max. SPL	136 dB / 139 dB peak	**AC Power**	85V – 270V. 50/60 Hz with PFC 3A
Coverage angle	55° H x 55° V	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	2250 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 1500 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 750 W	**Dimensions**	445 x 688 x 655 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	42 kg (92 lbs)

Accessories

FC-212MX2
Flight case

ADP-15M

High output, self powered (Class D switch mode power supply), two-way stage monitor.

Consists of a 15" coaxial neodymium magnet transducer with nomex cone and suspension.
Compression driver with a 1.4" titanium diaphragm with 90º conic dispersion.

DSP (FIR technology) controlled with 1500W amplification, 133dB SPL.

Specs

Components	LF/MF 1×15" neodymium + 1.4" titanium diaphragm HF driver	**Cabinet adjustment**	side panel LCD
Frequency range	60 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system, Fan speed
Frequency Response	70 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP program.)
Max. SPL	130 dB / 133dB peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	90º H x 90º V	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1500 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 750 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 750 W	**Dimensions**	434 x 620 x 618 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	26 kg (57 lbs)

Accessories

FC-15MX2
Flight case

ADP SERIES

ADP-12M

High output, self powered (Class D switch mode power supply), two-way stage monitor.

Consists of a 12" (3" voice coil) coaxial transducer with demodulating rings and a 3" VC compression driver with a titanium diaphragm and a 40ºH x 60ºV dispersion horn.

DSP (FIR technology) controlled with 1500W amplification, 132dB SPL.

Specs

Components	LF/MF 1 x 12" coaxial neodymium + 3" VC HF compression driver	**Cabinet adjustment**	Side panel LCD
Frequency range	60 Hz – 20 KHz (-10 dB)	**Internal Controls**	Temperature sensor, Online Control system, Fan speed
Frequency Response	75 Hz – 18 KHz (± 3 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP program.)
Max. SPL	129 dB / 132 dB peak	**AC Power**	230V / 115V selectable. 50/60 Hz 5A
Coverage angle	40º H x 60º V	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1500 W Class D	**Material**	15mm Premium birch plywood
LF/MF amplifier	1 x 750 W	**Finish**	High resistant water-based black paint
HF amplifier	1 x 750 W	**Dimensions**	370 x 470 x 554 mm (H x W x D)
Processing	56 bit Lynx DSPB-22 with FIR filters	**Weight**	20 kg (44 lbs)

Accessories

FC-12MX2
Flight case

ADP-18S

High output, self powered (Class D switch mode power supply) direct radiation sub bass cabinet.

Consists of an 18" (4" DUO voice coil) neodymium magnet transducer with DCS (Double Conex Spider) technology.

DSP controlled with 1400W amplification with PFC, 136dB SPL

Specs

Components	1 x 18" Neodymium Woofer with Nomex cone	**Internal Controls**	Temperature sensor, Online Control system
Frequency range	30 Hz – 250 Hz (-10 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP programming)
Frequency Response	35 Hz – 150 Hz (± 3 dB)		
Max. SPL	133 dB/ 136 dB peak	**AC Power**	90 – 264V. 50/60 Hz with PFC
Coverage angle	Omnidirectional	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1000 W Class D switching power supply & PFC	**Material**	18mm Premium birch plywood
Configuration	Bass-reflex, Direct radiation	**Finish**	High resistant water-based black paint
Processing	56 bit Lynx DSPB-22	**Dimensions**	707 x 525 x 717 mm (H x W x D)
Cabinet adjustment	back panel LCD	**Weight**	51 kg (112 lbs)

Accessories


TU-C01
Connecting pole


TU-C02
Pole support


VSM-V1
Top hat


VSM-V2
Connector plate


FD-ADP18SNL
Rain cover

ADP SERIES

ADP-12S

High output, self powered (Class D switch mode power supply) direct radiation sub bass cabinet.

Consists of an 12" (4" ISV voice coil) neodymium magnet transducer with double spider for improved linearity.

DSP controlled with 1400W amplification with PFC, 134dB SPL.

Specs

Components	1 x 12" Neodymium Woofer with Nomex cone	**Internal Controls**	Temperature sensor, Online Control system
Frequency range	40 Hz – 180 Hz (-10 dB)	**Control Connections**	Ethernet (OCS) optional, USB (DSP programming)
Frequency Response	45 Hz – 150 Hz (± 3 dB)		
Max. SPL	131 dB/ 134 dB peak	**AC Power**	90 – 264V. 50/60 Hz with PFC
Coverage angle	Omnidirectional	**AC Connections**	16A Neutrik powerCON with link output
Power Amplifier	1000 W Class D with switching power supply	**Material**	15mm Premium birch plywood
Configuration	Bass-reflex, Direct radiation	**Finish**	High resistant water-based black paint
Processing	56 bit Lynx DSPB-22	**Dimensions**	495 x 380 x 644 mm (H x W x D)
Cabinet adjustment	back panel LCD	**Weight**	29 kg (64 lbs)

Accessories


FD-ADP12SNL
Rain cover


VSM-V2
Connector plate


VSM-V1
Top hat


TU-C02
Pole support


TU-C01
Connecting pole

GXR SERIES

Both compact and powerful, the GXR Series is our latest solution for portable, light weight, powered speakers. Designed as a more economical solution to the ADP Series, the GXR series retains all the features and delivers all the power of a truly first class touring series.

The series incorporates a new compact line array, the top enclosure GXR-LA10A offering 2 x 10" and two options for the LF. Furthermore the series offer three full range (two-way) models including 12", 15", dual 15" and one 18" subwoofer. All models are self-powered (Class D) with switching power supply and 1400W of amplification each. The integrated amplification far exceeds the transducers' needs thus resulting in high output, high damping factor and extremely low levels of distortion. The high efficiency modules also include PFC, guaranteeing reliability and consistency in all operating conditions and low power consumption (less than 0.55W in standby).

All GXR Series cabinets are controlled by the latest generation of Digital Signal Processing with a DSP integrated in to each cabinet. This DSP, with 56bit internal processing and double dynamics optimizes all the system components and electronics, providing maximum system efficiency and total protection whilst significantly and noticeably lowering distortion. They also utilize linear phase FIR filters.

All the cabinets are finished in rugged, premium birch plywood, coated with water-based black paint and protected by front steel grilles all backed with a special dark grey triple layer, acoustical textile which allows greater air flow and reduces heat and humidity.

GXR SERIES

GXR-LA10A

High output line array, self powered (class D switch mode power supply with PFC) Bi-amp, two-way.

Consists of dual 10" transducers (2" voice coil) with a 1.4" compression driver (3" voice coil and titanium diaphragm) coupled to a waveguide (100ºH x 10ºV).DSP (FIR filters) controlled with 1400W amplification, 135 dB SPL

Specs

Components	LF: 10", 2" voice coil, Malt Cross Cooling System	**Processing**	96 KHz / 56 bit double precision DSP with FIR filters
	HF: 1.4" Exit throat, 3" voice coil with titanium diaphragm	**Control**	User control interface with LCD
Frequency Range	60Hz - 20 KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	75Hz - 18 KHz (± 3dB)	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	135dB	**AC Connections**	16A Neutrik powerCon TRUE1 with looping output
Coverage Angle	100º H x 10º V	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	1 x 800 W	**Dimensions**	299 x 790 x 436 mm
HF Amplifier	1 x 800 W	**Weight**	31 Kg (68.2 lbs)

Accessories

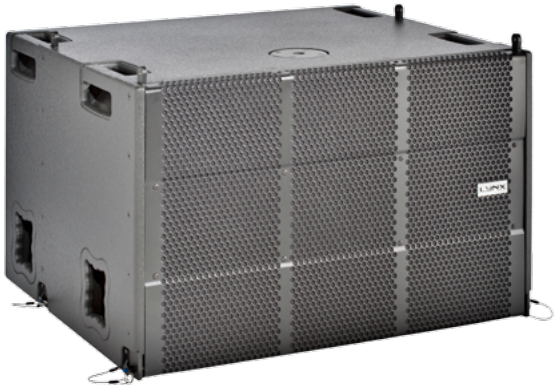

FC-GXRLA10A
Flight case


FD-1GXRLA10ANL
Rain cover


BALL-PSR6
Ball pin


SV-GXRLA10A
Flying frame

GXR-D15A



High output subwoofer, self powered (class D switch mode power supply with PFC) Bi-amp.

Consists of dual 15" neodymium low frequencies transducers (4" voice coil), direct radiation configuration.DSP controlled with 2400W amplification, 134 dB SPL

Specs

Components	LF: 2 x 15" (4" voice coil), neodymium magnetic assembly	**Processing**	96 KHz / 56 bit double precision DSP
		Control	User control interface with LCD
Frequency Range	30Hz - 140KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	35 Hz – 125 Hz (± 3dB) processed	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	134 dB	**AC Connections**	16A Neutrik powerCon TRUE1 with looping output
Coverage Angle	Omnidirectional	**Finish**	High resistant water-based black paint
Power	2400 W Class D with switching power supply & PFC	**Material**	18mm Premium birch plywood
LF Amplifier	2 x 1200 W	**Dimensions**	505 x 790 x 690 mm
		Weight	63 Kg (139 lbs)

Accessories

FD-1GXRD15A
Rain cover

BALL-PSR6
Ball pin

SV-GXRLA10A
Flying frame

GXR SERIES

GXR-D18A

High output subwoofer, self powered (class D switch mode power supply with PFC) Bi-amp.

Consists of dual 18" neodymium low frequencies transducers (4" voice coil), direct radiation configuration.DSP controlled with 2400W amplification, 134 dB SPL

Specs

Components	LF: 2 x 18" (4" voice coil), neodymium magnetic assembly	**Processing**	96 KHz / 56 bit double precision DSP
		Control	User control interface with LCD
Frequency Range	30 Hz – 120 Hz (-10dB) processed	**Control Connections**	USB (DSP programming)
Frequency Response	35 Hz – 100 Hz (± 3dB) processed	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	134 dB	**AC Connections**	16 A Neutrik powerCON TRUE1 with looping output
Coverage Angle	Omnidirectional.	**Finish**	High resistant water-based black paint
Power	2400 W Class D with switching power supply & PFC	**Material**	18mm Premium birch plywood
LF Amplifier	2 x 1200 W	**Dimensions**	600 x 1100 x 750 mm
		Weight	92 Kg (202 lbs)

Accessories

FD-1GXRD18A
Rain cover

GXR-15

High Output, self powered (class D switch mode power supply with PFC), two-way cabinet.

Consists of a 15" (2.5" voice coil) transducer with a 1" compression driver with a polyimide diaphragm mounted on a 90ºH x 40ºV precise directivity horn. DSP (FIR Filters) controlled with 1400W amplification, 128dB SPL

Specs

Components	LF: 15" 2,5" voice coil, Malt Cross Cooling System	**Processing**	48 KHz / 56 bit double precision DSP with FIR filters
	HF: 1" Exit compression Driver , 1,7" aluminium voice coil	**Control**	User control interface with LCD
Frequency Range	60Hz - 20KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	66Hz - 18KHz (± 3dB)	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	128 dB	**AC Connections**	16 A Neutrik powerCON TRUE1 with looping output
Coverage Angle	90º x 40º constant directivity horn. Rotatable.	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	1 x 800 W	**Dimensions**	730 x 444 x 433 mm (H x W x D)
HF Amplifier	1 x 600 W	**Weight**	28.5 Kg (62.8 lbs)

Accessories


AGR-10
Eye bolt


WB-03
Wall bracket


TU-C01
Connecting pole


TU-C02
M20 pole


SB-02
Stand


FD-GXR15
Nylon protection


FC-GXR15X2
Flight case

GXR SERIES

GXR-12

High Output, self powered (class D switch mode power supply with PFC), two-way cabinet.

