



LD PRO AUDIO
SYSTEMS IN MOTION

PRODUCT
OVERVIEW
2013



WE KEEP THE
AUDIO IN MOTION.



For more than 10 years, LD Systems has stood for high-quality audio products. We offer some of the highest value-for-money in the business with a lot of hard work and the highly motivated LD Systems team.

What's more, if we have our way, that will be only the beginning. **"Pro audio in motion" is not just our slogan – it's our philosophy.**

Individual communication with our customers and partners is very important to us, because it is the only way we can continually improve ourselves and our products. **That is why we are at your disposal anytime via e-mail, on Facebook, YouTube, and our blog or by telephone.**

Your LD Systems Team



Seit nun mehr als 10 Jahren steht LD Systems für qualitativ hochwertige Audioprodukte. Eines der besten Preis-/Leistungsverhältnisse im Markt erreichen wir mit viel Fleiß und dem hochmotiviertem Team von LD Systems.

Und das soll nur der Anfang sein. **„Pro Audio in Motion“ ist nicht nur Slogan sondern unsere Philosophie.**

Die individuelle Kommunikation mit unseren Kunden und Partnern ist uns sehr wichtig, denn nur so können wir an uns arbeiten und unsere Produkte kontinuierlich verbessern. **Darum stehen wir Ihnen per email, auf Facebook, YouTube, im Blog und telefonisch jederzeit zur Verfügung.**

Ihr LD Systems Team



Durante los últimos 10 años, LD Systems se ha dado a conocer por sus productos de audio de gran calidad. Ofrecemos la mejor relación calidad-precio del mercado gracias a nuestro personal de LD Systems altamente motivado y dedicado.

Y esto es sólo el principio. **"Pro Audio in Motion" es más que un eslogan: es nuestra filosofía.**

La comunicación individualizada con nuestros clientes y distribuidores es fundamental para nosotros, ya que solo así logramos una colaboración eficaz y mejorar continuamente nuestros productos. **Por eso, en cualquier momento puede ponerse en contacto con nosotros por correo electrónico, Facebook, YouTube, nuestro blog o por teléfono.**

LD Systems



Depuis maintenant plus de 10 ans, la marque LD Systems est synonyme de produits audio de haute qualité. Nous proposons un des meilleurs rapports qualité/prix du marché grâce à notre passion et à la motivation inégalée de l'équipe LD Systems.

Et ce n'est que le début. **"Pro Audio in Motion" (l'audio pro en mouvement) n'est pas qu'un slogan : c'est notre philosophie.**

Nous accordons une grande importance à une communication individualisée avec nos clients et nos partenaires : ce n'est qu'ainsi que nous pouvons travailler et améliorer en permanence nos produits. **C'est pour cette raison que nous sommes à votre disposition à tout moment par e-mail, sur Facebook, YouTube, sur notre blog et au téléphone.**

Votre Équipe LD Systems



www.ld-systems.com
www.facebook.com/ldsystems
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HIGHLIGHTS 2013



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DETAILS & FEATURES

VA4 DUAL 4" LINE ARRAY SYSTEM

The LD Systems VA4 is a lightweight, ultra compact 2 x 4" line array speaker cabinet for configurations with an 80Hz – 19kHz frequency range. The dual 4" woofers with high efficiency neodymium magnets and Kevlar cones have a power handling capacity of 200W continuous and 400W peak. Coupled to a 1" waveguide, the neodymium high frequency compression driver features a 1.35" voice coil, protection circuit and a 75W continuous/150W peak rating. Individual element dispersion is 120° x 10° over a wide frequency range. The VA4 cabinet is made from 12mm birch ply painted in hard-wearing, water-resistant Dura-Coat LX. It is equipped with Neutrik NL-4 connectors, rigging hardware and easy angle adjustment from 0° to 7.5° in three 2.5° steps. The VA4 is designed both for flying and ground stack applications. For low frequency extension the dual 12" Bandpass subwoofer V212B and the V215B 2x15" Bass reflex subwoofer perfectly complement the VA4. Ease GLL-files and controller setups for the LD Systems DPA260 are available online for optimum array configuration and easy startup.

