



 **idea**

Loudspeaker  
Series

2016

# LUA Series

Installation and A/V multipurpose passive loudspeakers

LUA Series models are compact, passive loudspeakers that deliver outstanding sonic definition and versatility.

They all combine professional finish and solid construction with original stylish design and excellent acoustic qualities that are ideal for professional audio playback in mobile, AV and small portable sound reinforcement systems or distributed sound installed solutions.

LUA loudspeakers are specially indicated for fixed installations and those applications in which acoustical performance and aesthetics are essential, above absolute power delivery and road-readiness.



LUA3i, LUA5i  
and LUA10i.

**LUA5** is a high power-density compact 2-way passive monitor with superior audio definition conceived for A/V and mobile applications, while specially indicated for installations that require pristine audio reproduction and great SPL, designed to be configured with BASSO Series subwoofers.

**LUA10** and **LUA15** are 2-way passive monitors with an innovative and attractive enclosure design. Matching the requirements for A/V and basic professional audio applications as well as installations that benefit from a relatively

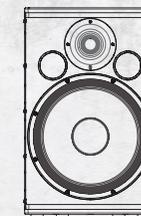
compact design that delivers, in the mid-field at full power or in open spaces at BGM levels, sufficient LF response without subwoofers.



**LUA5**



**LUA10**



**LUA15**

	LUA5	LUA10	LUA15
<b>Enclosure design</b>	Ported Trapezoidal	Ported Curved cabinet	Ported Curved Cabinet
<b>HF Transducer</b>	1.75" Compression Driver	1.75" Compression Driver	1.75" Compression Driver
<b>LF Transducer</b>	5"	10"	15"
<b>RMS Power Handling</b>	200 W	200 W	400 W
<b>Nominal Impedance</b>	16 Ohm	8 Ohm	8 Ohm
<b>Peak SPL (Continuous/Peak)</b>	116/122 db SPL	119/125 db SPL	123/129 db SPL
<b>Frequency Response (-10 dB)</b>	85 - 20 000 Hz	55 - 20 000 Hz	50 - 20 000 Hz
<b>Horizontal Coverage</b>	80° Axisymmetric	80° Axisymmetric	80° Axisymmetric
<b>Connectors</b>	2 x NL-4 in parallel	2 x NL-4 in parallel	2 x NL-4 in parallel
<b>Dimensions (W x H x D)</b>	170 x 365 x 275 mm	285 x 521 x 380 mm	410 x 643 x 493 mm
<b>Weight</b>	9 Kg	14.8 Kg	23.9 Kg

\* IEC filtered pink noise with a 6dB crest factor, 2 hours

**LUA3i (NEW)** is a super compact dual driver satellite speaker, created to provide surprising performance and audio reproduction quality in a minimal package, for most distributed audio applications, with emphasis on those that benefit from absolute intelligibility for voice messages and truly enjoyable music reproduction in combination with BASS010 and BASS010i subwoofers.



**LUA3i**

Ported Trapezoidal

2 x 3"

-

60 W

16 Ohm

110/116 db SPL

150 - 18 000 Hz

60° x 45°

Euroblock terminal

105 x 185 x 140 mm

3 Kg



**LUA5i**

Ported Trapezoidal

.75" Soft Dome Tweeter

5" Woofer

150 W

16 Ohm

113/119 db SPL

75 - 19 000 Hz

70° Axisymmetric

Euroblock terminal

160 x 303 x 180 mm

8.5 Kg

**LUA10i (NEW)** represents a boost on the qualities of LUA10, with a standard trapezoidal enclosure and augmented (almost doubled) output power, and also providing unexpected deep LF response, a true power density delight. LUA10i features a new integrated wall/ceiling mount installation accessory, as well as a pole mount for AV portable applications.



**LUA10i**

Ported Trapezoidal

1.75" Compression Driver

10" Woofer

400 W

8 Ohm

122/128 db SPL

50 - 18 000 Hz

80° x 60°

2 x NL-4 in parallel

285 x 521 x 248 mm

14 Kg

*LUA5 provides pristine audio reproduction as well as discreet and stylish integration.*



# EXO Series

## Pro & Touring Multipurpose Loudspeakers

EXO Series loudspeakers are dedicated tools for serious professional sound reinforcement, from Portable to Touring applications, that offer an ample choice of passive, bi-amp and active solutions in different designs, sizes, coverage and transducer configurations in order to achieve the best results in every situation.

EXO Series speakers come in many shapes and sizes, with the common goal of delivering high-end professional acoustical performance and the highest quality construction and finish.