Consists of a 12" (2.5" voice coil) transducer with a 1" compression driver with a polyimide diaphragm mounted on a 90ºH x 40ºV precise directivity horn. DSP (FIR Filters) controlled with 1400W amplification, 127dB SPL

Specs

Components	LF: 12". 2,5" voice coil, Malt Cross Cooling System	**Processing**	96 KHz / 64 bit double precision DSP with FIR filters
	HF: 1" Exit compression Driver , 1,75" aluminium voice coil	**Control**	User control interface with LCD
Frequency Range	60Hz - 20KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	66Hz-18KHz (± 3dB)	**AC Power**	90 – 264V. 50/60 Hz with PFC
Max. SPL	127 dB	**AC Connections**	16 A Neutrik powerCON TRUE1 with looping output
Coverage Angle	90º x 40º constant directivity horn. Rotatable.	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	1 x 800 W	**Dimensions**	639 x 370 x 386 mm (H x W x D)
HF Amplifier	1 x 600 W	**Weight**	23.5 Kg (51.7 lbs)

Accessories


FC-GXR12X2
Flight case


FD-GXR12
Nylon protection


SB-02
Stand


TU-C02
M20 pole


TU-C01
connecting pole


WB-03
Wall bracket


AGR-10
Eye bolt

GXR-18S

High output, self powered (class D switch mode power supply with PFC), direct radiation sub bass cabinet.

Consists of a 18" (3" voice coil) transducer with triple roll surround. DSP controlled with 1400W amplification, 132dB SPL.

Specs

Components	LF: 1 x 18". 3" voice coil,	**Control**	User control interface with LCD
Frequency Range	38Hz - 140Hz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	44Hz - 125Hz (± 3dB)	**AC Power**	85 – 270V. 50/60 Hz with PFC
Max. SPL	132 dB	**AC Connections**	16 A Neutrik powerCON TRUE1 with looping output
Coverage Angle	Omnidirectional	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	18mm Premium birch plywood
LF Amplifier	1 x 1400 W	**Dimensions**	505 x 505 x 700.5 mm (H x W x D)
Processing	48 KHz / 56 bit double precision DSP	**Weight**	41 Kg (90 lbs)

Accessories

GR-18WKIT
Wheel kit

FD-GXR18S
Nylon protection

GXR SERIES

High Output, self powered (class D switch mode power supply with PFC), two-way cabinet.

Consists of dual 15" (2.5" voice coil) transducers with a 1.4" compression driver with a PM4 polymer diaphragm mounted on a 60ºH x 50ºV constant directivity horn. DSP (FIR Filters) controlled with 1400W amplification, 131dB SPL

GXR-215

Specs

Components	LF: 2 x 15" 2,5" voice coil, Malt Cross Cooling System	**Processing**	48 KHz / 56 bit double precision DSP with FIR filters
	HF: 1'4" Exit compression Driver , 1,75" aluminium voice coil	**Control**	User control interface with LCD
Frequency Range	55Hz - 20 KHz (-10dB)	**Control Connections**	USB (DSP programming)
Frequency Response	60Hz - 18 KHz (± 3dB)	**AC Power**	85 – 270V. 50/60 Hz with PFC
Max. SPL	131dB	**AC Connections**	16 A Neutrik powerCON TRUE1 with looping output
Coverage Angle	60º H x 50º V constant directivity horn.	**Finish**	High resistant water-based black paint
Power	1400 W Class D with switching power supply & PFC	**Material**	15mm Premium birch plywood
LF Amplifier	1 x 800 W	**Dimensions**	1140 x 444 x 486 mm (H x W x D)
HF Amplifier	1 x 350 W @ 8 ohm	**Weight**	45 Kg (99 lbs)

Accessories

FD-GXR215
Nylon protection

AGR-10
Eye bolt

HR SERIES

The HR Series has been designed to offer the utmost sound quality for installations. The range consists of 10 different two-way, full-range and 4 sub-bass options, all delivering high output whilst retaining exceptional clarity, efficiency and guaranteeing lower distortion whilst delivering superior reliability and sonic performance.

All full range models are either bi-amp or passive selectable. For greater flexibility the 12" and 15" full range cabinets are available in 4 different options depending on the coverage pattern and power required for the installation and for sub-bass reinforcement two different dual 18" are also available.

After considerable testing only the best components have been selected for the HR series. Materials such as hexacone, neodymium, nomex are all employed in our LF/MF drivers to ensure superior performance. The high frequency drivers all use either mylar, titanium or polyimide each with their own unique benefits and qualities whilst our aluminium horns offer improved compression driver cooling and very low distortion at high pressure levels.

All HR Series cabinets are finished in rugged, premium birch plywood, coated with water-based black paint and protected by front steel grilles all backed with a special dark grey triple layer, acoustical textile which allows greater air flow and reduces heat and humidity.

HR SERIES

HR-1564/7 & HR-1596/7

High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of a 15" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The model HR-1564/7 provides a narrow dispersion of 60º x 40º (rotatable) and the model HR-1596/7 offers a wide dispersion of 90º x 60º (rotatable).

129dB SPL (1400W program)

Specs

Components	LF: 15". 3.5" aluminium voice coil, waterproof front side cone treatment, neodymium magnet	**Rated power (AES)**	Passive: 700 W (1400 W prog, 2800 W peak)
	HF: 1.4" Exit compression Driver, 2.5" aluminium voice coil, Titanium diaphragm		Bi- Amp LF: 700 W (1400 W prog, 2800 W peak)
Frequency Range	58 Hz - 20 KHz (-10dB)		Bi-Amp HF: 80 W (160 W program, 320W peak)
Frequency Response	64 Hz - 18 KHz (± 3dB)	**Crossover**	Bi-Amp / Passive (Selectable)
Sensitivity	Passive Mode: 94 dB (1W@1m)	**Nominal Impedance**	8 Ohms Passive / Biamp LF 8 Ohms, HF 8 Ohms.
Max. SPL	Passive Mode: 123dB - 129dB Peak	**Connectors**	2 x Neutrik Speakon NL4MP
	Bi-Amp LF: 126dB - 132dB Peak	**Finish**	High resistant water-based black paint or RAL
	Bi-Amp HF: 127dB - 133dB Peak	**Material**	15mm Premium birch plywood
Coverage	Constant directivity horn (Rotatable)	**Dimensions**	790 x 444,5 x 541 mm (H x W x D)
	90º x 60º (HR-1596/7) | 60º x 40º (HR-1564/7)	**Weight**	32 Kg (70.5 lbs)

Accessories

SC-FC2
Heavyweight install stud

SC-FC1
Lightweight install stud

AGR-10
Eye bolt

HR-1264/7 & HR-1296/7

High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of a 12" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The model HR-1264/7 provides a narrow dispersion of 60º x 40º (rotatable) and the model HR-1296/7 offers a wide dispersion of 90º x 60º (rotatable).

129dB SPL (1400W program).

Specs

Components	LF: 12", 3.5" Aluminium voice coil, waterproof front side cone treatment, neodymium magnet	**Rated power (AES)**	Passive mode: 700 W (1400 W program, 2800 W peak)
	HF: 1.4" Exit compression Driver, 2.5" aluminium voice coil, Titanium diaphragm		Bi- Amp LF: 700 W (1400 W program, 2800 W peak)
Frequency Range	59 Hz - 20 KHz (-10dB)		Bi-Amp HF: 80 W (160 W program, 320W peak)
Frequency Response	65 Hz - 18 KHz (± 3dB)	**Crossover**	Bi-Amp / Passive (Selectable)
Sensitivity	Passive Mode: 94 dB (1W@1m)	**Nominal Impedance**	8 Ohms passive / Biamp. LF 8 Ohms HF 8 Ohms
Max. SPL	Passive Mode: 123dB - 129dB Peak	**Connectors**	2 x Neutrik Speakon NL4MP
	Bi-Amp LF: 125dB - 131dB Peak	**Finish**	High resistant water-based black paint or RAL
	Bi-Amp HF: 127dB - 133dB Peak	**Material**	15mm Premium birch plywood
Coverage	Constant directivity horn (Rotatable)	**Dimensions**	705 x 377 x 495 mm (H x W x D)
	90º x 60º (HR-1296/7) / 60º x 40º (HR-1264/7)	**Weight**	26 Kg (57 lbs)

Accessories

AGR-10
Eye bolt

SC-FC1
Lightweight install stud

SC-FC2
Heavyweight install stud

HR SERIES

HR-1564/5 & HR-1596/5

High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of a 15" transducer and a 1" high frequency compression driver. They offer 2 dispersion options. The model HR-1564/5 provides a narrow dispersion of 60º x 40º (rotatable) and the model HR-1596/5 offers a wide dispersion of 90º x 60º (rotatable).

129dB SPL (1000W program).

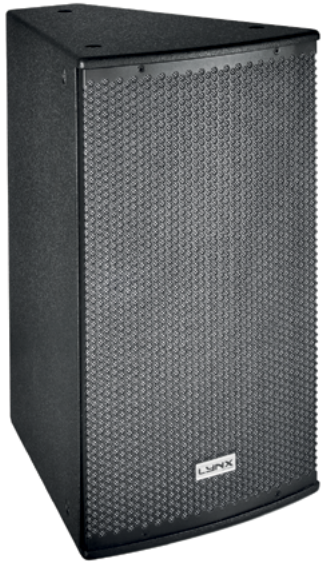
Specs

Components	LF: 15", 2.5" voice coil, Malt Cross Cooling System		**Rated power (AES)**	Passive mode: 500 W (1000 W program, 2000 W peak)
	HF: 1" Exit compression Driver, 1.75" aluminium voice coil			Bi-Amp LF: 500 W (1000 W program, 2000 W peak)
Frequency Range	58 Hz - 20 KHz (-10dB)			Bi-Amp HF: 60 W (120 W program, 240 W peak)
Frequency Response	63 Hz - 18 KHz (± 3dB)		**Crossover**	Bi-Amp / Passive (Selectable)
Sensitivity	Passive Mode: 96 dB (1W@1m)		**Nominal Impedance**	8 Ohms passive / Biamp. LF 8 Ohms HF 8 Ohms
Max. SPL	Passive Mode: 123dB - 129dB Peak		**Connectors**	2 x Neutrik Speakon NL4MP
	Bi-Amp LF: 125dB - 131dB Peak		**Finish**	High resistant water-based black paint or RAL
	Bi-Amp HF: 126dB - 132dB Peak		**Material**	15mm Premium birch plywood
Coverage	Constant directivity horn (Rotatable)		**Dimensions**	790 x 444,5 x 541 mm (H x W x D)
	90º x 60º (HR-1596/5)	60º x 40º (HR-1564/5)	**Weight**	30 Kg (66 lbs)

Accessories

AGR-10
Eye bolt

HR-1264/5 & HR-1296/5



High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of a 12" transducer and a 1" high frequency compression driver. They offer 2 dispersion options. The model HR-1264/5 provides a narrow dispersion of 60º x 40º (rotatable) and the model HR-1296/5 offers a wide dispersion of 90º x 60º (rotatable).