SPECIFICATIONS:

Model name:	LDVA4
Type:	Dual two way line array speaker
Woofers:	2 x 4" Neodymium Kevlar
Horn:	1" wave guide
Compression driver:	1" neodymium with 1,35" voice coil
Dispersion:	120° x 10°
Angle adjustment:	0° / 2,5° / 5° / 7,5°
LF power capacity (cont. / peak):	200 W / 400 W
HF power capacity (cont. / peak):	75 W / 150 W
Frequency range:	80 Hz – 19 kHz
SPL 1 W / 1 m:	90 dB
Max. SPL:	113 dB
Impedance:	16 Ohms
Connectors (In / Out):	2 x Neutrik NL-4
Protection:	Tweeter protection
Paint / Cabinet material:	Dura-Coat LX / 15 mm birch plywood
Dimensions (W x H x D):	480 x 139 x 261 mm
Weight:	9,6 kg

ACCESSORIES



LDVA4SP
Ball lock pins for LDVA4 line array.



LDVA4BF
Flying Bar for LDVA4 line array



LDVA4MK
Ground stacking mounting set for LDVA4 line array.



LDVA4FC
Flight case for 6 x LDVA4 line array



LDVASD
19" signal distributor for LDVA4 and LDVA8.



DETAILS & FEATURES

VA8 DUAL 8" LINE ARRAY SYSTEM

The LD Premium VA8 is a transparent sounding line array, consisting of 2 x 8" speaker cabinets for medium or large size configurations with a 70Hz – 19kHz frequency range. The two-way design features dual high efficiency neodymium woofers with a power handling capacity of 500W continuous and 1.000W peak. The twin neodymium high frequency compression drivers with 1.35" voice coils and protection circuit are coupled to a 1" waveguide and rated at 150W continuous/300W peak. Individual element dispersion is 100° x 10° over a wide frequency range.

The VA8 cabinet is made from 15mm birch ply painted in hard-wearing, water-resistant Dura-Coat LX. It is equipped with Neutrik NL-4 connectors, rigging hardware and easy angle adjustment from 0° to 6° in 1° steps.

For low frequency extension the dual 18" subwoofer V218B and the VAPS215B 2x15" bass reflex subwoofer perfectly complement the VA8. Ease GLL-files and controller setups for LD Systems DPA260 are available online for optimum array configuration easy startup.

SPECIFICATIONS:

Model name:	LDVA8
Type:	Dual 8" two way line array speaker
Woofers:	2 x 8" neodymium
Horn:	1" wave guide
Compression driver:	2 x 1" neodymium with 1,35" voice coil
Frequency range:	70 Hz - 19 kHz
LF power handling (cont. / peak):	500 W / 1000 W
HF power handling (cont. /peak):	150 W / 300 W
SPL 1 W / 1 m:	93 dB
Max. SPL:	120 dB
Impedance:	16 ohms
Dispersion / Angle adjustment:	100° x 10° / 0° / 1° / 2° / 3° / 4° / 5° / 6°
Connectors:	2 x Neutrik NL-4
Protection:	Tweeter protection
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	740 x 247 x 467 mm
Weight (kg):	27,5 kg



ACCESSORIES



LDVA8SP

Ball lock pins for LDVA8 line array.



LDVASD

19" signal distributor for LDVA4 and LDVA8.



LDVA8BF

Flying bar for LDVA8 line array



LDVA8FC

Flight case for 6 x LDVA8 line array



V212B

DUAL 12" BANDPASS SUBWOOFER

The LDV212B is a high-performance, compact subwoofer designed especially for use with VA4 line array elements. They can be flown or used in a ground stacking variant. The rugged band pass cabinet made of 15mm birch plywood optimises bass transmission starting at 38Hz. Two 12" custom speakers with neodymium magnets and heavy-duty 3" voice coils ensure a maximum sound level pressure of 128dB.