### EXO-A Series - Active Multipurpose Loudspeakers

EXO-A Series feature self-powered multipurpose loudspeakers that integrate latest generation Powersoft Class-D amps & DSP technology. EXO66-A mounts a 2 x 400 W dual-channel power module. EXO12-A and EXO15-A both mount dual-channel 1.4 kW power modules



EXO66, the SPL of a standard 10" loudspeaker within a tightly packaged cabinet.

EXO66 is a stylish, compact truly multipurpose mini-monitor that features a 6.5" + 1.75" coaxial compression driver and a high performance 6.5" woofer in a very densely filled compact cabinet.

The design goal of EXO66 is to tightly package the SPL of conventional 10" 2-way loudspeaker in a cabinet compact enough to be easily transported in mobile and portable sound reinforcement applications and to be discreet and elegant in any installation project.



### EXO66

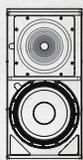
Enclosure design	Ported Trapezoidal
HF Transducer	1.75" Compression Driver
LF Transducer	2 x 6.5"
RMS Power Handling	400 W
Nominal Impedance	8 Ohm
Peak SPL (Continuous/Peak)	120/126 dB SPL
Frequency Response (-10 dB)	96 - 18 000 Hz
Coverage	75°/75° V/H
Connectors	2 x NL-4 in parallel
Dimensions (W x H x D)	170 x 365 x 330 mm
Weight	13.5 Kg

\* IEC filtered pink noise with a 6dB crest factor, 2 hours

**EX012** is a compact multipurpose 2-way passive professional loudspeaker with floor monitor wedge profile, for all classic portable professional sound reinforcement and touring applications as FOH, floor or fill monitor, delivering versatility and power for any situation.

**EX015** is a high output multipurpose 2-way passive professional loudspeaker, with shallow floor monitor wedge profile, for all classic portable professional sound reinforcement and touring applications as FOH, floor or fill monitor with significant LF performance.

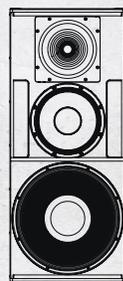
**EX018** is a very high output, true full range bi-amp 3-way professional loudspeaker with superior acoustical performance and LF output without subwoofers, for portable professional sound reinforcement and touring applications as FOH or fill monitor.



**EX012**



**EX015**



**EX018**

Wedge · Bass-Reflex

Trapezoidal · Ported (Sealed MF)

3" Compression Driver + Axisymmetric Horn

12"	15"	12" + 18"
500 W	600 W	1250 + 550 W
8 Ohm	8 Ohm	8 + 8 Ohm
122/128 dB SPL	127/133 dB SPL	130/136 dB SPL
55 - 18 000 Hz	50 - 20 000 Hz	46 - 18 000 Hz

80° Axisymmetric

2 x NL-4 in parallel	2 x NL-4 in parallel	2 x NL-4 in parallel
336 x 681 x 361 mm	410 x 729 x 368 mm	480 x 1130 x 428 mm
22.9 Kg	27.9 Kg	66 Kg

*EX012 and EX015 wedged cabinets set as stage floor monitors.*



# BASSO Series

Subwoofer solutions

All markets, sound engineers and audiences crave for the ultimate subwoofer solutions, in a constant search for better defined, deeper and bone crushing low frequency reproduction...And so do we!

The goal of the BASSO Series is feature an extensive, versatile and coherent subwoofer line to match the most interesting, common and demanding applications, configurations, tastes and budgets.

All the models in the series share common design solutions, performance philosophy and the same rugged finish, as well as common rigging and transport accessories.

IDEA offers specific system configurations that match the best combination of BASSO subwoofers and LUA, EXO, VOA and EVO loudspeakers.

## BASSO-A Series - Active Subwoofers

BASSO18, 21, 24-t, 36 and 36t are available in self-powered versions, featuring, 1.5 & 3 KW Powersoft Class-D power modules to deliver the same sound and performance of the standard models with all the advantages of active solutions, together with EXO-A and EVO Series self-powered models.

BASSO10i and LUA3i.



## BASSO, Bass-Reflex Models

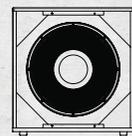
Subwoofers, with direct radiating bass-reflex designs, focus on delivering maximum bandwidth, ease of acoustical integration and linearity.