127dB SPL (1000W program).

Specs

Components	LF: 12", 2.5" voice coil, Malt Cross Cooling System		**Rated power (AES)**	Passive mode: 500 W (1000 W program, 2000 W peak)
	HF: 1" Exit compression Driver, 1.75" aluminium voice coil			Bi-Amp LF: 500 W (1000 W program, 2000 W peak)
Frequency Range	60 Hz - 20 KHz (-10dB)			Bi-Amp HF: 60 W (120 W program, 240 W peak)
Frequency Response	65 Hz - 18 KHz (± 3dB)		**Crossover**	Bi-Amp / Passive (Selectable)
Sensitivity	Passive Mode: 94 dB (1W@1m)		**Nominal Impedance**	8 Ohms passive / Biamp. LF 8 Ohms HF 8 Ohms
Max. SPL	Passive Mode: 121dB - 127dB Peak		**Connectors**	2 x Neutrik Speakon NL4MP
	Bi-Amp LF: 124dB - 130dB Peak		**Finish**	High resistant water-based black paint or RAL
	Bi-Amp HF: 126dB - 132dB Peak		**Material**	15mm Premium birch plywood
Coverage	Constant directivity horn (Rotatable)		**Dimensions**	705 x 377 x 495 mm (H x W x D)
	90º x 60º (HR-1296/5)	60º x 40º (HR-1264/5)	**Weight**	25 Kg (55 lbs)

Accessories

AGR-10
Eye bolt

HR SERIES

HR-28

High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of two 8" hexacone transducers and a 1" high frequency compression driver. It offers a wide dispersion of 90° x 60° and 126dB SPL (1000W program).

Specs

Components	LF: 2 x 8", 2" aluminium voice coil, hexacone cone	**Rated power (AES)**	Passive mode: 500 W , (1000 W program, 2000 W peak)
	HF: 1" Exit compression Driver, 1.75" aluminium voice coil, Polyester diaphragm		Bi-Amp LF: 500 W (1000 W program, 2000 W peak)
			Bi-Amp HF: 70 W (140 W program, 280 W peak)
Frequency Range	54 Hz - 20 KHz (-10dB)	**Crossover**	Bi-Amp / Passive (Selectable)
Frequency Response	60 Hz - 18 KHz (± 3dB)	**Nominal Impedance**	4 Ohms passive / Biamp. LF 4 Ohms HF 4 Ohms
Sensitivity	Passive Mode: 93 dB (1W@1m)	**Connectors**	2 x Neutrik Speakon NL4MP
Max. SPL	Passive mode: 120dB - 126dB Peak	**Finish**	High resistant water-based black paint or RAL
	Bi-Amp LF: 120dB - 126dB Peak	**Material**	15mm Premium birch plywood
	Bi-Amp HF: 125dB - 131dB Peak	**Dimensions**	665 x 279 x 298 mm (H x W x D)
Coverage	90° x 60° (Rotatable)	**Weight**	17 Kg (37 lbs)

Accessories

HBR-28
Horizontal bracket

AGR-10
Eye bolt

HR-26

High performance, ultra-compact, full range, two way bi-amp/ passive cabinet.

It consists of two 6.5" transducers (at 8ohm impedance) and a 1" high frequency compression driver.

It offers a wide dispersion of 90º x 60º and 122dB SPL (800W program)

Specs

Components	LF: 2 x 6.5", 2" voice coil	**Rated power (AES)**	Passive mode: 400 W (800 W program, 1600 W peak)
	HF: 1" Exit compression Driver , 1.75" aluminium voice coil, PM-4 polymer diaphragm		Bi-Amp LF: 400 W (800 W program, 1600 W peak)
			B-Amp HF: 70 W (140 W program, 280 W peak)
Frequency Range	72 Hz - 20 KHz (-10dB)	**Crossover**	Bi-Amp / Passive (Selectable)
Frequency Response	78 Hz - 18KHz (± 3dB)	**Nominal Impedance**	8 Ohms - also available in 4 Ohms
Sensitivity	Passive mode: 90 dB (1W@1m)	**Connectors**	2 x Neutrik Speakon NL4MP
Max. SPL	Passive mode: 117 dB - 122 dB peak	**Finish**	High resistant water-based black paint or RAL
	Bi-Amp LF: 119 dB - 125 dB peak	**Material**	15mm Premium birch plywood
	Bi-Amp HF: 125 dB - 131 dB peak	**Dimensions**	249 x 568 x 252 mm (H x W x D)
Coverage	80º H x 60º V Constant directivity horn.	**Weight**	15 Kg (33 lbs)

Accessories

AGR-10
Eye bolt

HBR-26
Horizontal bracket

High power, sub-bass cabinet with dual 18" low frequency transducers in bass reflex, direct radiation configuration. 145dB SPL (7200W Program)

Specs

Components	2 x 18", 4" tetracoil dual voice coil	**Crossover**	Active
Frequency Range	29 Hz - 200 Hz (-10dB)	**Nominal Impedance**	4 Ohms
Frequency Response	34 Hz - 200 Hz (± 3dB)	**Connectors**	2 x Neutrik Speakon NL4MP
Sensitivity	103 dB (1W@1m) π	**Finish**	High resistant water-based black paint or RAL
Max. SPL	139 dB / 145 dB Peak	**Material**	18mm Premium birch plywood
Coverage	Omnidirectional	**Dimensions**	585 x 1080 x 781 mm (H x W x D)
Rated power (AES)	3600 W (7200 W program, 14400 W peak)	**Weight**	82 Kg (180 lbs)

HR-218/12

HR SERIES

Medium power, sub-bass cabinet with dual 18″ low frequency transducers in bass reflex, direct radiation configuration. 142dB SPL (2400W Program)

Specs

Components	2 x 18", 3" copper voice coil	**Crossover**	Active
Frequency Range	40 Hz - 200 Hz (-10dB)	**Nominal Impedance**	4 Ohms
Frequency Response	46 Hz - 200 Hz (± 3dB)	**Connectors**	2 x Neutrik Speakon NL4MP
Sensitivity	105 dB (1W@1m) π	**Finish**	High resistant water-based black paint or RAL
Max. SPL	136 dB - 142 dB Peak	**Material**	18mm Premium birch plywood
Coverage	Omnidirectional	**Dimensions**	585 x 1080 x 624 mm (H x W x D)
Rated power (AES)	1200 W (2400 W program, 4800 W peak)	**Weight**	68 Kg (150 lbs)

HR-215S

High power, ultra compact, sub-bass cabinet with two 15" low frequency transducers with rubber suspension in triple band-pass configuration. 139dB Peak (4000W program)

Specs

Components	LF 2 x 15" transducers	**Crossover**	Active
Frequency Range	30 Hz – 160 Hz (-10dB)	**Impedance**	4 Ohm
Frequency Response	35 Hz – 150 Hz (± 3dB)	**Connectors**	2 x Neutrik Speakon NL4MP
Sensitivity	100 dB (1W@1m) π	**Finish**	High resistant water-based black paint or RAL
Max. SPL	133 dB - 139 dB Peak	**Material**	18mm Premium birch plywood
Coverage	Quasi Omnidirectional	**Dimensions**	644 x 463 x 600 mm (H x W x D)
Rated power (AES)	2000 W (4000 W program, 8000 W Peak)	**Weight**	59 kg (130 lbs)

Accessories


TU-C02
M20 pole


TU-C01
connecting pole


VSM-V2
Connector plate


VSM-V1
Top hat

HR-18/6

HR SERIES

Medium power, sub-bass cabinet with one 18" low frequency in bass reflex, direct radiation configuration. 135dB SPL (1200W Program)

Specs

Components	1 x 18", 3" copper voice coil	**Crossover**	Active
Frequency Range	40 Hz - 200 Hz (-10dB)	**Nominal Impedance**	8 Ohms
Frequency Response	46 Hz - 200 Hz (± 3dB)	**Connectors**	2 x Neutrik Speakon NL4MP
Sensitivity	101 dB (1W@1m) π	**Finish**	High resistant water-based black paint or RAL
Max. SPL	129 dB - 135 dB Peak	**Material**	18mm Premium birch plywood
Coverage	Omnidirectional	**Dimensions**	511 x 505x 681 mm (H x W x D)
Rated power (AES)	600 W (1200 W program, 2400 W peak)	**Weight**	32 Kg (70.5 lbs)

IONIC SERIES

The Ionic series is Lynx Pro Audio's answer to light, portable or permanent installation column speakers. The Ionic series comprises two full-range modular columns (IONIC 100 and IONIC 50) and two subwoofers (IONIC 18S and IONIC 12S).

These columns are very low profile, versatile, aesthetically pleasing and are designed for reverberant installations where intelligible, clear voice reproduction is paramount and where a low profile, discreet column is required. They are very easy to install and can be done so either horizontally or vertically.

The full-range columns can be powered from the active subwoofers and also offer various preset configurations from the integrated DSP.

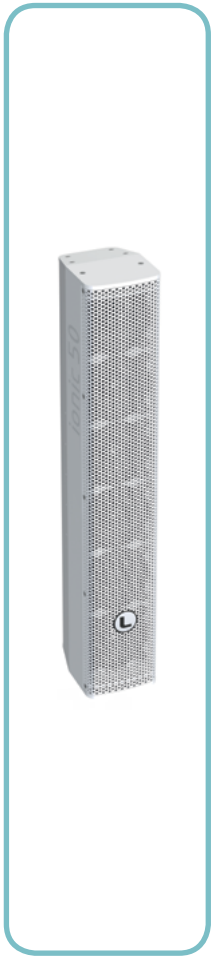
Available in a variety of colours, with the full-range cabinets finished in anti-rust steel and the subs finished in rugged, premium birch plywood, coated with water-based paint. All protected by front steel grilles all backed with a special triple layer, acoustical textile which allows greater air flow and reduces heat and humidity.