The LDV212B has a power rating of 700W RMS (1,400 peak) and is easy to carry thanks to the ergonomically milled handles. The features include a durable DuraCoat finish, Neutrik NL-4 sockets as in- and outputs, and an M20 threaded flange for spacer poles. Thanks to the integral flyware (BGV C1) and an optional rigging frame, the subwoofer is ideal for use with an LDVA4 line array. Of course, the subwoofer can also be used in conjunction with many other LD SYSTEMS full range speakers both in ground stacking as well as using the spacer pole solution.

SPECIFICATIONS:

Model name:	LDV212B
Type:	Passive dual 12" bandpass subwoofer
LF power handling (continuous/peak):	700 W / 1400 W
Frequency range:	38 - 200 Hz
SPL (1 W/1 m):	100 dB
Max SPL:	128 dB
Impedance:	4 ohms
Speaker input connectors:	1 x Neutrik NL-4
Speaker output connectors:	1 x Neutrik NL-4
Cabinet material:	15 mm plywood
Cabinet surface:	Dura Coat LX
Dimensions:	520 x 487 x 520 mm
Weight:	32 kg
Features:	M20 threaded flange, integral flyware for use with VA4 line array

LDV212BF

Flying Bar for LDV 212 B Subwoofer / VA4



V215B

DUAL 15" BASS-REFLEX SUBWOOFER

The V215B is a DUAL 15" 1200 W RMS / 131 dB SPL bass-reflex subwoofer. Engineered with CATAR Technology (Clear Audio Time Aligned Responds) it provides outstanding sound reproduction. Offering plenty of tight, punchy bass, the V215B matches up perfectly with the VA4 or VA8 to provide excellent full-range range with high SPL and clear sound. The uniquely-designed cabinets are all made of multiplex ply, with DuraCoat LX coating, helping them stand up to the tough daily demands of touring and live applications.

SPECIFICATIONS:

Model name:	LDV215B
Type:	Dual 15" bass-reflex subwoofer
Frequency range:	35 Hz - 200 Hz
LF power handling (continuous/peak):	1200 W / 2400 W
Max. SPL:	131 dB
Impedance:	4 ohms
LF transducer:	2 x 15" woofer with 4" voice coil
Connectors:	2 x Neutrik NL-4
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	1060 x 475 x 620 mm
Weight:	79,9 kg
Features:	Ergonomic milled handles, prepared for transport wheels
Available accessory:	37223 swivel castor 100 mm with blue wheel, 37224 swivel castor 100 mm with dual function brake

LDV215PC

Protective Cover for LDV215B Subwoofer





VAPS215

DUAL 15" 4th ORDER BANDPASS SUBWOOFER

The LDVAPS215 is an extremely powerful, versatile passive subwoofer. The compact band-pass design made of 18mm birch plywood is loaded with 2 specially developed 15" custom bass drivers with powerful ferrite magnets and 4" voice coils. The LDVAPS215 has a load rating of 1200W continuous power and ensures powerful, extremely tightly defined bass reproduction with high dynamics and impulse fidelity down to 34Hz and a maximum sound level pressure of 131dB. The cabinet is covered with a water-resistant Dura-Coat LX finish and equipped with dependable rigging hardware. Thus it serves as a perfect addition to the LDVA8 line array speakers. Neutrik Speakon sockets serve as input and output and ergonomic recessed handles facilitate transport.

SPECIFICATIONS:

Model name:	LDVAPS215
Type:	Dual 15", 4th order bandpass subwoofer
Woofer:	2 x 15" with 4" voice coil
Frequency range:	34 Hz - 150 Hz
LF power handling (continuous/peak):	1200 W / 2400 W
SPL 1 W / 1 m:	100 dB
Max. SPL:	131 dB
Impedance:	4 ohms
Connectors:	2 x Neutrik NL-4
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	740 x 506 x 705 mm
Weight (kg):	81,5 kg
Available accessory:	37223 swivel castor 100 mm with blue wheel, 37224 swivel castor 100 mm with dual function brake



V218B

DUAL 18" BASS-REFLEX SUBWOOFER

The V218B is a DUAL 18" 1.6 kW RMS / 132 dB SPL bass-reflex subwoofer. Engineered with CATAR Technology (Clear Audio Time Aligned range) it provides outstanding sound reproduction. Offering plenty of tight, punchy bass, the V218B matches up perfectly with the VA4 or VA8 to provide excellent full-range range with high SPL and clear sound. The uniquely-designed cabinets are all made of multiplex plywood, with DuraCoat LX coating, helping them stand up to the tough daily demands of touring and live applications.

