



*“Making speakers system that sound good with no artificial flavor is the reason I’m here. Joining LSS means to share a vision, a passion, and contribute to define our sound.”*



Giuseppe Laruffa (LSS Founder, CEO)





## Our factory is our illness, it is really a crazy idea.

It includes not only the production environment and offices and labs, but also a private theater and a loft on the upper floor to share listening and enjoying good food and drinks. Our headquarters means spending good time with other passionate experts and define together the real source of sound.

## The **LSS** essential book contains a quick overview of our production.

LSS offers a wide choice of speakers systems, all with the same passionate conceptual approach giving a sound full of personality and no compromise about quality in components and construction.

Our speakers are based on exclusive transducers wich are able to handle extremely high SPL.

LSS is known worldwide for its capability of offering customized, *tailor made* solutions not only from an aesthetic point of view, but adapting the speaker's shape and response to the installation and architectural needs.

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# LINE SOURCE

LINE ARRAY SPEAKERS SYSTEMS FOR THE LARGE INSTALLATIONS  
WITH OPTIMIZED PERFORMANCE AND HIGH SPL



# LINE SOURCE

## ST17 MICRO VERTICAL LINE ARRAY SYSTEM

### KEY FEATURES

Dual 6" LF with neodymium magnet in vented enclosure with 1,4" titanium driver on wave guide. Fly Mounting Hardware included for maximum ease of installation in touring. LSS passive compensation for perfect performance in arrays from 4 to 8 units per side.

<b>FREQUENCY RESPONSE</b>	±3 dB 75 Hz ~ 18 KHz -10 dB 58 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
Max SPL Calculated power AES [PEAK]	125 dB 129 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	16 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	510 W 1220 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	120° (H) x 9° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	195 x 580 x 520 with Hardware
<b>WEIGHT</b>	14 Kg

## LINE SOURCE



## SB17 LOW FREQUENCY EXTENSION FOR ST17

### KEY FEATURES

When extra LF pressure is needed for line array projects. 12" LF with neodymium magnet in vented enclosure. Fly Mounting Hardware included for maximum ease of installations. External Digital Crossover with separate amplifier required.



<b>FREQUENCY RESPONSE</b>	±3 dB 40 Hz ~ 150 Hz -10 dB 35 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	93 dB
Max SPL Calculated power AES [PEAK]	123 dB 130 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	1000 W 5000 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	Omni for single element (H - V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	460 x 580 x 476 with Hardware
<b>WEIGHT</b>	25 Kg

## HDA24 HIGH DEFINITION LINE ARRAY SYSTEM

### KEY FEATURES

For high definition and special installations, where high SPL is needed. Dual 8" LF with neodymium magnet in vented enclosure with 1,4" titanium driver on wave guide. Fly Mounting Hardware included for maximum ease of installation in touring. External Digital Processor and 2 way Crossover with separate amplifier are required.

<b>FREQUENCY RESPONSE</b>	±3 dB 50 Hz ~ 18 KHz -10 dB 45 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	LF 96 dB HF 103 dB
Max SPL Calculated power AES [PEAK]	LF 124 dB HF 123 LF 128 dB HF 126
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	LF 16 Ω HF 16 Ω
<b>POWER HANDLING</b> (Watts Cont. AES) [PEAK Power]	LF 600 W HF 110 W LF 1600 W HF 220 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	120° (H) x 9° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	240 x 700 x 540 with Hardware
<b>WEIGHT</b>	23 Kg



# COLUMN ARRAY

LSS IS SPECIALIZED IN CUSTOMIZED COLUMN ARRAY SOLUTION, WITH WIDE HORIZONTAL DISPERSION AND CONTROLLED VERTICAL SOUND IMAGE. THE CUSTOMIZED SPEAKERS WITH LSS EXCLUSIVE DESIGN ALLOW TO CREATE PERFECT RESPONSE EVEN IN THE MOST DEMANDING ENVIRONMENTS

# COLUMN ARRAY *Our Bespoke*

LSS is widely recognised as specialist in customized column array solutions, with wide horizontal dispersion and controlled vertical sound image.

The customized speakers with LSS exclusive design allow to create perfect response even in the most demanding environments. One of the peculiar LSS projects are large size column array for all-weather applications, where each speaker in the column has a specific waveguide, with a similar approach as in large size line array systems. In all-weather applications LSS uses *Kevlar* cone speakers that are especially made for these kind of installations. The result is an extremely controlled sound front. LSS is able to provide customized support for demanding architectural projects, including multichannel DSP powering.

Paravati Cathedral equipped with columnar bespoke **J column array** and customade **NFM 16**, our obelisk granite seamless waterproof column array.