IONIC 50

Ultra-compact, passive column speaker. Consists of 6 x 3" (0.75" voice coil) neodymium transducers. 15° + -5° vertical coverage. 119dB SPL

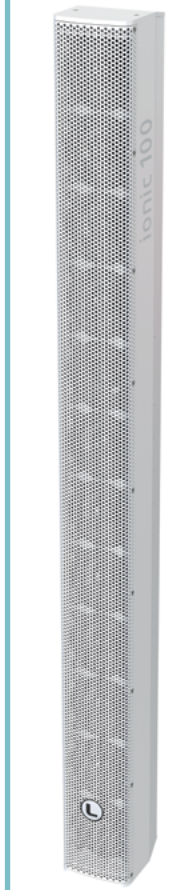
IONIC 100

Ultra-compact, passive column speaker. Consists of 12 x 3" (0.75" voice coil) neodymium transducers. 15° + -5° vertical coverage. 121dB SPL



Specs

6 x 3" speaker with 0.75" voice coil	**Components**	12 x 3" speaker with 0.75" voice coil
150 Hz - 20 KHz (-10dB)	**Frequency range**	150 Hz - 20 KHz (-10dB)
180 Hz - 20 KHz (± 3dB)	**Frequency Response**	180 Hz - 18 KHz (± 3dB)
97 dB (1W@1m)	**Sensitivity**	96 dB (1W@1m)
119 dB - 125 dB peak	**Max. SPL**	121 dB - 127 dB peak
15° ± 5° V x 100° H	**Coverage**	15° ± 5° V x 100° H
150 W, 300 W program, 600 W peak	**Rated power (AES)**	300 W, 600 W program, 1200 W peak
32 Ohms	**Nominal Impedance**	8 Ohms
2 x Neutrik Speakon NL4MP	**Connectors**	2 x Neutrik Speakon NL4MP
Epoxy paint / bespoke pattern	**Finish**	Epoxy paint / bespoke pattern
1.5 mm stainless steel	**Material**	1.5 mm stainless steel
502 x 89 x 117 mm (H x W x D)	**Dimensions**	1000 x 89 x 117 mm (H x W x D)
7 Kg (15 lbs)	**Weight**	13 Kg (29 lbs)



Accessories

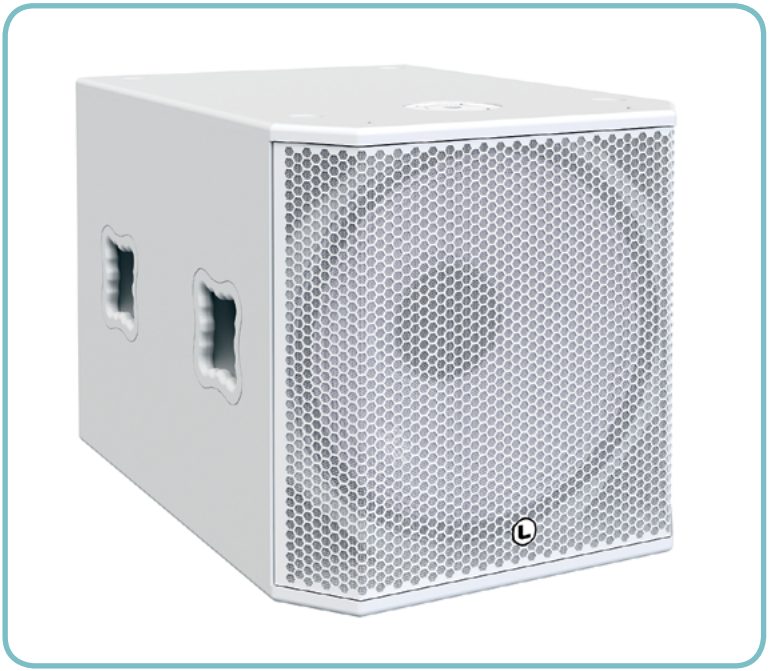
SV-I2S
Sub adaptor

WB-I
Wall bracket

SV-2I
Cab connection

SV-IONIC
Flying frame

IONIC 18S



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

Consists of a 18" (3" voice coil) transducer. DSP controlled with 2800W amplification (1400W for the sub & 1400W to power either the IONIC-50 or IONIC-100).

132dB SPL

Specs

Components	18". 3" voice coil	**Control**	User control interface with LCD
Frequency Range	38 Hz - 250 Hz (-10dB)	**Control Connections**	Ethernet (OCS) optional / USB (DSP programming)
Frequency Response	42 Hz - 250 Hz (± 3dB)		
Max. SPL	132 dB	**AC Power**	85 – 270V. 50/60 Hz with PFC
Coverage Angle	Omnidirectional	**AC Connections**	16A Neutrik powerCon TRUE1 with looping output
Power	2400 W Class D with switching power supply & PFC	**Finish**	High resistant water-based paint
LF Amplifier	1 x 1400 W	**Material**	18mm Premium birch plywood
Speaker Output Amplifier	2 x 600W @ 4 Ohms	**Dimensions**	513 x 505 x 704 mm (H x W x D)
Processing	48 KHz / 56 bit double precision DSP .	**Weight**	37 Kg (81.5 lbs)

Accessories

SV-I2S
Sub adaptor

GR-18WKIT
Wheel kit

IONIC 12S

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

Consists of a 12" (3" voice coil) transducer. DSP controlled with 1400W amplification (700W for the sub & 700W to power either the IONIC-50 or IONIC-100).

127dB SPL

Specs

Components	12". 3" voice coil	**Control**	User control interface with LCD
Frequency Range	40 Hz - 250 Hz (-10dB)	**Control Connections**	Ethernet (OCS) optional / USB (DSP programming)
Frequency Response	46 Hz - 250 Hz (± 3dB)		
Max. SPL	127 dB	**AC Power**	85 – 270V. 50/60 Hz with PFC
Coverage Angle	Omnidirectional	**AC Connections**	16A Neutrik powerCon TRUE1 with looping output
Power	1400 W Class D with switching power supply & PFC	**Finish**	High resistant water-based paint
LF Amplifier	1 x 700W	**Material**	15mm Premium birch plywood
Speaker Output Amplifier	1 x 700W @ 8 Ohms	**Dimensions**	407 x 440 x 520 mm (H x W x D)
Processing	48 KHz / 56 bit double precision DSP .	**Weight**	23 Kg (50.6 lbs)

Accessories

SV-I2S
Sub adaptor

DS SERIES

The DS series offer a full range horn loaded cabinet and a extremely high power sub-bass enclosure, both specifically designed for club and discotheque installs.

Manufactured as standard with premium birch plywood and finished with high-resistant water based black paint it can also be manufactured in any colour or finish to compliment any install design.

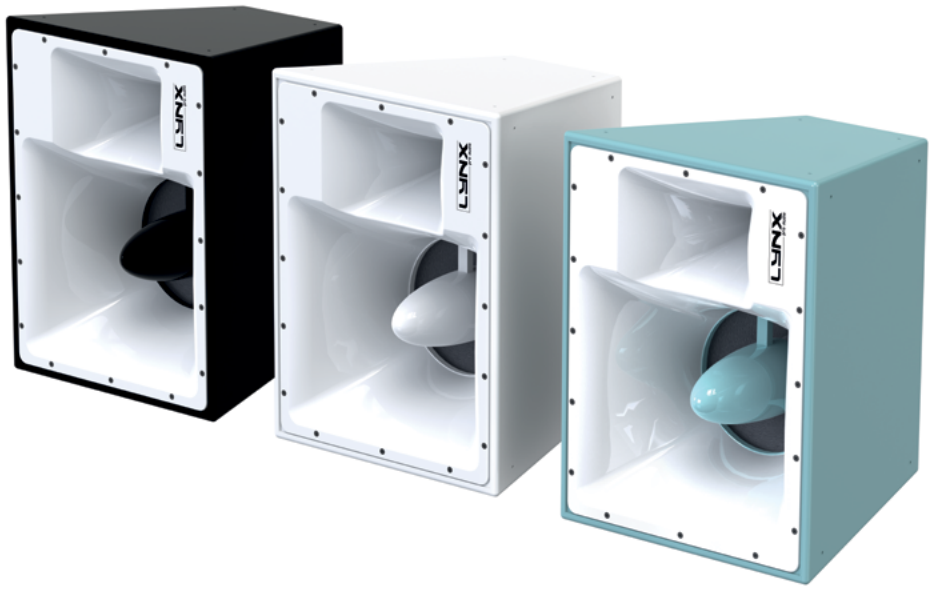
The DS cabinets are designed to not only be pleasing to the eye but also to the ear.

DS SERIES

DS-12

High Output, hornloaded, two-way cabinet. Consists of a 12" (64mm aluminium voice coil) transducer and a 1.4" neodymium compression driver with titanium diaphragm mounted on a special GFK/ Sandwich 60° x 40° horn.

Bi-amplified delivering AES 60W (HF) and AES 500W (LF/ MF), 133dB SPL.



Specs

Components	LF/MF 1×12" + 1.4" titanium diaphragm HF driver	**Crossover**	1450 Hz
		Nominal Impedance	Low/Mid: 8 Ohm High: 8 Ohm
Frequency range	130 Hz – 20 KHz	**Shape**	Trapezoidal
Frequency Response	150 Hz – 18 KHz (± 3 dB)	**Connectors**	2 x Neurtik Speakon NL4MP
Max. SPL	130 dB / 133 dB peak	**Construction**	15mm Premium birch plywood
Coverage angle	60° H x 40° V	**Finish**	Different colours and finishing options
Rated Power	Low/Mid: 500W High: 60W	**Dimensions**	649 x 499 x 482 mm (H x W x D)
Program Power	Low/Mid: 1000W High: 120W	**Weight**	32 kg (70 lbs)

High output, direct radiation sub bass cabinet.

Consists of one 18" (4" DUO voice coil) low frequency transducer with aluminium demodulating ring. 136dB SPL, (2800W program).

Specs

Components	LF 1×18"	**Coverage**	360º single unit
Frequency range	30 Hz – 250 Hz	**Nominal Impedance**	8 Ohms
Frequency Response	35 Hz – 200 Hz (± 3 dB)	**Construction**	18 mm Premium Birch plywood
Max. SPL	133 dB / 136 dB peak	**Finish**	Different colours and finishing options
Rated Power RMS	1400 W	**Dimensions**	639 x 585 x 733 mm (H x W x D)
Program Power	2800 W	**Weight**	42 kg (92 lbs)


Franz
Ferdinan

QB SERIES

The QB series comprises 2 two-way, passive full range cabinets and 2 sub basses, is the smallest series Lynx Pro Audio offers and is designed and intended for back ground sound reinforcement where the power of the HR series is not required.

The components have been carefully selected to offer a lightweight, versatile series, delivering a linear phase response with excellent sound distribution and fidelity for background installations in bars, restaurants, conferences etc

Both QB Series Full Range cabinets are supplied with high frequency OCPP protection (Over Current Passive protection) whilst the Sub-bass models come with SWR (Stationary Wave Reduction) to reduce internal stationary waves.

All the cabinets are finished in rugged, premium birch plywood, coated with water-based black paint with the QB-5 and QB-8 protected by front steel grilles all backed with a special dark grey triple layer, acoustical textile which allows greater air flow and reduces heat and humidity.

QB-5

Ultra-compact, full range, two way passive cabinet for background sound reinforcement.

It consists of a 5" transducer and a 1" high frequency neodymium tweeter.

It offers 90°conic dispersion and 113 dB SPL peak (160W program).

QB-8

High performance, ultra-compact, full range, two way passive cabinet.

It consists of a 8" transducer and a 1" high frequency tweeter.

It offers 90° conic dispersion and 120 dB SPL peak (300W program).

Specs

LF 1 x 5" transducer / HF 1 x 1" tweeter	**Components**	LF 1 x 8" transducer /HF 1 x 1" tweeter
65 Hz – 20 KHz (-10 dB)	**Frequency range**	50 Hz – 22 KHz (-10 dB)
75 Hz – 18 KHz ± 3 dB	**Frequency Response**	60 Hz – 20 KHz ± 3 dB
88 dB (1W @ 1m)	**Sensitivity**	92 dB (1W @ 1m)
107 dB - 113 dB peak	**Max. SPL**	114 dB - 120 dB peak
80 W (160 W program, 320 W peak)	**Rated Power AES**	150 W (300 W program, 600 W peak)
90°H x 90°V	**Coverage angle**	90°H x 90°V
16 Ohm	**Impedance**	8 Ohm
2 x Neutrik Speakon NL4MP	**Input Connectors**	2 x Neutrik Speakon NL4MP
10mm DM	**Material**	15mm Premium birch plywood
High resistant water-based black paint. black steel grill with acoustic fabric protection	**Finish**	High resistant water-based black paint. black steel grill with acoustic fabric protection
254 x 167 x 186 mm	**Dimensions**	450 x 277 x 275 mm (H x W x D)
3 kg (6.6 lbs)	**Weight**	8.5 kg (18.7 lbs)

Accessories


WB-01
for QB-5


WB-03
Wall bracket


WB-02
Wall bracket


VSM-V1
Top hat


TV-50
Clamp truss


TU-C02
M20 pole


TU-C01
connecting pole


SB-02
Stand


AGR-6
Eye bolt

SUB-08

Ultra-compact double band pass, passive sub woofer with one 8” transducer with double independent coil and rubber suspension. 122 dB SPL peak (400W program).