SPECIFICATIONS:

Model name:	LDV218B
Type:	Dual 18" bass-reflex subwoofer
Frequency range:	38 Hz - 200 Hz
LF power handling (continuous/peak):	1600 W / 2600 W
Max. SPL:	132 dB
Impedance:	4 ohms
LF transducer:	2 x 18" woofer with 4" voice coil
Connectors:	2 x Neutrik NL-4
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	762 x 552 x 1067 mm
Weight:	86 kg
Features:	Heavy duty steel handles, transport wheels

LDV218PC

Protective Cover for LDV218B Subwoofer



DDQ10 NEW!

10" POWERED PA SPEAKER WITH DSP

The LD Systems DDQ 10 is an extremely high-performance 2-way powered speaker for compact systems, FOH and monitor applications, delay lines, and permanent installations. The groundbreaking design and comprehensive features with leading components ensure superior performance in its class.

Trouble-free operation of the DDQ 10 is ensured by a specially programmed Sharc DSP with 24 bit / 48 kHz converters that have remarkable dynamics of 127dB. It incorporates volume control, delay, EQ, crossover, phase, and all protection functions for the drivers and power amps. Heat sinks and a silent fan provide additional protection against overheating. The decisive advantage is attained by a predictive peak limiter with a look-ahead time of 1 millisecond. It guarantees absolute freedom from distortion even at maximum volume.

The DDQ 10 is loaded with a 10" Faital Pro PR300 neodymium woofer and a BMS tweeter. The asymmetrical rotatable tweeter horn offers optimal, even sound level distribution from the very first to the very last row of the audience. Its design ensures extraordinarily dynamic, linear reproduction up to 20 kHz. The two drivers are powered separately by two Class D Hypex UCD400 power stage modules with an output of 400W RMS each. They have a load-controlled, linear frequency range and extremely low total harmonic distortion with extremely low Noise and, thanks to their switching power supply, maximum efficiency. The maximum sound pressure level of the DDQ 10 is 132dB with a dispersion angle of 80° x 60°; the horizontal sound distribution is characterized by extraordinary symmetry. The input, link, and switchable subwoofer output of the DDQ 10 take the form of XLR sockets. A ground lift switch eliminates ground loop hum, and the system functions are indicated by LEDs.

The sturdy bass-reflex enclosure is made of 15mm birch plywood with a structured coating and a front grille made of steel. There is an integral 50° angle for use as a floor monitor and the tweeter horn can be turned accordingly. It has an adjustable tilt stand mount. The innovative Evolutive handles and the low weight facilitate transport. The DDQ 10 active system is made in Germany.

SPECIFICATIONS

Model name:	LDDDQ10
Type:	PA-Speaker DSP controlled
Frequency range:	59 Hz - 20 kHz
Power output (RMS):	2 x 400 W
Max. SPL (peak):	132 dB
Amplification:	2 x Class D
LF transducer:	10" neodymium woofer
HF transducer:	1" compression driver
Dispersion:	80° x 60°
Crossover frequency:	1,5 kHz
Connectors:	Input: XLR / output: XLR / Sub out: XLR
Protection:	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage
Paint / Cabinet material:	PA painting / 15 mm birch plywood
Dimensions (W x H x D):	315 x 530 x 370 mm
Weight:	15,5 kg
Features:	LD SYSTEMS evolutive handles, stand support adjustable vertically (SM707), switchable ground lift, switchable sub out, low cut



LD **EVOLUTIVE HANDLES**



SM707

Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm

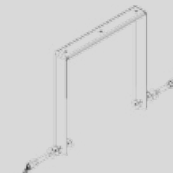
DETAILS & FEATURES



ACCESSORIES



LDDDQ10B
Protection cover



LDDDQ10SB
Swing bracket



LDDDQ10WB
Wall bracket

DDQ12 NEW!