BASSO10i



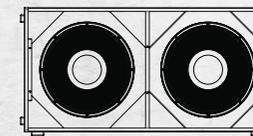
BASSO10



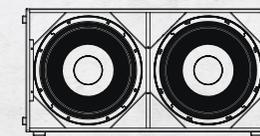
BASSO18



BASSO21



BASSO36



BASSO2121

<b>Enclosure design</b>	Bass-Reflex	Bass-Reflex	Bass-Reflex	Bass-Reflex	Bass-Reflex	Bass-Reflex
<b>Subwoofer</b>	1 x 10"	1 x 10"	1 x 18"	1 x 21"	2 x 18"	2 x 21"
<b>RMS Power Handling *</b>	400 W	400 W	1250 W	1500 W	2500 W	3000 W
<b>Nominal Impedance</b>	8 Ohm	8 Ohm	8 Ohm	8 Ohm	4 Ohm	4 Ohm
<b>Peak SPL (Continuous/Peak)</b>	115/123 dB SPL	122/128 dB SPL	131/137 dB SPL	131/137 dB SPL	133/139 dB SPL	136/142 dB SPL
<b>Frequency Response [-10 dB]</b>	49 - 150 Hz	47 - 240 Hz	28 - 180 Hz	25 - 140 Hz	33 - 180 Hz	20 - 120 Hz
<b>Connectors</b>	Euroblock	2 x NL-4 in parallel				
<b>Dimensions [W x H x D]</b>	450 x 405 x 145 mm	395 x 300 x 400 mm	600 x 600 x 740 mm	600 x 600 x 950 mm	1200 x 600 x 740 mm	1200 x 600 x 950 mm
<b>Weight</b>	13 Kg	15 Kg	54 Kg	70 Kg	98 Kg	130 Kg

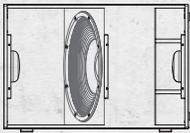
\* IEC filtered pink noise with a 6dB crest factor, 2 hours

## BASSO-t, Band-Pass Models

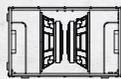
5th order Band-Pass design Subwoofers that focus on electro-acoustical efficiency and power density, with narrower bandwidth and outstanding maximum SPL levels.



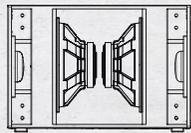
**BASSO12t**



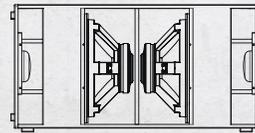
**BASSO21t**



**BASSO24t**



**BASSO36t**



**BASSO2121t**

Symmetrical Air mass Loading 5th order Band-Pass

1 x 12"	1 x 21"	2 x 12"	2 x 18"	2 x 21"
750 W	1500 W	1500 W	2500 W	3000 W
8 Ohm	8 Ohm	4 Ohm	4 Ohm	4 Ohm
126/132 dB SPL	132/138 dB SPL	129/135 dB SPL	135/141 dB SPL	139/145 dB SPL
30 - 120 Hz	39 - 150 Hz	40 - 180 Hz	45 - 200 Hz	31 - 140 Hz
2 x NL-4 in parallel				
395 x 300 x 830 mm	900 x 600 x 850 mm	600 x 365 x 850 mm	900 x 600 x 850 mm	1200 x 600 x 950 mm
30 Kg	81 Kg	56 Kg	89 Kg	133 Kg



*Two BASSO18 stacked with optional rigging accessories.*

*These optional frames allow for stacked and flown subwoofer configurations.*

# VOA Series

## Passive Line-Array systems

From one-man shows to stadium rock festivals, VOA Line-Array systems are always powerful, dependable and excellent value solutions. Designed to be simple to configure, deploy and operate in a reliable and predictable way, these Line-Array systems will save time, efforts and costs to Pro-AV, sound rental and touring companies.

VOA Series offer coherent line source array behavior, excellent power density and mechanical strength.

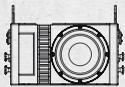
VOA Integrated rigging system and rigging accessories are compatible with BASSO Series subwoofers, allowing for flown-sub configurations.

Thanks to BASSO rigging system, compatible models\* can easily be linked and suspended with minimal logistic needs.



**VOA8** is a compact multipurpose 2-way bi-amp professional line-array system that combines solid touring-grade finish and construction quality with maximum set-up and configuration simplicity.

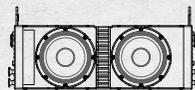
Conceived for a very wide range of mobile and portable sound reinforcement applications and virtually all kind of installations were coverage-to-cost ratio is a defining factor.



**VOA8**

**VOA16** is a high value 3-Way tri-amp professional line-array system with high performance components in a convenient and cost-effective package that meets all serious professional standards, optimized as main system in professional sound reinforcement an touring applications.

Also suitable for high SPL installations, sport arenas or performance venues.