DR-N12

Extremelly compact, high power, passive sub-bass cabinet with one 12” low frequency transducer with rubber surround in direct radiation configuration. 130 dB SPL peak (2000W Program).

Specs

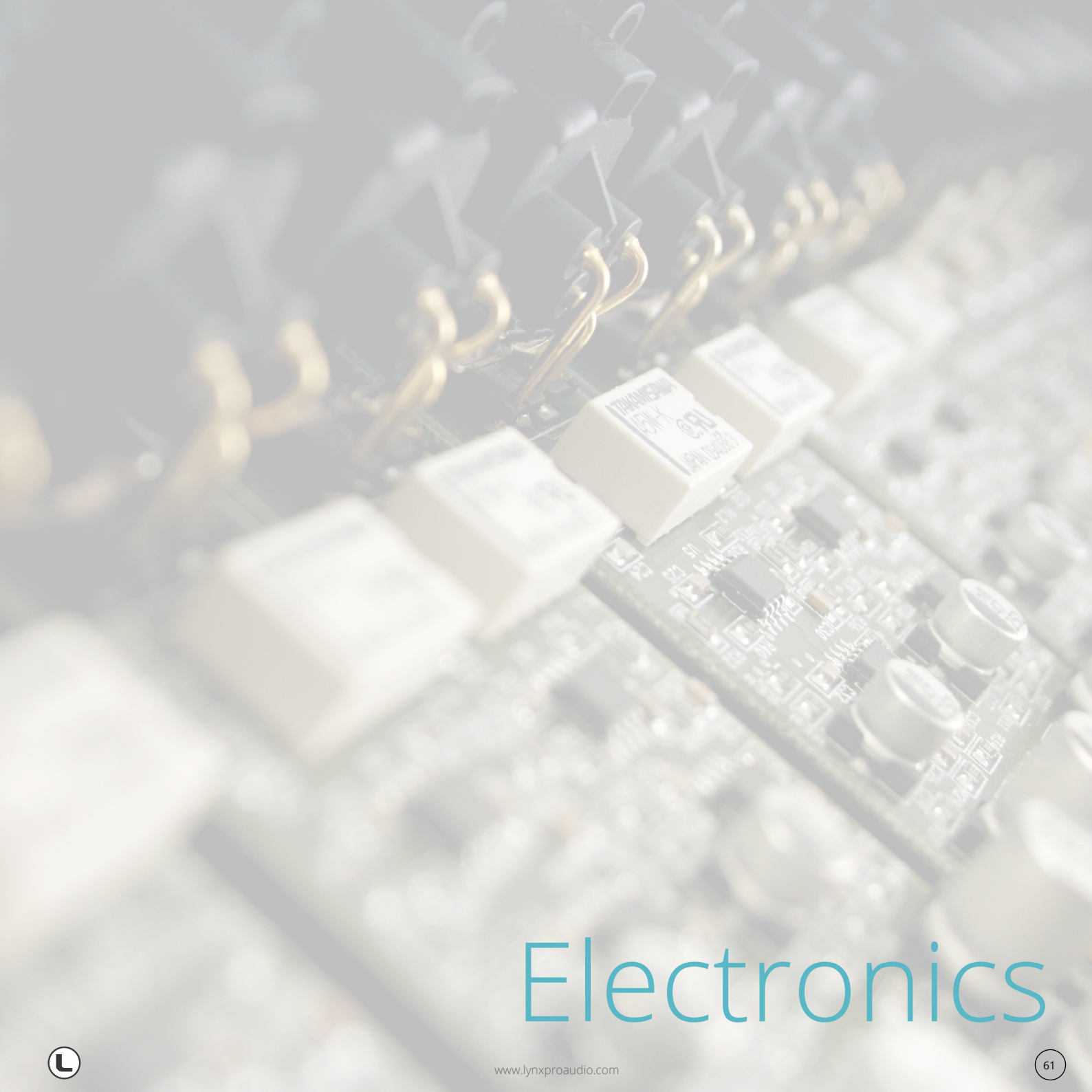
LF 1 x 8" transducer (2 x 50mm voice coil)	**Components**	LF 1 x 12" transducer
43 Hz – 160 Hz (-10 dB)	**Frequency range**	34 Hz – 400 Hz (-10 dB)
47 Hz – 154 Hz ± 3 dB	**Frequency Response**	39 Hz – 220 Hz ± 3 dB
93 dB (1W @ 1m)	**Sensitivity**	94 dB (1W @ 1m)
116 dB - 122 dB peak	**Max. SPL**	124 dB - 130 dB SPL peak
200 W (400 W program, 800 W peak)	**Rated power AES**	1000 W (2000 W program, 4000 W peak)
Omnidirectional	**Coverage angle**	Omnidirectional
2 x 8 Ohm	**Impedance**	8 Ohm
2 x Neutrik Speakon NL4MP	**Input Connectors**	2 x Neutrik Speakon NL4MP
15mm Premium birch plywood	**Material**	18mm Premium birch plywood
High resistant water-based black paint	**Finish**	High resistant water-based black paint. black steel grill with acoustic fabric protection
268 x 641 x 304 mm	**Dimensions (H x W x D)**	415 x 590 x 370 mm
9 kg (20 lbs)	**Weight**	28 kg (62 lbs)

Accessories

TU-C01
connecting pole

TU-C02
M20 pole

VSM-V2
pole support



Electronics

ARK Series

The ARK-70 and ARK-20 are designed, assembled and manufactured by Lynx Pro Audio offering seven different models with 2 or 4 inputs each and with up to 8 outputs (analogue or digital and Ethersound optional).

Double Dynamics are standard in all ARK-70 models. An RMS limiter is used to adjust the transducer reproduction level, maintaining the original dynamics whilst at the same time respecting the original transients and achieving a better acoustical result. A Peak limiter controls the movement of the speaker, protecting it from any damage and also reducing distortion caused by over-excursion.

With 0.6ms fixed latency the ARK-70 is one of the lowest latency processors available. All ARK units deliver a wide dynamic range of 120dB, high performance Cirrus Logic AD & DA 24bit converters running at 96kHZ. The internal DSP processing works with double precision in floating point, achieving an internal resolution of 56 bits, one of the largest resolutions available on the market today. This enables the use of high precision filters with extremely low distortion delivering unbeatable sound clarity and quality.

The ARK-70 also offer atmospheric compensation – essential when working outdoors where temperature and humidity varies causing noticeable loss in high frequency over long distances.

The OCS software offers fast user access to make each processing zone simpler for the user and all units can import/export complete channel parameters from/to Lynx's Rainbow Prediction Software enabling the user to apply a complete signal process with just one click.

Other features include gain, delay, 29 filter bands of graphic/parametric EQ, crossover filters and many more..

ARK-70

ARK-20

	Input	
20 K Ohm Balanced (10 K Ohm unbalanced).	Impedance:	20 K Ohm Balanced (10 K Ohm unbalanced).
Balanced XLR (pin 2 +).	Connector:	Balanced XLR (pin 2 +).
24 bit-192KHz, 512x Oversampling.	AD converter:	24 bit-192KHz, 512x Oversampling.
120 dB.	Dynamic Range:	120 dB.
+19 dBu (balanced).	Max. level:	+19 dBu (balanced).
Optional.	Digital AES/EBU	
4/6/8	**Outputs**	4/6/8
50 Ohm Balanced (25 Ohm unbalanced).	Impedance:	50 Ohm Balanced (25 Ohm unbalanced).
Balanced XLR (pin 2 +).	Connector:	Balanced XLR (pin 2 +).
24 bit-192KHz, 512x Oversampling.	DA converter:	24 bit-192KHz, 512x Oversampling.
120 dB.	Dynamic Range:	120 dB.
+18 dBu (balanced).	Max. level:	+18 dBu (balanced).

ARK-70		ARK-20
	Audio	
10 Hz – 24 KHz.	Frequency Range	10 Hz – 24 KHz.
<0,0018%.	THD (%)	<0,0018%.
Internal resolution with 56 bit double precision in floating point.	DSP Process	Internal resolution with 56 bits double precision in floating point.
0.6 miliseconds.	Propagation Delay	0.6 miliseconds.
	Equalisation	
29 GEQ Bands or 29 parametric filters per input.	Input GEQ	29 GEQ Bands 1/3 oct.
9 per way.	PEQ	output 9 per way.
Up to 48 dB/oct.	**Crossover**	Up to 48 dB/oct.
	Delay	
54 / 190 milisec.	Input	54 milisec
20.8 milisec for Speaker alignment.	Output	20.8 milisec for Speaker alignment
1 per output.	**RMS Limiter-Compressor**	1 per output.
+18dBu to -50dBu.	Threshold	+18dBu to -50dBu
1:1 to 1:10 (1:infinite with limiter).	Compression Ratio	1:1 to 1:10 (1:infinite with limiter)
1 per output.	**Peak Limiter**	- - -
+18dBu to -50dBu.	Threshold	- - -
1 per Output.	**Noise Gate**	1 per Output.
-79dBu to -37dBu.	Noise Threshold	-79dBu to -37dBu.
	Level Control	
+6dBu to -40 dBu per input / output.	Gain	+6dBu to -40 dBu per input / output.
per input / output.	Mute	per input / output.
per input / output.	Phase inversion	per input / output.
Possibility to Link Controls.		Posibility to Link Controls.
	Signal Generator	
sine tone from 10Hz to 22KHz, Pink noise, White noise.	Type:	sine tone from 10Hz to 22KHz, Pink noise, White noise.
	Other functions	
Atmospheric compensation by Air absorption.		- - -
Process Integration with RAINBOW – The acoustical prediction software.		Process Integration with RAINBOW – The acoustical prediction software.
Speaker data import from main audio measurement systems.		Speaker data import from main audio measurement systems.
Export & Import EQ files.		Export & Import EQ files.
USB & Ethernet.	**Communication**	USB & Ethernet (Optional).
	General	
85-240 V ~ 40-400 Hz. IEC connector.	Power supply	85-240 V ~ 40-400 Hz. IEC connector.
(Switching power supply, wide range).		(Switching power supply, wide range)
30 W.	Consumption	25 W
-5º a 60º C (23º to 140º F)	Operating temperature	-5º a 60º C (23º to 140º F)
-60º a 75º C (-76º to 167º F)	Storage temperature	-60º a 75º C (-76º to 167º F)
Max. 90% non-condensing	Humidity	Max. 90% non-condensing
482 x 45 x 226 mm.	Dimensions	482 x 45 x 226 mm
3 Kg	Weight	3 Kg

HPX Series

New generation of professional touring amplifiers offering from 4600 to 12000 watts.