12" POWERED PA SPEAKER WITH DSP

The LD Systems DDQ 12 is an extremely high-performance 2-way powered speaker for compact systems, FOH and monitor applications, delay lines, and permanent installations. The groundbreaking design and comprehensive features with leading components ensure superior performance in its class.

Trouble-free operation of the DDQ 12 is ensured by a specially programmed Sharc DSP with 24 bit / 48 kHz converters that have remarkable dynamics of 127dB. It incorporates volume control, delay, EQ, crossover, phase, and all protection functions for the drivers and power amps. Heat sinks and a silent fan provide additional protection against overheating. The decisive advantage is attained by a predictive peak limiter with a look-ahead time of 1 millisecond. It guarantees absolute freedom from distortion even at maximum volume.

The DDQ 12 is loaded with a 12" Faital Pro PR300 neodymium woofer and a BMS tweeter. The asymmetrical rotatable tweeter horn offers optimal, even sound level distribution from the very first to the very last row of the audience. Its design ensures extraordinarily dynamic, linear reproduction up to 20 kHz. The two drivers are powered separately by two Class D Hypex UCD400 power stage modules with an output of 400W RMS each. They have a load-controlled, linear frequency range and extremely low total harmonic distortion with extremely low Noise and, thanks to their switching power supply, maximum efficiency. The maximum sound pressure level of the DDQ 12 is 134 dB with a dispersion angle of 80° x 50°; the horizontal sound distribution is characterized by extraordinary symmetry. The input, link, and switchable subwoofer output of the DDQ 12 take the form of XLR sockets. A ground lift switch eliminates ground loop hum, and the system functions are indicated by LEDs.

The sturdy bass-reflex enclosure is made of 15mm birch plywood with a structured coating and a front grille made of steel. There is an integral 50° angle for use as a floor monitor and the tweeter horn can be turned accordingly. It has an adjustable tilt stand mount. The innovative Evolutive handles and the low weight facilitate transport. The DDQ 12 active system is made in Germany.

SPECIFICATIONS

Model name:	LDDDQ12
Type:	PA-Speaker DSP controlled
Frequency range:	54 Hz - 20 kHz
Power output (RMS):	2 x 400 W
Max. SPL (peak):	134 dB
Amplification:	2 x Class D
LF transducer:	12" neodymium woofer
HF transducer:	1" compression driver
Dispersion:	80° x 50°
Crossover frequency:	1,5 kHz
Connectors:	Input: XLR / output: XLR / Sub out: XLR
Protection:	DSP based "look ahead" limiter, RMS speaker limiter, RMS power supply limiter, over-current, over-voltage
Paint / Cabinet material:	PA painting / 15 mm birch plywood
Dimensions (W x H x D):	360 x 600 x 378 mm
Weight:	17 kg
Features:	LD SYSTEMS evolutive handles, stand support adjustable vertically (SM707), switchable ground lift, switchable sub out, low cut



LD **EVOLUTIVE HANDLES**



SM707

Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm

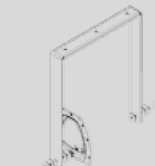
DETAILS & FEATURES



ACCESSORIES



LDDDQ12B
Protection cover



LDDDQ12SB
Swing bracket



LDDDQ12WB
Wall bracket



ice power



DETAILS & FEATURES



V8/A

PASSIVE / POWERED FULL RANGE SPEAKER

The LDV8 is a 2-way speaker with professional features for a wide range of applications.

The ultra-compact bass-reflex design is loaded with a specially developed 8" woofer and a 1" tweeter with a protection circuit. They are driven by lightweight, high-performance neodymium magnets and ensure powerful reproduction with balanced frequency range and high dynamics in a dispersion angle of 70° x 55°. The CD horn rotates for vertical and horizontal operation.