## PP4-10 COLUMNAR MINI ARRAY SYSTEM

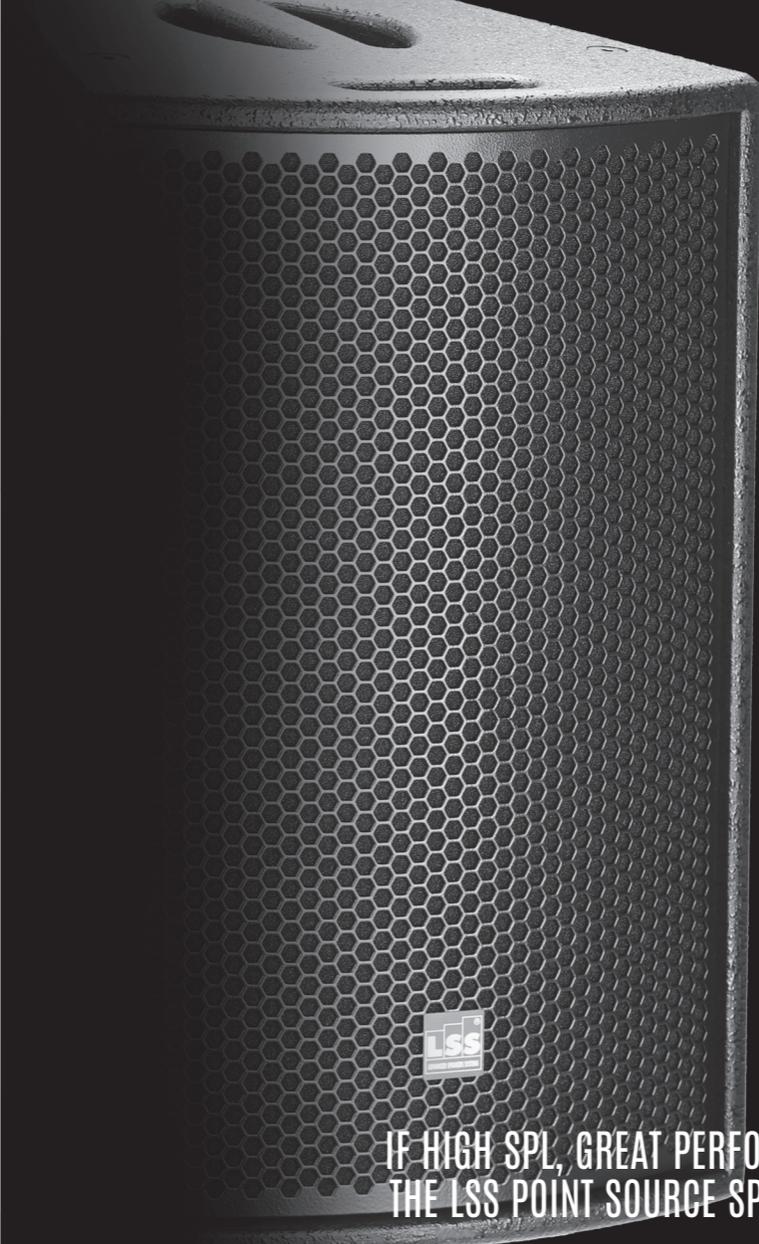
### KEY FEATURES

10 exclusive 4" full range drivers with LSS design membrane and neodymium magnet, for low distortion with maximum intelligibility. Mounting brackets included for easy installations. High quality for live exhibitions.

<b>FREQUENCY RESPONSE</b>	±5 dB 120 Hz ~ 18 KHz -10 dB 100 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	99.5 dB 127 dB 131 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	6 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	600 W 1500 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	80° (H) x 20° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	1130 x 125 x 144
<b>WEIGHT</b>	9.5 Kg

## COLUMN ARRAY





# POINT SOURCE

IF HIGH SPL, GREAT PERFORMANCE AND QUICK INSTALLATION ARE REQUIRED,  
THE LSS POINT SOURCE SPEAKERS SYSTEMS ARE THE BEST POSSIBLE CHOICE.

COMPACT AND VERSATILE, LSS PS SPEAKERS ARE A MUST HAVE FOR CLUBS, MUSICIANS AND DJS



# POINT SOURCE

## SP110 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

The smallest system of the SP line comes with a 4" LF in vented enclosure and a 1,1" silk soft dome tweeter. Especially built for multiple point installations for even SPL coverage in fixed installations, has a U bracket included. LSS SP starts natural and good sounding.

<b>FREQUENCY RESPONSE</b>	± 5dB 80 Hz to 20 KHz -10 dB 65 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	90 dB 108 dB 112 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK] Power	70 W 175 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	90° (H) x 100° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	270 x 150 x 170
<b>WEIGHT</b>	2,3 Kg

## POINT SOURCE



## SP216 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

The LSS classic passive speaker for permanent installations, with a 6" LF in vented enclosure and a 1" compression driver with cone shape horn, for a brilliant high frequency response. High SPL, U bracket included.



<b>FREQUENCY RESPONSE</b>	±5 dB 70 Hz ~ 20 KHz -10 dB 60 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated [PEAK]	92 dB 112 dB 116 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	100 W 250 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	80° (H) x 80° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	335 x 240 x 255
<b>WEIGHT</b>	6,5 Kg

## SP320 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

LSS passive speaker for touring or permanent installations, with an 8" LF in vented enclosure and a 1" compression driver with cone shape horn, for a brilliant high frequency response. High SPL, U bracket and pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 60 Hz ~ 20 KHz -10 dB 50 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	94 dB
Max SPL Calculated power AES [PEAK]	119 dB 123 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	300 W 850 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	80° (H) x 80° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	420 x 306 x 345
<b>WEIGHT</b>	11 Kg



## SP530 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

The most powerful of the SP line, with all the bass frequency characteristics of LSS speakers, 12" LF in vented enclosure and a 1.75" compression driver with horn. For touring or permanent installations, it can be also biamplified with external crossover. High SPL, pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 55 Hz ~ 18 KHz -10 dB 45 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
Max SPL Calculated power AES [PEAK]	125 dB 129 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	500 W 1275 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	590 x 390 x 395
<b>WEIGHT</b>	21 Kg



## POINT SOURCE

## SP425 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

This passive speaker for touring or permanent installations offers a rotatable horn for optimized performance in vertical or horizontal configurations. 10" LF in vented enclosure and a 1.75" compression driver. High SPL, U bracket and pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 65 Hz ~ 18 KHz -10 dB 45 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	96 dB
Max SPL Calculated power AES [PEAK]	122 dB 126 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	400 W 1000 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	510 x 320 x 365
<b>WEIGHT</b>	18 Kg



## MIL130 COMPACT 2-WAY LOUDSPEAKER SYSTEM

### KEY FEATURES

Special configuration system with 2x5" LF drivers and 1" compression driver with cone shape horn. Smoother bass response, great intelligibility, very compact. For touring or permanent installations, it has a trapezoidal cabinet for horizontal configurations. Fly mounting points and U bracket included.