The HPX series feature four channel models, ready for rough handling in the touring world.

They are at the forefront of audio design, offering a powerful, reliable and lightweight amplifier designed to deliver superior sound quality for your touring gigs.

	HPX-4600	HPX-8800	HPX-6400	HPX-12000
Output Power				
@ 2 Ohms	4 x 2260 W	– -	4 x 3025 W	– -
@ 4 Ohms	4 x 1150 W	4 x 2200 W	4 x 1600 W	4 X 2950 w
@ 8 Ohms	4 x 600 W	4 x 1150 W	4 x 820 W	4 x 1550 W
Bridge @ 4 Ohms	2 x 4520 W	– -	2 x 6050 W	– –
Bridge @ 8 Ohms	2 x 2300 W	2 x 4400 W	2 x 3200 W	2 x 5900 W
Frequency Response ± 0.25 dB	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz
Phase Response @ 1 W 20Hz-20KHz	±15 deg	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion 20Hz-20KHz	<0.05%	<0.05%	<0.05%	<0.05%
Intermodulation Distortion SMPTE	<0.05%	<0.05%	<0.05%	<0.05%
Damping Factor 20-500Hz @ 8 Ohms	>500	>500	>500	>500
Crosstalk 20Hz-1KHz	>80 dB	>80 dB	>80 dB	>80 dB
Voltage Gain 0.5 dB steps	26 dB to 38 dB	26 dB to 38 dB	26 dB to 38 dB	26 dB to 38 dB
Sensitivity Rated Power (26/32/38 dB Gain)	3.5/1.7/0.9 V	4.8/2.4/1.2 V	4.1/2/1 V	5.6/2.8/1.4 V
Signal to Noise Ratio 20HZ-20KHz	112 dB	115 dB	113 dB	116 dB
Required AC Mains				
Operating Voltage (50Hz-60Hz)	170V-265V AC	170V-265V AC	170V-265V AC	170V-265V AC
Power on Idling (@230V)	0.5 A	0.5 A	0.5 A	0.5 A
1/8 Rated Power (@230V min.Z)	11 A	10 A	14 A	13 A
Dimmensions				
W x H x D (mm)	483 x 89 x 460	483 x 89 x 460	483 x 89 x 460	483 x 89 x 460
Weight	12 Kg / 26.5 lbs	12 Kg / 26.5 lbs	12 Kg / 26.5 lbs	12 Kg / 26.5 lbs
Protections	Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMS™ and SSP™			

HPX SERIES

OCS Software

LIBRARY MANAGER

- 100 Output preset memories, to save any Output configuration independently for each channel
- 40 Input preset memories, to save any Input configuration independently for each channel
- 80 Global preset memories, to save a combination of Input, Route and Output presets for all channels
- Group management, to assign the same configuration simultaneously to different amplifiers

Input	
Impedance	20 K Ohm Balanced (10 K Ohm unbalanced)
Connector	Balanced XLR (pin 2 +)
AD converter	24 bit-192KHz, 512x Oversampling
Dynamic Range	120 dB
Digital AES/EBU	Optional.
Outputs	2/4
Impedance	50 Ohm Balanced (25 Ohm unbalanced)
Connector	Balanced XLR (pin 2 +)
DA converter	24 bit-192KHz, 512x Oversampling
Dynamic Range	120 dB
Audio	
Frequency Range	10 Hz – 24 KHz
THD (%)	<0,0018%
DSP Process	Internal resolution with 56 bit double precision in floating point
Converters	24 bit resolution
Propagation Delay	0.6 miliseconds
Equalisation	
PEQ Imput	31 per way
PEQ output	15 per way
PEQ Type filters	Parametric, Shelving High, Shelving Low, Low-Pass, High-Pass, Low-Pass Q variable, High-Pass Q variable, BandPass, Reject Band, AllPass order 1, AllPass order 2. Possibility to Link filters between Input and Outputs
Crossover	Linkwitz Riley with 12, 24, 48 dB/oct. Butterworth and Bessel with 6, 12, 18, 24, 30, 36, 42 and 48 dB/oct.
Input Delay	341 milisec (118 m) per input
Output Delay	52 milisec (18 m) per output
RMS Limiter-Compressor	1 per output.
Threshold	1W to 3000W
Compression Ratio	1:1 to 1:10 (1:infinite with limiter)
Power indication	Shows the maximum power applied to the speaker for the selected threshold
Peak Limiter	1 per output.
Threshold	from 0.1V peak to 180V peak.
Peak Indication	Shows the maximum peak Voltage applied to the speaker for the selected threshold
Gain	+6dBu to -40 dBu per input / output with Mute & Phase Inversion
Communication	USB / Ethernet optional

DSX Series

The DSX models offer a powerful, reliable and lightweight amplifier with advanced features.

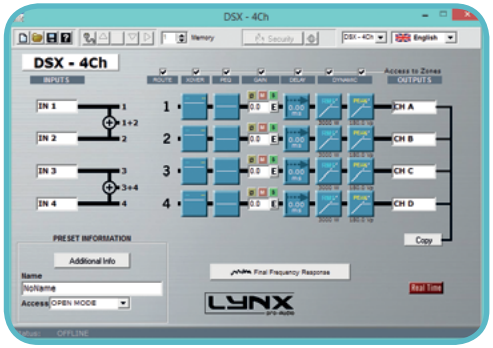
To get the most of your sound system the DSX series offer a fully programable Digital Signal Processor.

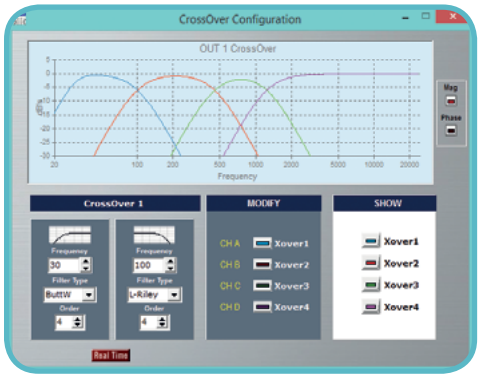
This is an excellent choice for high power audio cabinets in fixed sound installations or touring.

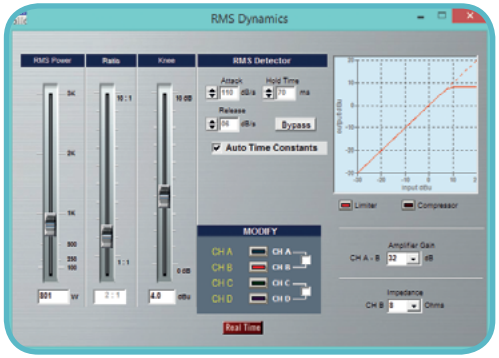
	DSX-4002	DSX-1004	DSX-6002	DSX-1504
Output Power (1kHz, 1.0% THD+N)				
@ 2 0hm	4x 980 W	- -	4x 1440 W	- -
@ 4 0hm	4x 670 W	4x 975 W	4x 1000 W	4x 1480 W
@ 8 0hm	4x 430 W	4x 690 W	4x 620 W	4x 1015 W
Bridge @ 4 0hm	2x 1960 W	- -	2x 2880 W	- -
Bridge @ 8 0hm	2x 1340 W	2x 1950 W	2x 2000 W	2x 2960 W
Pink Noise 12dB C.F. @ 2 0hm	4x 1170 W	- -	4x 2080 W	- -
Pink Noise 12dB C.F. @ 4 0hm	4x 820 W	4x 1230 W	4x 1280 W	4x 2110 W
Frecuency Response (Power Bandwidth ±0.25dB)	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz
Phase Response (@ 1 Watt 20Hz-20kHz)	±15 deg	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion (20Hz-20kHz)	<0.05%	<0.05%	<0.05%	<0.05%
Intermodulation Distortion (SMPTE)	<0.05%	<0.05%	<0.05%	<0.05%
Damping Factor (20-500Hz @ 8 0hm)	>500	>500	>500	>500
Crosstalk (20Hz-20kHz)	>75 dB	>75 dB	>75 dB	>75 dB
Voltage Gain	26/32/38 dB	26/32/38 dB	26/32/38 dB	26/32/38 dB
Sensitivity (Rated Power @ 8 0hm (V))	3.0/1.5/0.8	3.7/1.9/0.9	3.5/1.8/0.9	5.0/2.5/1.3
Signal-to-Noise Ratio (20Hz-20kHz)	113dB	116dB	116dB	118dB
Required Mains				
230 V - 50 Hz (idle)	0.5 A	0.5 A	0.5 A	0.5 A
@ 4 0hm (1/8 rated power)	7.5 A	11A	10.5A	15A
Dimensions An x Al x P (mm)	483 x 89 x 310	483 x 89 x 310	483 x 89 x 310	483 x 89 x 310
Weight Nett (Kg)	8.5	8.5	8.6	8.6
Protections	Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overload, ICLTM, PMSTM, SSPTM			

DSX SERIES

DSX Software







Input	
Impedance	20 K Ohm Balanced (10 K Ohm unbalanced)
Connector	Balanced XLR (pin 2 +)
AD converter	24 bit-192KHz, 512x Oversampling
Dynamic Range	120 dB
Max. level	+19 dBu (balanced).
Digital AES/EBU	Optional.
Outputs	2/4
Impedance	50 Ohm Balanced (25 Ohm unbalanced)
Connector	Balanced XLR (pin 2 +)
DA converter	24 bit-192KHz, 512x Oversampling
Dynamic Range	120 dB
Max. level	+18 dBu (balanced)
Audio	
Frequency Range	10 Hz – 24 KHz
THD (%)	<0,0018%
DSP Process	Internal resolution with 56 bit double precision in floating point
Converters	24 bit resolution
Propagation Delay	0.5 miliseconds
Equalisation	
PEQ output	9 per way
PEQ Type filters	Parametric, Shelving High, Shelving Low, Low-Pass, High-Pass, Low-Pass Q variable, High-Pass Q variable, BandPass, Reject Band, AllPass order 1, AllPass order 2. Possibility to Link filters between Input and Outputs
Crossover	Linkwitz Riley with 12, 24, 48 dB/oct. Butterworth and Bessel with 6, 12, 18, 24, 30, 36, 42 and 48 dB/oct.
Output Delay	20.8 milisec for Speaker's alignment
RMS Limiter-Compressor	1 per output.
Threshold	1W to 3000W
Compression Ratio	1:1 to 1:10 (1:infinite with limiter)
Power indication	Shows the maximum power applied to the speaker for the selected threshold
Peak Limiter	1 per output.
Threshold	from 0.1V peak to 180V peak.
Peak Indication	Shows the maximum peak Voltage applied to the speaker for the selected threshold
Gain	+6dBu to -40 dBu per input / output with Mute & Phase Inversion
Communication	USB

RS Series

RS4

The cost-effective RS Series amplifiers are designed for the professionals researching quality, reliability and value.