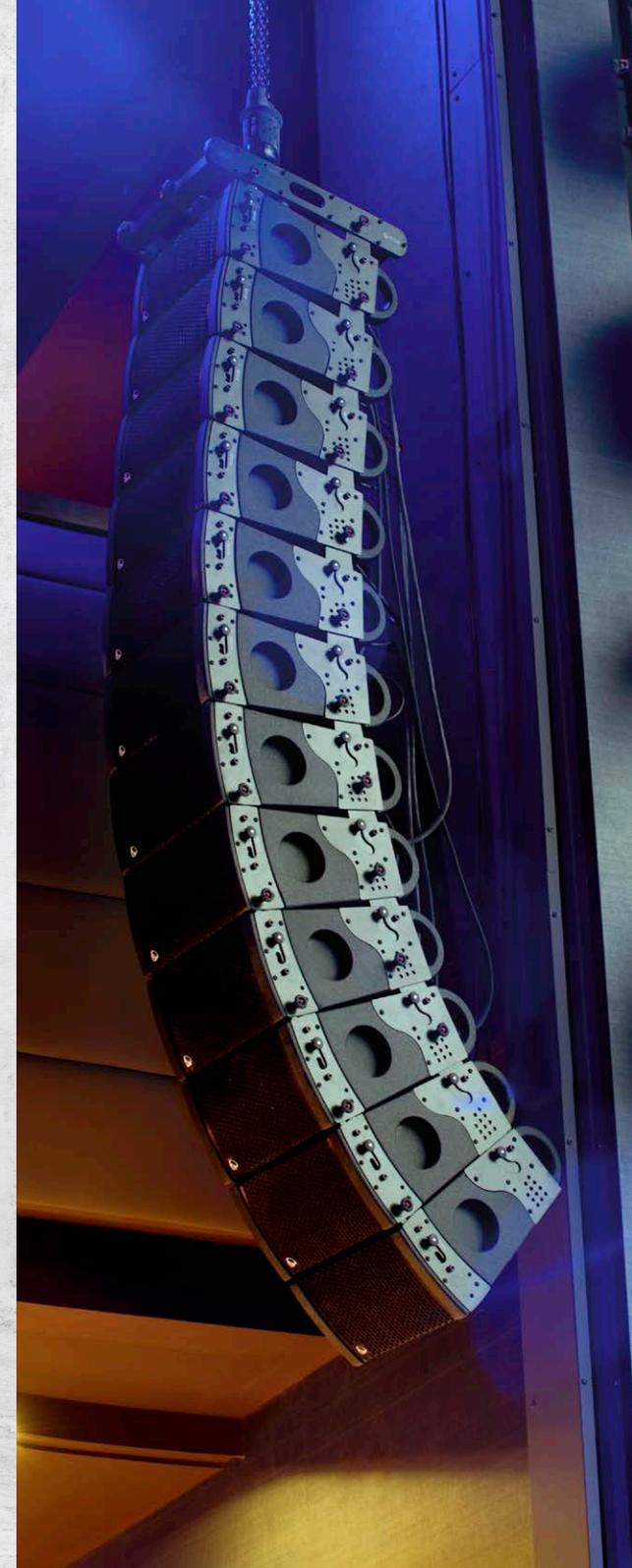


**VOA16**

<b>Enclosure design</b>	10" Trapezoidal Array element	10" Trapezoidal element - Sealed MF, Ported LF
<b>HF Transducer</b>	1.75" Compression Driver	3" Compression Driver
<b>LMF Transducer</b>	8"	8"
<b>RMS Power Handling *</b>	300 + 60 W	300 + 250 + 75 W
<b>Nominal Impedance</b>	16 + 16 Ohm	16 + 16 + 16 Ohm
<b>Peak SPL (Continuous/Peak)</b>	124/130 dB SPL	127/133 dB SPL
<b>Frequency Response (-10 dB)</b>	85 - 18000 Hz	85 - 18000 Hz
<b>Connectors</b>	2 x NL-4 in parallel	2 x NL-8 in parallel
<b>Dimensions (W x H x D)</b>	395 x 225 x 490 mm	630 x 225 x 490 mm
<b>Weight</b>	21 Kg	30 Kg

\* IEC filtered pink noise with a 6dB crest factor, 2 hours

*VOA Line-Array integrated rigging system allows for optimal setup operations and provides a stylish design for club installed sound.*



# EVO Series

## Active Line-Array systems

EVO Series present a range of active line-array systems (and passive counterparts) that provide convenient and powerful plug-and-play solutions for many applications from compact portable or full fledged concert sound to high impact installed

The design goal of EVO Series is to provide operators serious professional Line Array behavior and performance with a contained cost and straightforward rugged simplicity.