<b>FREQUENCY RESPONSE</b>	±5 dB 70 Hz ~ 20 KHz -10 dB 60 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	91 dB
Max SPL Calculated power AES [PEAK]	114 dB 118 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	16 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	200 W 500 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	80° (H) x 80° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	460 x 180 x 200
<b>WEIGHT</b>	8 Kg

## PULCE EXTREMELY COMPACT LOUDSPEAKER SYSTEM

### KEY FEATURES

3" full range speaker, with exclusive LSS project. Ideal for high quality distributed systems and music capable paging systems. Perfect for background music and multi-room zoning in restaurants, museums, corporate offices that want an exclusive outstanding performance. Customized colors available. Flexible installation.

<b>FREQUENCY RESPONSE</b>	±5 dB 120 Hz ~ 18 KHz -10 dB 110 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	87 dB
Max SPL Calculated power AES [PEAK]	102 dB 106 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	16 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	30 W 75 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	80° (H) x 80° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	105 x 112 x 112
<b>WEIGHT</b>	0,8 Kg



## PP4 EXTREMELY COMPACT LOUDSPEAKER SYSTEM

### KEY FEATURES

4" full range speaker, with exclusive LSS project, offers a higher SPL than Pulce. Ideal for high quality distributed systems and music capable paging systems. Perfect for background music and multi-room zoning in restaurants, museums, corporate offices and clubs that want an exclusive outstanding performance. Customized colors available. Flexible installation.

<b>FREQUENCY RESPONSE</b>	±5 dB 120 Hz ~ 18 KHz -10 dB 110 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	90 dB
Max SPL Calculated [PEAK]	108 dB 112 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	16 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	60 W 150 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	80° (H) x 80° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	141 x 128 x 145
<b>WEIGHT</b>	1,5 Kg



# HORN SYSTEMS

THE HIGHEST POSSIBLE SONIC QUALITY AT HIGH SPL LEVELS. COAX HIGH POWER HORN LOADED SYSTEMS, THAT ALLOW DIRECT RADIANCE AND BOTH STAGE AND ARRAYABLE INSTALLATIONS. OPTIMAL PERFORMERS from 80 Hz UP

# HORN SYSTEMS *The QREX Family*

QREX system by LSS is a peculiar project, created for the ones that need high SPL with extremely natural sonic quality.

The original response of LSS QREX is extremely pleasant, and external electronic manipulation is just needed to optimize the performance in particular configurations. LSS believes that horn loaded systems offer a native performance that is superior to line array systems, that need an heavier compensation. QREX is equipped with our best 12" transducer, specially equipped with pure pulp cellulose cone autoclave waterprof treated, dual roll winding, Konex progressive waves spider, micro-cooling transducer structure to give an extremely precise sound.

## QREX HORN LOADED LONG-THROW ARRAYABLE SYSTEM

### KEY FEATURES

2 ways horn loaded coax system, with 12" LF and 3" HF units. Both transducers are loaded into 60°x40° coax horn. For touring and permanent installations, can be installed on stage or suspended.

<b>FREQUENCY RESPONSE</b>	±2.5 dB 90 Hz ~ 20 KHz -10 dB 65 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	Full Range 101 dB Full Range 129 dB Full Range 133 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	Full Range 700 W Full Range 1420 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	60° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	595 x 600 x 600
<b>WEIGHT</b>	43 Kg