	RS4-2000	RS4-3000	RS4-4000
Output power	z		
@ 2 Ohms	4 x 500 W	4 x 750 W	4 x 1000 W
@ 4 Ohms	4 x 400 W	4 x 700 W	4 x 1000 W
@ 8 Ohms	4 x 220 W	4 x 450 W	4 x 630 W
Bridge @ 4 Ohms	2 x 1000 W	2 x 1500 W	2 x 2000 W
Bridge @ 8 Ohms	2 x 800 W	2 x 1400 W	2 x 2000 W
Frequency Response ± 0.25dB	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz
Phase Response @ 1 W 20Hz-20KHz	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion 20Hz-20KHz	<0.05%	<0.05%	<0.05%
Intermodulation Distortion SMPTE	<0.05%	<0.05%	<0.05%
Damping Factor 20-500Hz @ 8 Ohms	>500	>500	>500
Crosstalk 20Hz-1KHz	>75 dB	>75 dB	>75 dB
Voltage Gain	35 dB	35 dB	35 dB
Sensitivity Rated Power (26/32/38dB Gain)	0.8 V	1.1 V	1.3 V
Signal to Noise Ratio 20Hz-20KHz	101dBA	103dBA	104dBA
Required AC Mains			
Operating Voltage (50Hz-60Hz)	170V -265V AC	170V -265V AC	170V -265V AC
Power on Idling (@230V)	0.5 A	0.5 A	0.5 A
1/8 Rated Power (@4 Ohm)	7 A	8 A	10 A
Dimmensions			
W x H x D (mm)	483 x 88.9 x 254	483 x 88.9 x 254	483 x 88.9 x 254
W x H x D (inches)	19 x 3.5 x 10	19 x 3.5 x 10	19 x 3.5 x 10
Weight	6 Kg / 13 lbs	6 Kg / 13 lbs	6 Kg / 13 lbs
Protections	Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMS™ and SSP™		

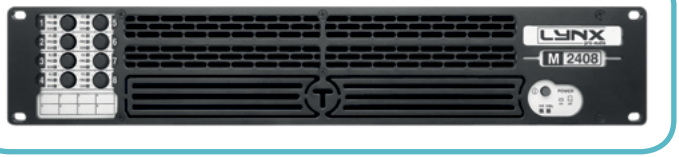
RS amplifiers represent the best compromise between economy and performances, taking advantage of latest improvements in electronic assembly.

RS2

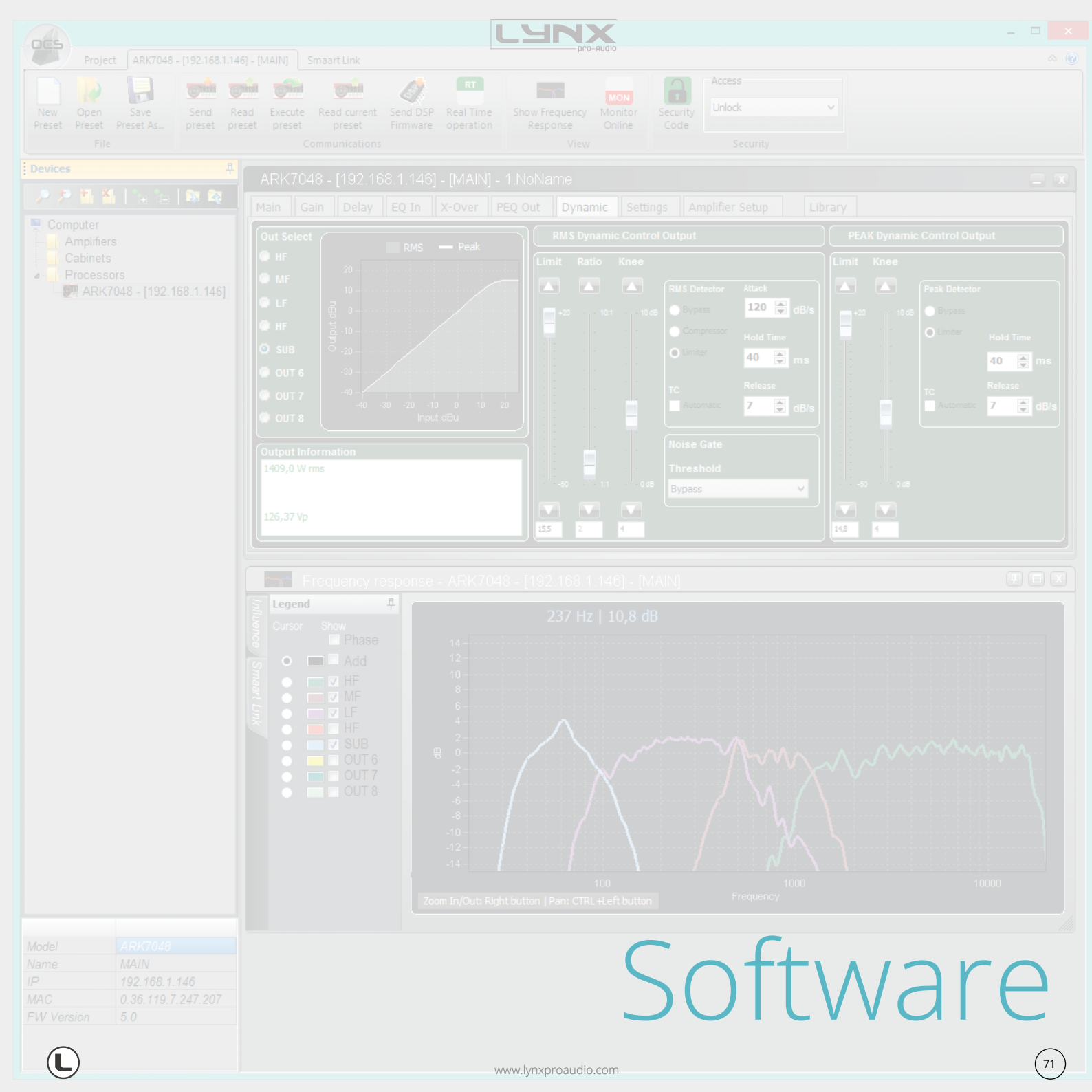
	RS2-1000	RS2-1500	RS2-2000	RS2-3600
Output power				
@ 2 Ohms	2 x 500 W	2 x 750 W	2 x 1000 W	2 x 1800 W
@ 4 Ohms	2 x 400 W	2 x 700 W	2 x 1000 W	2 x 1750 W
@ 8 Ohms	2 X 240 w	2 x 450 W	2 x 650 W	2 x 950 W
Bridge @ 4 Ohms	1000 W	1500 W	2000 W	3600 W
Bridge @ 8 Ohms	800 W	1400 W	2000 W	3500 W
Frequency Response ± 0.25dB	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz
Phase Response @ 1 W 20Hz-20KHz	±15 deg	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion 20Hz-20KHz	<0.05%	<0.05%	<0.05%	<0.05%
Intermodulation Distortion SMPTE	<0.05%	<0.05%	<0.05%	<0.05%
Damping Factor 20-500Hz @ 8 Ohms	>500	>500	>500	>500
Crosstalk 20Hz-1KHz	>75 dB	>75 dB	>75 dB	>75 dB
Voltage Gain	35 dB	35 dB	35 dB	35 dB
Sensitivity Rated Power (26/32/38dB Gain)	0.8 V	1.1 V	1.3 V	1.6 V
Signal to Noise Ratio 20Hz-20KHz	101dBA	103dBA	104dBA	105dBA
Required AC Mains				
Operating Voltage (50Hz-60Hz)	170V -265V AC	170V -265V AC	170V -265V AC	170V -265V AC
Power on Idling (@230V)	0.5 A	0.5 A	0.5 A	0.5 A
1/8 Rated Power (@4 Ohm)	3.5 A	4 A	5 A	10 A
Dimmensions				
W x H x D (mm)	483 x 88.9 x 254	483 x 88.9 x 254	483 x 88.9 x 254	483 x 88.9 x 254
W x H x D (inches)	19 x 3.5 x 10	19 x 3.5 x 10	19 x 3.5 x 10	19 x 3.5 x 10
Weight	5 Kg / 11 lbs	5 Kg / 11 lbs	6 Kg / 13 lbs	6 Kg / 13 lbs
Protections	Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMS™ and SSP™			

M Series

The M Series of amplifiers has been specifically developed for fixed installation and network applications.
They offer up to eight independent channels per unit to allow for as many zoning possibilities.



	M-604	M-1204	M-1208	M-2048
Output power	Continuous Average Power RMS, 1KHz, 1.0% THD+N			
@ 4 Ohms	4 x 160 W	4 x 320 W	8 x 150 W	8 x 300 W
@ 8 Ohms	4 x 115 w	4 x 220 W	8 x 100 W	8 x 195 W
Bridge @ 8 Ohms	2 x 320 W	2 x 640 W	4 x 300 W	4 x 600 W
Pink noise @ 4 Ohms	4 x 210 W	4 x 415 W	8 x 180 W	8 x 370 W
Frequency Response ± 0.25dB	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz
Phase Response @ 1 W 20Hz-20KHz	±15 deg	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion 20Hz-20KHz	<0.05%	<0.05%	<0.05%	<0.05%
Intermodulation Distortion SMPTE	<0.05%	<0.05%	<0.05%	<0.05%
Crosstalk 20Hz-1KHz	>70 dB	>70 dB	>70 dB	>70 dB
Voltage Gain	26-32-38 dB	26-32-38 dB	26-32-38 dB	26-32-38 dB
Sensitivity Rated Power (26/32/38dB Gain)	1.5/0.8/0.4 V	2.1/1.0/0.5 V	1.4/0.7/0.4 V	2.0/1.0/0.5 V
Signal to Noise Ratio 20Hz-20KHz	107dB	110dB	107dB	110dB
Required AC Mains				
Operating Voltage (50Hz-60Hz)	170V -265V AC	170V -265V AC	170V -265V AC	170V -265V AC
230V AC-50HZ (iddle)	0.5 A	0.5 A	0.5 A	0.5 A
1/8 Rated Power (@8 Ohm)	1 A	1.5 A	1.4 A	2.6 A
Dimmensions				
W x H x D (mm)	483 x 89 x 210	483 x 89 x 210	483 x 89 x 210	483 x 89 x 210
W x H x D (inches)	19 x 3.5 x 8.27	19 x 3.5 x 8.27	19 x 3.5 x 8.27	19 x 3.5 x 8.27
Weight	5.4 Kg / 11.8 lbs	5.4 Kg / 11.8 lbs	6.2 Kg / 13.5 lbs	6.2 Kg / 13.5 lbs
Protections	Soft-start, Turn-on Turn-off muting, Over-heating, DC, RF, Short-circuit, Overloaded power supply Open/mismatched loads, ICL™, PMS™, SSP™			


LYNX
pro-audio
Project
ARK7048 - [192.168.1.146] - [MAIN]
Smaart Link
New Preset
Open Preset
Save Preset As...
File
Send preset
Read preset
Execute preset
Read current preset
Send DSP Firmware
Real Time operation
Communications
Show Frequency Response
Monitor Online
View
Security Code
Access
Unlock
Security
Devices
Computer
Amplifiers
Cabinets
Processors
ARK7048 - [192.168.1.146]
ARK7048 - [192.168.1.146] - [MAIN] - 1.NoName
Main
Gain
Delay
EQ In
X-Over
PEQ Out
Dynamic
Settings
Amplifier Setup
Library
Out Select
HF
MF
LF
HF
SUB
OUT 6
OUT 7
OUT 8
RMS
Peak
Output dBu
Input dBu
Output Information
1409,0 W rms
126,37 Vp
RMS Dynamic Control Output
Limit
Ratio
Knee
RMS Detector
Bypass
Compressor
Limiter
Attack
120
dB/s
Hold Time
40
ms
TC
Automatic
Release
7
dB/s
Noise Gate
Threshold
Bypass
PEAK Dynamic Control Output
Peak Detector
Frequency response - ARK7048 - [192.168.1.146] - [MAIN]
Influence
Smaart Link
Legend
Cursor
Show
Phase
Add
237 Hz | 10,8 dB
dB
Frequency
100
1000
10000
Zoom In/Out: Right button | Pan: CTRL+Left button
Model
ARK7048
Name
MAIN
IP
192.168.1.146
MAC
0.36.119.7.247.207
FW Version
5.0

Software

SOFTWARE

Prediction, control, DSP updates, management system...all our softwares are designed in-house and are a fundamental part of the Lynx Pro Audio technology.
They are designed by and for sound technicians, with a very intuitive interface easy to use.