The passive version of the LDV8 has a rated load of 250W continuous power. The maximum sound pressure level is 119dB. The powered version is driven by an extremely efficient Bang & Olufsen ICEpower power amplifier module and offers a maximum sound pressure level of 119dB at 250W continuous power.

The rugged birch plywood enclosure, which is covered by a water-resistant Dura-Coat LX finish, has a 50° angle for use as a floor monitor. The input and output connectors are Neutrik Speakon sockets. An aluminium pole mount, threaded inserts for flyware and mounting brackets, rubber feet, and a rugged front grille round out the features. Ergonomic milled handles simplify transport. There is an extensive range of accessories available for the LDV8.

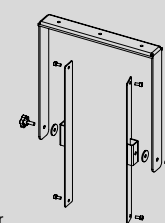
SPECIFICATIONS:

Model name:	LDV8	LDV8A
Type:	Two way passive full range speaker	Two way powered full range speaker
Frequency range:	70 Hz - 19 kHz	70 Hz - 19 kHz
Rated system power (continuous/peak):	250 W / 500 W	-
Power output (RMS):	-	250 W RMS
Amplification:	-	ICEpower 125 ASX2
Sensitivity (1 W/1 m):	95 dB	-
Impedance:	8 ohms	-
LF transducer:	8" neodymium woofer with 2,5" voice coil	8" neodymium woofer with 2,5" voice coil
HF transducer:	1" neodymium driver with 1,35" voice coil	1" neodymium driver with 1,35" voice coil
Dispersion:	70° x 55°	70° x 55°
Crossover frequency:	1,6 kHz	1,6 kHz
Connectors:	2 x Neutrik NL-4	Input: XLR / 6,3 mm jack (combo) / output: XLR
Protection:	Tweeter protection	Tweeter protection, limiter
Paint / Cabinet material:	Dura-Coat LX / 15 mm birch plywood	Dura-Coat LX / 15 mm birch plywood
Dimensions (W x H x D):	286 x 460 x 266 mm	286 x 460 x 266 mm
Weight:	12 kg	13 kg
Features:	Ergonomic milled handles, alu stand support (36 mm), M8 rigging points	Ergonomic milled handles, alu stand support (36 mm), M8 rigging points, limiter

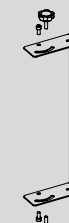
ACCESSORIES



LDV8PC
Protection cover



LDV8SB
Swing bracket



LDV8WB
Wall bracket



DETAILS & FEATURES

ice power

SM707

Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm



V10/A

PASSIVE / POWERED FULL RANGE SPEAKER

The LDV10 is a thoroughly professional speaker for a comprehensive range of applications on stage and in permanent installations.

The especially compact 2-way bass-reflex design is loaded with a specially developed 10" woofer and a 1" tweeter with a protection circuit. These are driven by lightweight, high-performance neodymium magnets. They ensure powerful, precise reproduction with balanced frequency range and high dynamics in a dispersion angle of 70° x 55°. The CD horn rotates for vertical and horizontal operation.

The passive version has a rated load of 350W continuous power and produces a maximum sound level pressure of 122dB. The powered version is driven by an extremely efficient Bang & Olufsen ICEpower power amplifier module and offers a maximum sound pressure level of 121dB at 250W continuous power.

The rugged birch plywood enclosure, which is covered by a water-resistant Dura-Coat LX finish, has a 50° angle for use as a floor monitor. The input and output connectors are Neutrik Speakon sockets. The pole mount is vertically adjustable for optimal orientation. Threaded inserts for flyware and mounting brackets, rubber feet, and a rugged front grille round out the features. Ergonomic milled carrying handles ensure convenient transport. There is an extensive range of accessories available for the LDV10.