## HORN SYSTEMS



## SUBQREX LOW FREQUENCY EXTENSION FOR QREX SYSTEM

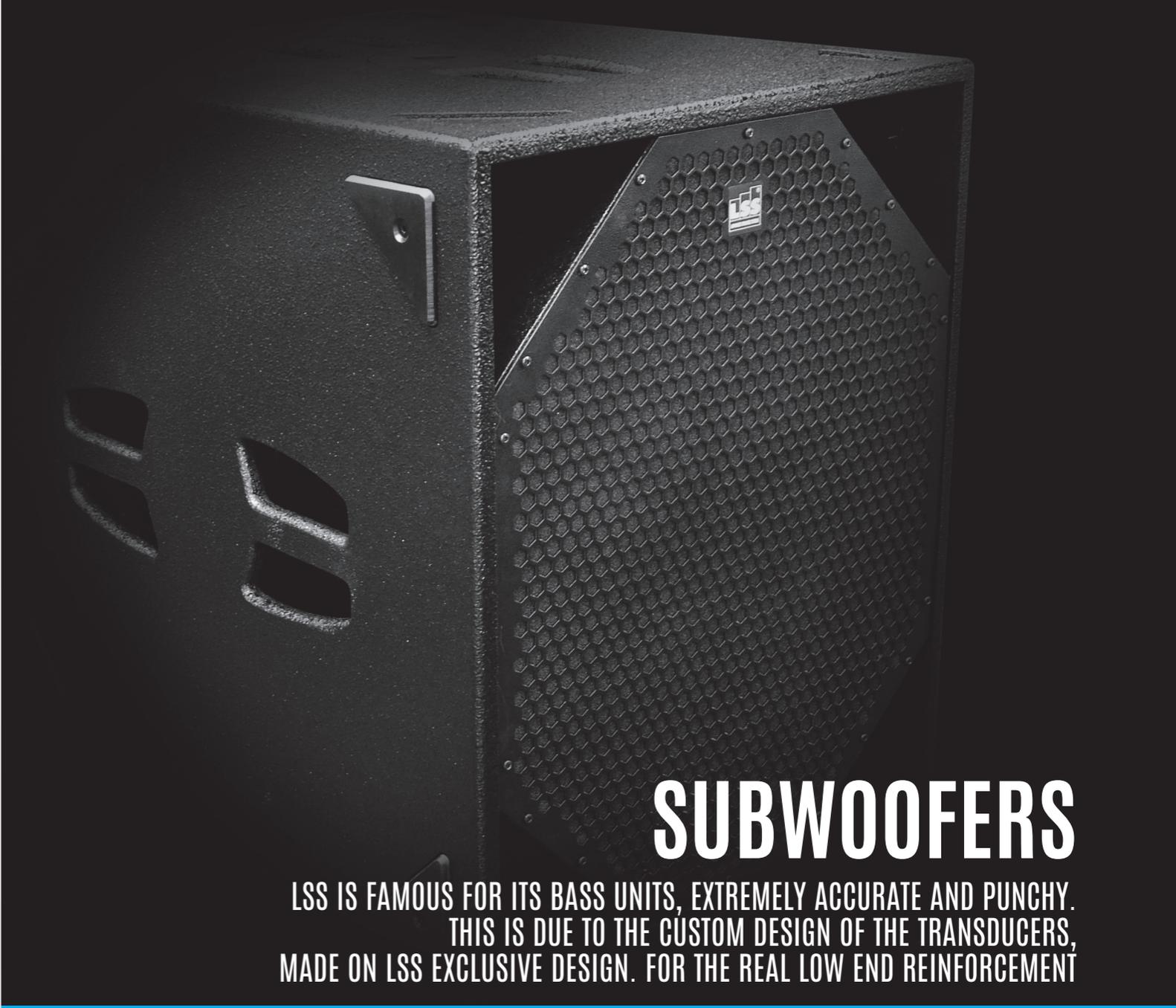
### KEY FEATURES

This special unit is made to be coupled with the QREX full range unit, to perform perfectly in high SPL required environments. It can be suspended together with QREX, thanks to the included suspension hardware. 18" customized transducer, with neodymium magnet.

TO BE DRIVEN WITH EXTERNAL DIGITAL PROCESSOR



<b>FREQUENCY RESPONSE</b>	±5 dB 30 Hz ~ 150 Hz -10 dB 25 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	97 dB 129 dB 136 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	1500 W 7200 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	596 x 600 x 720
<b>WEIGHT</b>	56 Kg



# SUBWOOFERS

LSS IS FAMOUS FOR ITS BASS UNITS, EXTREMELY ACCURATE AND PUNCHY. THIS IS DUE TO THE CUSTOM DESIGN OF THE TRANSDUCERS, MADE ON LSS EXCLUSIVE DESIGN. FOR THE REAL LOW END REINFORCEMENT

# SUBWOOFERS

LSS subwoofers are really unique, its transducers are made with lots of care and special details, such as double sandwich coils with non linear split winding, for mechanical damping factor and more handling power, and higher lower QMS due to micro vent structure, thermal control circuit of voice coil gap for reduced power compression and for a more linear and precise bass reproduction.

## PULCEW COMPACT STEREO SUBWOOFER SYSTEM

### KEY FEATURES

Dual 6" LF in BandPass vented enclosure, ideal for permanent installations. Passive, it is ideal for permanent installation where full bass response is required. The band pass structure gives that extra kick exactly where required.

FREQUENCY RESPONSE	±5 dB 40 Hz ~ 180 Hz -10 dB 30 Hz
SENSIVITY (1 Watt @ 1 m)	92 dB
Max SPL Calculated power AES [PEAK]	114 dB 118 dB
NOMINAL INPUT IMPEDANCE (Ω)	8+8 Ω
POWER HANDLING Watts Cont. AES [PEAK Power]	80+80 W 200 W+200 W
NOMINAL DISPERSION (@ -6 dB)	360°
DIMENSIONS mm (±1 mm) (H x W x D)	270 x 400 x 400
WEIGHT	10,4 Kg



## SUBWOOFERS

## SUBDRIVE12P COMPACT REFLEX SUBWOOFER SYSTEM

### KEY FEATURES

One of the favourite LSS sub units, non reflex, very compact. The band pass structure allow a very controlled excursion, with a special punchy sound exactly where it is needed. Tailor design 12" transducer, perfect also for the mobile musician. Pole mount hole included. The perfect example of the LSS philosophy, a sub with a perfect sound as it is.



FREQUENCY RESPONSE	±5 dB 50 Hz ~ 180 Hz -10 dB 40 Hz A ±5 dB 50 Hz ~ 180 Hz -10 dB 40 Hz
SENSIVITY (1 Watt @ 1 m)	93 dB      A 95 dB
Max SPL Calculated power AES [PEAK]	123 dB      A 127 dB 130 dB      A 130 dB
NOMINAL INPUT IMPEDANCE (Ω)	8 Ω      A s
POWER HANDLING Watts Cont. AES [PEAK Power]	1000 W      A 1500 W + 2 X 350 W 5000 W      A 3000W + 2 X 350 W
NOMINAL DISPERSION (@ -6 dB)	360°      A s
DIMENSIONS mm (±1 mm) (H x W x D)	400 x 520 x 450      A s
WEIGHT	25 Kg      A 27 Kg

## PSUB1 COMPACT REFLEX SUBWOOFER SYSTEM

### KEY FEATURES

The classic LSS sub, with 15" neodymium magnet transducer. Pole mount hole included. For the lovers of the high quality of the 15" sub, with no compromises.