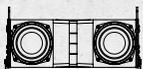
Using advanced Class D amplifiers and DSP with factory optimized array length compensating presets, with high quality materials and mechanical strength, EVO Series array systems deliver predictable and controlled results with simplified deployment and logistics.



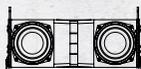
**EVO55 (NEW)** systems are unique professional portable sound reinforcement systems that offer excellent modularity and versatility. The very compact 4-element array (smaller than a typical 15" 2-way loudspeaker) will always deliver SPL and coverage beyond the physical size of the system, while it can be rigged and operated with minimal logistical resources. A single operator can pole mount, stack and fly 4 to 8 elements very easily.

An EVO55 can power 1, 2 or 3 additional **EVO55-P** in active systems with a 1400W Class-D, DSP Power module. Passive systems can be configured as factory ready. Turn-key solutions with PLD amps and TE0d8 driven amps.

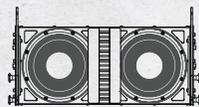
**EVO20** is a High value professional 2-way active dual 10" line-array system with excellent sonic performance and reliability, in a convenient and cost-effective package that meets all audio industry professional standards, optimized as main system in portable professional sound reinforcement or touring applications as well as high SPL installations for club sound, sport arenas or performance venues.



**EVO55**



**EVO55-P**



**EVO20**

<b>Enclosure design</b>	6" Trapezoidal · Ported	6" Trapezoidal · Ported	10" Trapezoidal · Ported
<b>HF Transducer</b>	1.75"	1.75"	3"
<b>LF Transducer</b>	2 x 5"	2 x 5"	2 x 10"
<b>RMS Power Handling *</b>	-	300 W	-
<b>Nominal Impedance</b>	-	16 Ohm	-
<b>Peak SPL [Continuous/Peak]</b>	119/125 dB SPL	119/125 dB SPL	125/131 dB SPL
<b>Frequency Response [-10 dB]</b>	120 - 20 000 Hz	120 - 20 000 Hz	100 - 18000 Hz
<b>Amp/DSP Module</b>	1.4 kW	-	500 + 250 W
<b>Connectors</b>	XLR + PowerCON + NL-4	2 x NL-4	XLR + PowerCON
<b>Dimensions (W x H x D)</b>	416 x 155 x 334 mm	416 x 155 x 334 mm	626 x 278 x 570 mm
<b>Weight</b>	14 Kg	12.5 Kg	33 Kg

\* IEC filtered pink noise with a 6dB crest factor, 2 hours

*EVO20 is a convenient, versatile professional sound reinforcement tool for any application.*



**IDEA ProAudio** is a professional audio loudspeaker systems manufacturer based in Cedeira (Galicia - Spain), formed by a group of veteran professionals from the pro-audio industry, in manufacturing and distribution, joined by a young team of professionals trained and experienced specifically in loudspeaker development and manufacturing in a dedicated new factory, test facilities and modern assembly and QC lines.

Our mission is to deliver high quality, flexible and complete professional audio loudspeaker systems that maximize our customer's product value and ROI.

The goal is to avoid any unnecessary sophistication but never compromise reliability nor performance, with focus on power density and price performance in all our products.

[www.ideaproaudio.com](http://www.ideaproaudio.com)

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IDEA Pro Audio is always in pursuit of better performance, greater reliability and design features; technical specifications and minor finish details may vary without notice in order to improve our products.

## **Product of Europe**

Our products are the result of the extensive collaboration of European engineering teams, running parallel R&D programs in a network, centralized at the new IDEA manufacturing facilities in Cedeira. A fresh contemporary approach, based only on European components and labor, meeting all CE Quality control and procedures and standards.

## **Maximum Value**

All our systems are focused on application convenience, absolute value and sonic excellence, while remaining within a product combination architecture that always ensures maximum performance. We have developed an original way to envision loudspeaker design, based on the manufacturing process and the final application.

## **Modular complete systems**

IDEA products are, essentially, complete modular Loudspeaker + DSP + Amplification systems for professional sound reinforcement that are all scalable and compatible to allow the user to find the right configuration to meet the SPL, coverage, operational costs and logistic requirements for each application.

## **Fair deal**

The goal of IDEA is to provide a dedicated network of users and distribution partners worldwide with hard-working professional audio tools that are equivalent in acoustic performance and construction quality to the most successful and respected brands in pro-audio industry, keeping controlled prices in order to maximize the value of IDEA systems.