OCS

Control and monitoring software for multiple devices (loudspeakers, amplifiers and processors). Allows control via Ethernet / USB for Lynx Pro Audio systems with integrated DSP.

It controls the powered cabinets in real time and obtain detailed information of cabinet behavior

DSX

Control software for the digital processor of the DSX Series power amplifiers.

It works via USB or Ethernet and is the interface to configure all the parameters of the DSX amps.

CABINET UPDATER

It updates the presets of your powered cabinets. Just connect the cabinet by USB to your PC.

This software will automatically detects your cabinet hardware and updates the presets to the latest and optimum configuration available.

RAINBOW

Acoustical Prediction software based on polar response measurements.

Thanks to this software you will be able to "virtually" determine the acoustical response of one or various cabinets at the same time.

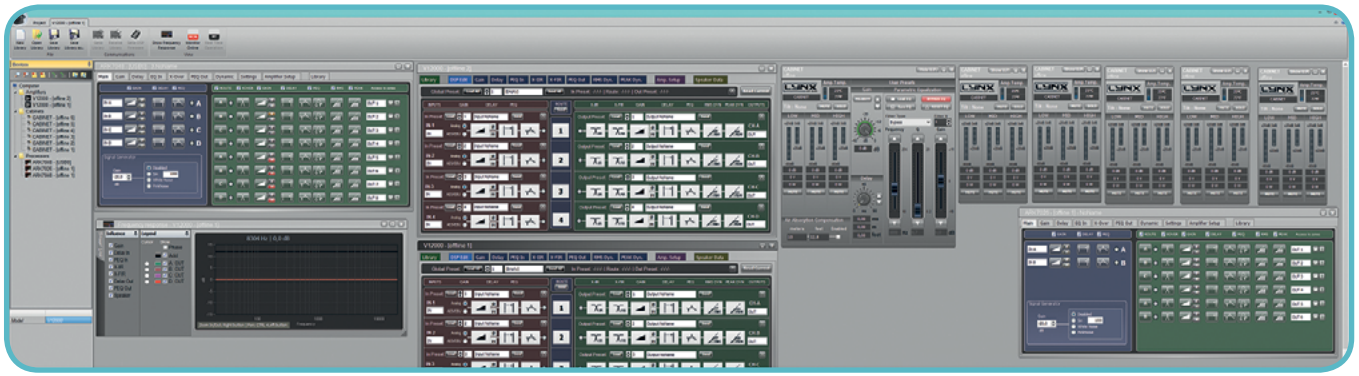
OCS

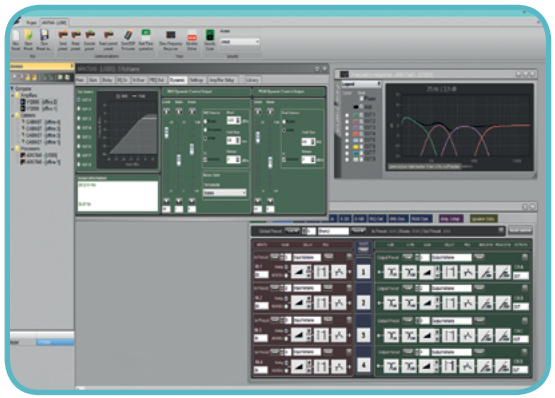
OCS is our control software, working in real time for all our digital processing systems. It is a user interface enabling the set-up of all digital devices in an installation.

With OCS you can configure / monitor all the parameters of a self-powered Lynx Pro Audio system (Input levels, cabinet angles, module temperature, compression levels....), all parameters available in our processors and all settings for our HPX amplifiers, from the input sensitivity to the digital process for each channel independently.

OCS enables configuration from one single software system for all devices connected to an Ethernet network.

OCS incorporates direct communication with Smaart(R) measurement system. Through our Smaart Link we can connect to any of Smaart(R) session connected to the local network. This allows us to see, in real time, the captured measurement directly in our process window.





Rainbow

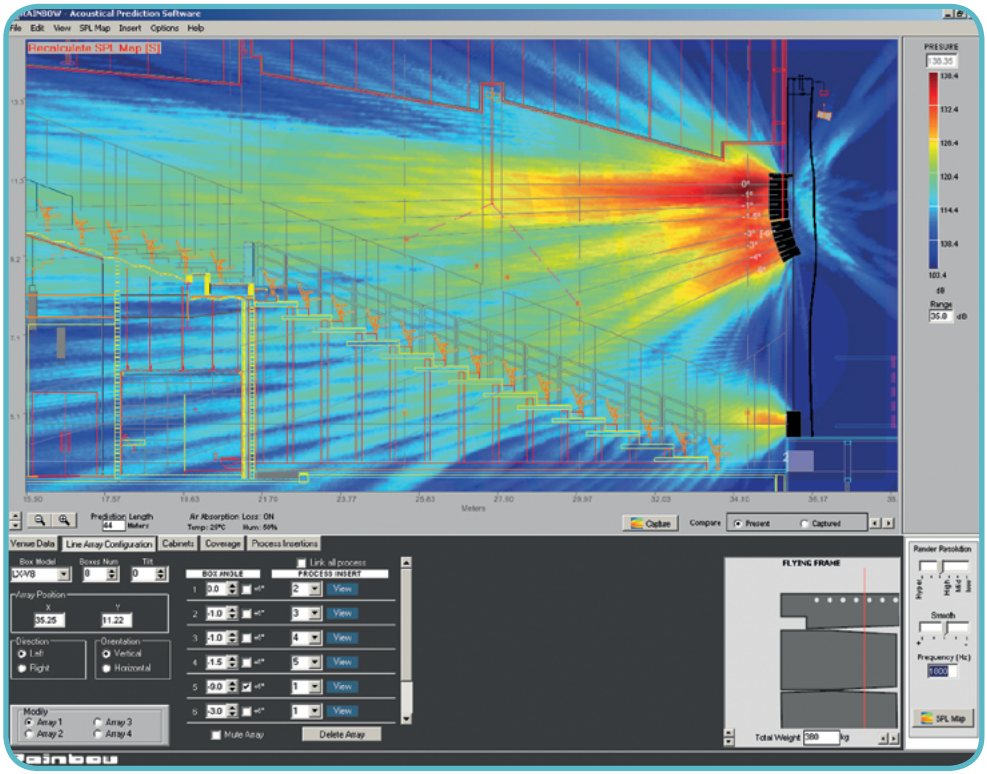
Thanks to the Rainbow software, you will be able to “virtually” determine the acoustical response of one or various cabinets at the same time.

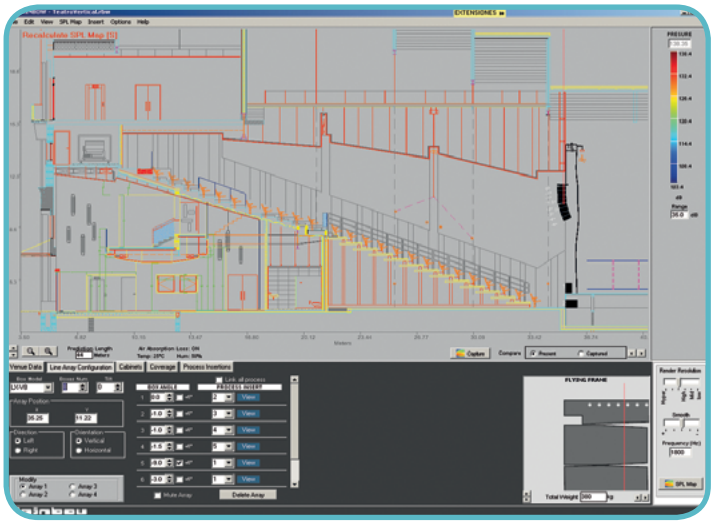
Based on polar response measurements, taken meticulously with a 360º coverage both vertically and horizontally, the Rainbow software is able to calculate the SPL response including the interaction between them taking into account the magnitude and phase response, in order to enable the user to correct cancellations and even to create them if the acoustical design so requires.

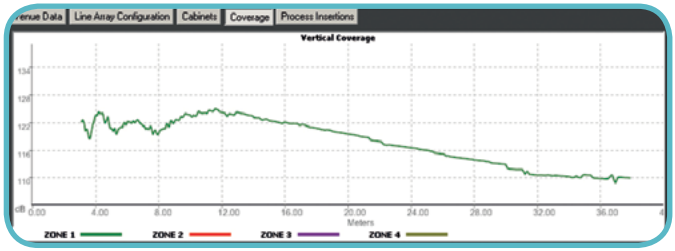
Rainbow is very easy to use and offers a very intuitive design, multitool interface and on-line updatable data base.

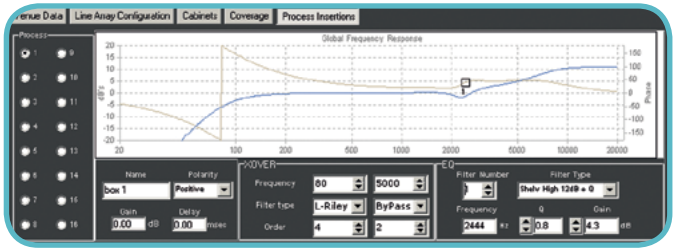
The Rainbow software has been designed by and for sound technicians. Its aim is to help installers and users of Lynx pro audio products.

This software is able to import WMF Vector Files with technical drawings and insert them directly into the prediction window and thus enabling real measurement predictions. This also helps to determine dead zones and obtain the maximum performance from each of the cabinets installed.









The RAINBOW acoustical prediction software allows among other things:

-Prediction up to 4 LINE ARRAYS of 24 cabinets each simultaneously, together with multiple points with cabinets

-Flying points information according to the inclination of the cabinets

-Weight calculation of the different systems

-Sub-bass simulation (for instance to achieve cardiod configurations)

-Orientation of cabinets (Horizontal/vertical)

-Throw Direction of cabinets (right/ left)

-Individual delay per cabinet/system

-Polarity selection for each cabinet

-Up to 40 process insertions with Equalization and CrossOver assignable per cabinet.

-Simulation of the Air absorption sound loss with the distance

-SPL Pressure information

-Distance measurement

-Import of CAD files

-Up to 4 audience or hearing zones

-Coverage curves on the hearing zones.

-Export of SPL Map and coverage curves on jpg or bmp format

-Print project report (SPL prediction, flying points, weights, cabinet inclination, polarities, process aplied, EQ Curves...)

You can find us in all these social media:

The technical specifications described in this catalogue can vary without previous notification.

If you want to recieve the printed version of this catalogue just click here:
info@lynxproaudio.com