TO BE DRIVEN WITH EXTERNAL DIGITAL PROCESSOR

<b>FREQUENCY RESPONSE</b>	±5 dB 40 Hz ~ 150 Hz -10 dB 35 Hz
<b>SENSIVITY (1 Watt @ 1 m)</b>	97 dB
<b>Max SPL Calculated power AES [PEAK]</b>	128 dB 135 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES	1200 W
[PEAK Power]	7000 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°
<b>DIMENSIONS mm (±1 mm) (H x W x D)</b>	540 x 450 x 550
<b>WEIGHT</b>	35 Kg



## OCTO18 ROTABLE REFLEX SUBWOOFER SYSTEM

### KEY FEATURES

This special unit is easy to install, can be rotated and has a lower profile, allowing stage installations. It reaches perfectly 100 Hz. 18" customized transducer, with neodymium magnet.

TO BE DRIVEN WITH EXTERNAL DIGITAL PROCESSOR

<b>FREQUENCY RESPONSE</b>	±5 dB 40 Hz ~ 150 Hz -10 dB 30 Hz	<b>A s</b>
<b>SENSIVITY (1 Watt @ 1 m)</b>	97 dB	<b>A s</b>
<b>Max SPL Calculated power AES [PEAK]</b>	129 dB 135 dB	<b>A s</b> <b>A 132 dB</b>
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω	<b>A s</b>
<b>POWER HANDLING</b>		
Watts Cont. AES	1500 W	<b>A 1500 W</b>
[PEAK Power]	7000 W	<b>A 3000W</b>
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°	<b>A s</b>
<b>DIMENSIONS mm (±1 mm) (H x W x D)</b>	640 x 520 x 700	<b>A s</b>
<b>WEIGHT</b>	52 Kg	<b>A 54 Kg</b>



ALSO AVAILABLE  
IN ACTIVE VERSION  
**OCTO  
-18A-**

## DG118 REFLEX SUBWOOFER SYSTEM

### KEY FEATURES

The maximum quality of the 18" neodymium magnet transducer. Pole mount hole included. When the lowest possible frequencies are a must.

TO BE DRIVEN WITH EXTERNAL DIGITAL PROCESSOR

<b>FREQUENCY RESPONSE</b>	±5 dB 35 Hz ~ 150 Hz -10 dB 30 Hz	<b>A s</b>
<b>SENSIVITY (1 Watt @ 1 m)</b>	97 dB	<b>A s</b>
<b>Max SPL Calculated power AES [PEAK]</b>	129 dB 136 dB	<b>A 125 dB</b> <b>A 128 dB</b>
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω	<b>A s</b>
<b>POWER HANDLING</b>		
Watts Cont. AES	1500 W	<b>A 700 W</b>
[PEAK Power]	7200 W	<b>A 1400 W</b>
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°	<b>A s</b>
<b>DIMENSIONS mm (±1 mm) (H x W x D)</b>	400 x 520 x 450	<b>A s</b>
<b>WEIGHT</b>	44 Kg	<b>A 46 Kg</b>



ALSO AVAILABLE  
IN ACTIVE VERSION  
**DG  
-118A-**



ALSO AVAILABLE  
IN ACTIVE VERSION  
**OCTO  
-21A-**

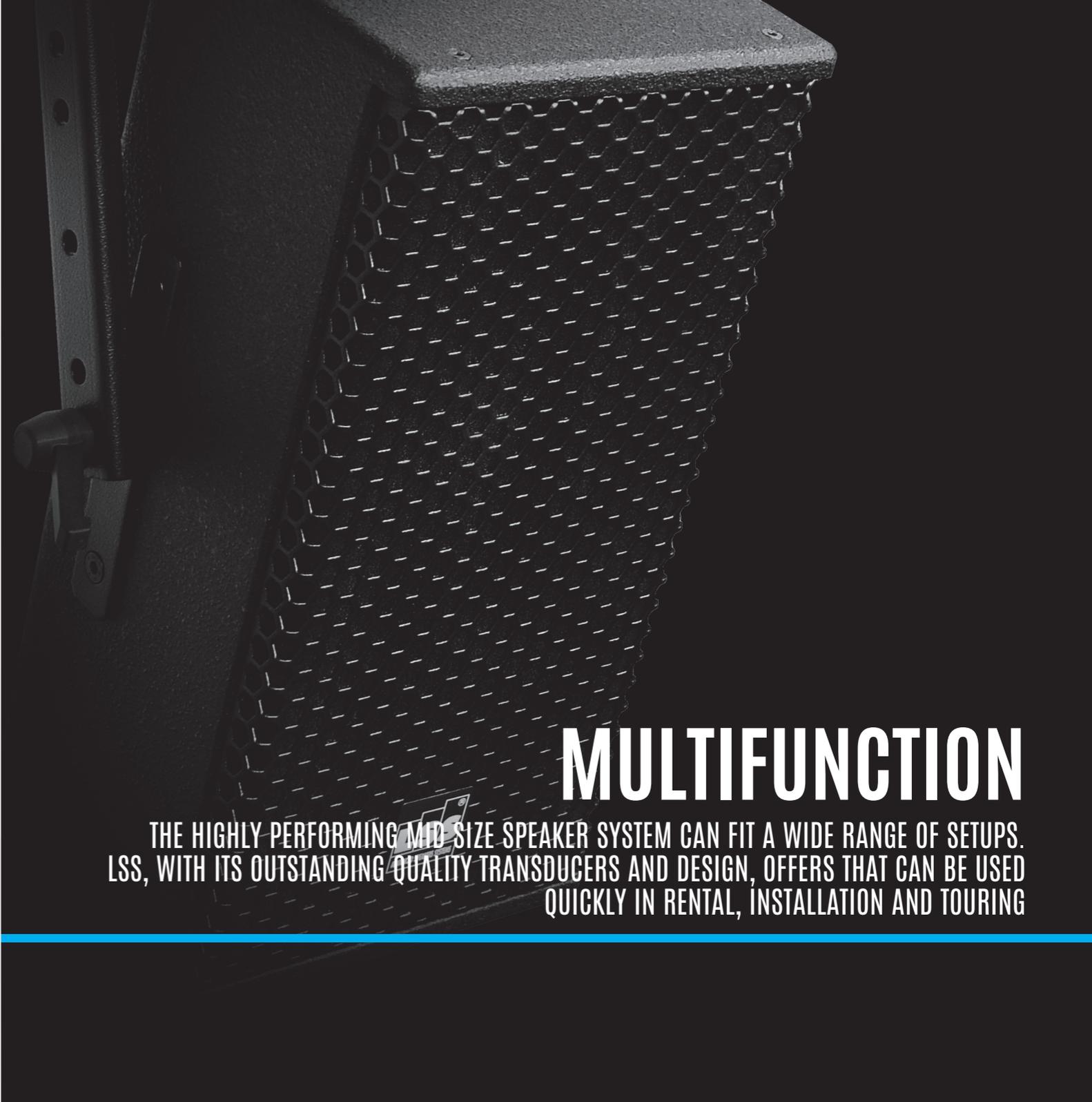
## OCTO21 REFLEX SUBWOOFER SYSTEM

### KEY FEATURES

This special unit is easy to install, can be rotated and has a lower profile, allowing stage installations. It reaches perfectly 100 Hz. 21" customized transducer, with neodymium magnet.

TO BE DRIVEN WITH EXTERNAL DIGITAL PROCESSOR

<b>FREQUENCY RESPONSE</b>	±5 dB 30 Hz ~ 150 Hz -10 dB 25 Hz	<b>A ±5 dB 30 Hz ~ 120 Hz -10 dB 25 Hz</b>
<b>SENSIVITY (1 Watt @ 1 m)</b>	96 dB	<b>A 96 dB</b>
<b>Max SPL Calculated power AES [PEAK]</b>	129 dB 136 dB	<b>A 131 dB</b> <b>A 134 dB</b>
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω	<b>A s</b>
<b>POWER HANDLING</b>		
Watts Cont. AES	2000 W	<b>A 3400 W</b>
[PEAK Power]	10000 W	<b>A 6800 W</b>
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°	<b>A s</b>
<b>DIMENSIONS mm (±1 mm) (H x W x D)</b>	700 x 600 x 800	<b>A s</b>
<b>WEIGHT</b>	70 Kg	<b>A 72 Kg</b>



# MULTIFUNCTION

THE HIGHLY PERFORMING MID SIZE SPEAKER SYSTEM CAN FIT A WIDE RANGE OF SETUPS. LSS, WITH ITS OUTSTANDING QUALITY TRANSDUCERS AND DESIGN, OFFERS THAT CAN BE USED QUICKLY IN RENTAL, INSTALLATION AND TOURING

# MULTIFUNCTION

LSS multifunction means higher flexibility with unexpected quality.

all the speakers can be use for permanent installation or portable application. Quickly and easily configured for use as floor monitors, or fly installations vertically or horizontally or for use as small side/rear fills. A wide range of solutions done to be easily tuned for different setups starting from a very high quality standard. All multifunction configurations can be tailor made not only in color but also in shape of the cabinet.

## SP220 COMPACT MULTIFUNCTION SYSTEM

### KEY FEATURES

LSS passive speaker for touring or permanent installations, with an 8" LF ferrite driver in vented enclosure and a 1" compression driver with rotatable horn, for both horizontal and vertical installations. High SPL, U bracket and pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 60 Hz ~ 20 KHz -10 dB 40 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	94 dB
Max SPL Calculated power AES [PEAK]	119 dB 123 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	310 W 875 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	500 x 240 x 315
<b>WEIGHT</b>	10 Kg

## MULTIFUNCTION



## DG300 COMPACT MULTIFUNCTION SYSTEM

### KEY FEATURES

the LSS multifunction choice where higher power is needed. 12" LF ferrite driver in vented enclosure and a 1.4" compression driver with rotatable 1" horn, for both horizontal and vertical installations. High SPL, U bracket and pole mount cup included.



<b>FREQUENCY RESPONSE</b>	±5 dB 65 Hz ~ 18 KHz -10 dB 55 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
Max SPL Calculated power AES [PEAK]	124 dB 128 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	400 W 1075 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	590 x 430 x 350
<b>WEIGHT</b>	18,5 Kg

## M30.3 ULTRA COMPACT MULTIFUNCTION SYSTEM

### KEY FEATURES

Ultra compact LSS passive speaker for touring or permanent installations, with a 6" LF neodymium driver in vented enclosure and a 1,4" compression driver with 1" rotatable horn, for both horizontal and vertical installations. Fly mounting points and brackets included.



<b>FREQUENCY RESPONSE</b>	±5 dB 80 Hz ~ 20 KHz -10 dB 65 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	93 dB
Max SPL Calculated power AES [PEAK]	117 dB 121 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	16 Ω (on request 8 Ω)
<b>POWER HANDLING</b>	
Watts Cont. AES	250 W
[PEAK Power]	575 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	375 x 195 x 210
<b>WEIGHT</b>	8,5 Kg

## M60 MULTIFUNCTION COMPACT HIGH POWER SYSTEM

### KEY FEATURES

M60 is the multifunctional speaker with the innovative 14" transducer, especially fit for smooth frequency response, with all the good response in the vocal section like the 12" but that extra bass like the 15". It can be used for small PA, fixed installs and also delay lines, for its peculiar specifications.



<b>FREQUENCY RESPONSE</b>	±5 dB 80 Hz ~ 20 KHz -10 dB 65 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	99 dB
Max SPL Calculated power AES [PEAK]	128 dB 132 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES	800 W
[PEAK Power]	2000 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	80° (H) x 60° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	684 x 428,5 x 370
<b>WEIGHT</b>	28 Kg



# STAGE MONITORS

LIVE MUSIC AND ARTISTS SUPPORT WITH SUPERB PERFORMANCE.  
FROM SMALL TO LARGE FORMATS

# STAGE MONITORS



## STAGE MONITORS

### WM2 ULTRA LOW PROFILE STAGE MONITOR SYSTEM

#### KEY FEATURES

All the LSS stage monitors offer an extra low profile, with a customized horn shape in order to create a perfect coverage in the artist area, reducing feedback risks. The WM2 has a 12" coax speaker with neodymium magnet, in vented enclosure. Flying mounting hardware and pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 65 Hz ~ 18 kHz -10 dB 50 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
<b>Max SPL Calculated power AES [PEAK]</b>	126 dB 131 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES	600 W
[PEAK Power]	1800 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	60°(V) x 40°(H) Rotable Horn
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	315 x 500 x 485
<b>WEIGHT</b>	16,5 Kg



### WM3 LOW PROFILE STAGE MONITOR SYSTEM

#### KEY FEATURES

15" coax speaker, also with a customized horn shape in order to create a perfect coverage in the artist area, reducing feedback risks. Flying mounting hardware and pole mount cup included.



<b>FREQUENCY RESPONSE</b>	±5 dB 50 Hz ~ 18 kHz -10 dB 40 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
<b>Max SPL Calculated power AES [PEAK]</b>	126 dB 131 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES	600 W
Peak Power	1800 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	60°(V) x 40°(H) Rotable Horn
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	410 x 600 x 600
<b>WEIGHT</b>	23 Kg

## MM1 ULTRA LOW PROFILE STAGE MONITOR SYSTEM

### KEY FEATURES

Our smallest stage monitor MM1 has a 6.5" special speaker with neodymium magnet and exponential membrane profile, in vented enclosure. This offer a very good performance in frequency response even at this small size.



<b>FREQUENCY RESPONSE</b>	±5 dB 80 Hz ~ 18 kHz -10 dB 60 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	92 dB
Max SPL Calculated power AES [PEAK]	114 dB 118 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	175 W 400 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	70°(H) x 70°(V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	210 x 250 x 315
<b>WEIGHT</b>	4 Kg

## TSM14 HIGH OUTPUT COAXIAL STAGE MONITOR

### KEY FEATURES

LSS strongly believe in the 14" size transducer, with the new features possible with the newest technologies in magnet and transducer assembly. It offer a great response with natural sound in the mid frequencies like smaller speakers but with a great performance on the bass like a 15".

OPTIMIZED CROSSOVER FOR PERFECT HIGH SPL PERFORMANCE WITH LESS FEEDBACK RISK



<b>FREQUENCY RESPONSE</b>	±5 dB 50 Hz ~ 18 kHz -10 dB 40 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	99 dB
Max SPL Calculated power AES [PEAK]	127 dB 132 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	600 W 1800 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	80°(H) x 80°(V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	350 x 580 x 570
<b>WEIGHT</b>	22 Kg



# SELF POWERED

WHEN PORTABILITY AND LESS CONNECTIONS ARE REQUIRED FEATURES, THE ACTIVE LSS SYSTEMS REPRESENT A QUALITY CHOICE, WHERE THE SPEAKER ITSELF SOUNDS PERFECTLY, AND THE DSP CONTROLLED AMP ADDS JUST THAT EXTRA KICK AND CONTROLLABILITY



**SELF POWERED**

**LSS**  
ADVANCED SPEAKERS SYSTEMS

## LT60 COMPACT SELF POWERED SYSTEM (KIT)

### KEY FEATURES

LT60 is really a remarkable system, with the mid-high unit made with very special transducers, still unique on the market. The membrane shape and the magnet structure offer an incredible performance in full range. The low frequencies unit includes a DSP controlled power amplifier, for easy and compact installations. LT60 is also available in passive mode, since the response of the system is natively perfect.

### SUB SPECS.

<b>FREQUENCY RESPONSE</b>	±5 dB 50 Hz ~ 120 Hz -10 dB 35 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power EIAJ [PEAK]	95 dB 120 dB 123 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	4 Ω
<b>POWER HANDLING</b> Watts EIAJ [PEAK Power]	350 W 700 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	360°
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	330 x 500 x 450
<b>WEIGHT</b>	21 Kg

### SATELLITE SPECS.

<b>FREQUENCY RESPONSE</b>	±5 dB 135 Hz ~ 20 KHz -5 dB 100 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power EIAJ [PEAK]	95 dB 120 dB 123 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	4 Ω
<b>POWER HANDLING</b> Watts EIAJ [PEAK Power]	350 W 700 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	80° (H) x 25° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	595 x 125 x 150
<b>WEIGHT</b>	8 Kg

**NOTE** this kit includes: two sats (with bag), two subs (with bag), two stands (with bag), cables

**SELF POWERED**

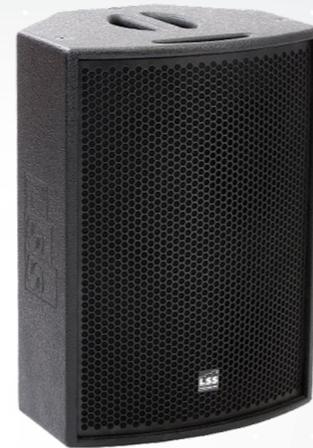


## DG300A 2-WAY SELF POWERED LOUDSPEAKER SYSTEM

### KEY FEATURES

This active speaker for portable or permanent installations offers a rotatable horn for optimized performance in vertical or horizontal configurations. 12" LF in vented enclosure and a 1.4" compression driver. High SPL with biamp configuration, fly mounting points and pole mount cup included.

<b>FREQUENCY RESPONSE</b>	±5 dB 65 Hz ~ 18 KHz -10 dB 60 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
Max SPL Calculated power EIAJ [PEAK]	125 dB 128 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b>	
Watts EIAJ [PEAK Power]	450 W 900 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	590 x 430 x 350
<b>WEIGHT</b>	19 Kg



## SP530A 2-WAY SELF POWERED LOUDSPEAKER SYSTEM

### KEY FEATURES

The most powerful of the self powered systems, with all the bass frequency characteristics of LSS speakers, 12" LF in vented enclosure and a 1.75" compression driver with horn. For touring or permanent installations, it is biamplified with external crossover and digital amplifier.

<b>FREQUENCY RESPONSE</b>	±5 dB 55 Hz ~ 18 KHz -10 dB 40 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	98 dB
Max SPL Calculated power EIAJ [PEAK]	128 dB 132 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	4 Ω
<b>POWER HANDLING</b>	
Watts EIAJ [PEAK Power]	1120 W 2240 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	590 x 390 x 395
<b>WEIGHT</b>	22 Kg



SELF POWERED

## SP425A COMPACT 2-WAY SELF POWERED LOUDSPEAKER SYSTEM

### KEY FEATURES

10" LF in vented enclosure and a 1.4" compression driver with rotatable horn, for maximum setup flexibility. For touring or permanent installations, it is biamplified with external crossover and digital amplifier.

<b>FREQUENCY RESPONSE</b>	±5 dB 65 Hz ~ 18 KHz -10 dB 45 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	96 dB
Max SPL Calculated power EIAJ [PEAK]	123 dB 126 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	4 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES [PEAK Power]	540 W 1080 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	90° (H) x 40° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	510 x 320 x 365
<b>WEIGHT</b>	21 Kg





# ARCHITECTURAL

PROFESSIONAL SYSTEMS FOR PERMANENT  
INDOOR AND OUTDOOR INSTALLATIONS



# ARCHITECTURAL

## CS5 FULL RANGE CEILING SPEAKER

### KEY FEATURES

To offer complete flexibility in all installations with the same LSS quality, we offer the CS5 ceiling speaker, with 5" speaker. This speaker can be supplied for customized systems as in the LSS tradition, also with special impedance configurations to achieve maximum audio quality also with multiple speakers installations.

<b>FREQUENCY RESPONSE</b>	±5 dB 120 Hz ~ 18 Hz -10 dB 100 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	93 dB 106 dB 112 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	52 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	20 W 80 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	100° (H) x 100° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x D)	202.5 x 67
<b>WEIGHT</b>	1.1 Kg

## ARCHITECTURAL



## CT5 FULL RANGE CEILING SPEAKER

### KEY FEATURES

Constant voltage supply version of our architectural speaker, allow LSS setups with pre-existing 100V set, or when this kind of application is required. The special LSS speaker gives a very good quality even in constant voltage systems.

<b>FREQUENCY RESPONSE</b>	±5 dB 100 Hz ~ 20 KHz -10 dB 70 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m) Max SPL Calculated power AES [PEAK]	88 dB 101 dB 107 dB
<b>NOMINAL INPUT IMPEDANCE (Ω)</b>	8 Ω
<b>POWER HANDLING</b> Watts Cont. AES [PEAK Power]	20 W 80 W
<b>TRANSFORMER TAPINGS 100V LINE, WATTS</b>	24-12-6 W
<b>NOMINAL DISPERSION (@ -6 dB)</b>	100° (H) x 100° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x D)	202.5 x 67
<b>WEIGHT</b>	1.5 Kg





# STUDIO

LINE OF LOUDSPEAKERS FOR RECORDING STUDIO  
OR HIGH-END HOME CINEMA



STUDIO

## SM1 COMPACT 2-WAY STUDIO MONITOR SYSTEM

### KEY FEATURES

SM1 is one of the LSS classics. It is the preferred choice if you want to give your personal touch to your small monitor studio sound. 6" transducer plus 1.1 neodymium magnet dome tweeter. The internal passive crossover offers the possibility to biamp the system.

<b>FREQUENCY RESPONSE</b>	±5 dB 50 Hz ~ 20 KHz -10 dB 45 Hz
<b>SENSIVITY</b> (1 Watt @ 1 m)	90 dB
Max SPL Calculated power AES	112 dB
[PEAK]	118 dB
<b>NOMINAL INPUT IMPEDANCE</b> (Ω)	8 Ω
<b>POWER HANDLING</b>	
Watts Cont. AES	150 W
[PEAK Power]	600 W
<b>NOMINAL DISPERSION</b> (@ -6 dB)	90° (H) x 90° (V)
<b>DIMENSIONS</b> mm (±1 mm) (H x W x D)	386 x 230 x 286
<b>WEIGHT</b>	8,7 Kg

STUDIO







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