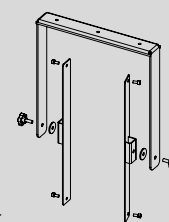
SPECIFICATIONS:

Model name:	LDV10	LDV10A
Type:	Two way passive full range speaker	Two way powered full range speaker
Frequency range:	65 Hz - 19 kHz	65 Hz - 19 kHz
Rated system power (continuous/peak):	350 W / 700 W	-
Power output (RMS):	-	250 W RMS
Amplification:	-	ICEpower 125ASX2
Sensitivity (1 W/1 m)	97 dB	-
Impedance:	8 ohms	-
LF transducer:	10" neodymium woofer with 3" voice coil	10" neodymium woofer with 3" voice coil
HF transducer:	1" neodymium driver with 1,35" voice coil	1" neodymium driver with 1,35" voice coil
Dispersion:	70° x 55°	70° x 55°
Crossover frequency:	1,6 kHz	1,6 kHz
Connectors:	2 x Neutrik NL-4	Input: XLR / 6,3 mm jack (combo) / output: XLR
Protection:	Tweeter protection	Tweeter protection, limiter
Paint / Cabinet material:	Dura-Coat LX / 15 mm birch plywood	Dura-Coat LX / 15 mm birch plywood
Dimensions (W x H x D):	340 x 535 x 322 mm	340 x 535 x 322 mm
Weight:	16,3 kg	17,3 kg
Features:	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points, limiter

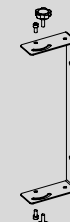
ACCESSORIES



LDV10PC
Protection cover



LDV10SB
Swing bracket



LDV10WB
Wall bracket



ice power

SM707

Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm

DETAILS & FEATURES

V12/A

PASSIVE / POWERED FULL RANGE SPEAKER

The LDV12 is a professional speaker with high-quality components and an advanced design for a comprehensive range of applications on stage, in the rental sector, and in permanent installations.

The rugged 2-way bass-reflex design is loaded with a specially developed 12" woofer and a 1" BMS tweeter with a protection circuit. These are driven by lightweight, high-performance neodymium magnets and ensure powerful, crystal-clear reproduction with a frequency range with plenty of low end and maximum dynamics in a dispersion angle of 70° x 55°. The CD horn rotates for vertical and horizontal operation.

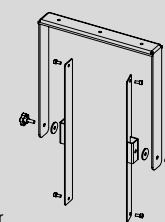
The passive version has a rated load of 500W continuous power and produces a maximum sound level pressure of 126dB. The powered version is driven by an extremely efficient Bang & Olufsen ICEpower amplifier module and offers a maximum sound pressure level of 126dB at 500W continuous power.

The rugged birch plywood enclosure, which is covered by a water-resistant Dura-Coat LX finish, has a 50° angle for use as a floor monitor. The input and output connectors are Neutrik Speakon sockets. The pole mount is vertically adjustable for optimal orientation. M8 threaded inserts, rubber feet, and a sturdy front grille round out the features. Ergonomic milled carrying handles ensure convenient transport. There is an extensive range of accessories available for the LDV12.

SPECIFICATIONS:

Model name:	LDV12	LDV12A
Type:	Two way passive full range speaker	Two way powered full range speaker
Frequency range:	55 Hz - 19 kHz	55 Hz - 19 kHz
Rated system power (continuous/peak):	500 W / 1000 W	-
Power output (RMS):	-	500 W RMS
Amplification:	-	ICEpower 250ASX2
Sensitivity (1 W/1 m) :	99 dB	-
Impedance:	8 ohms	-
LF transducer:	12" neodymium woofer with 3" voice coil	12" neodymium woofer with 3" voice coil
HF transducer:	1" neodymium driver with 1.5" voice coil	1" neodymium driver with 1.5" voice coil
Dispersion:	70° x 55°	70° x 55°
Crossover frequency:	1,6 kHz	1,6 kHz
Connectors:	2 x Neutrik NL-4	Input: XLR / 6,3 mm jack (combo) / output: XLR
Protection:	Tweeter protection	Tweeter protection, limiter
Paint / Cabinet material:	Dura-Coat LX / 15 mm birch plywood	Dura-Coat LX / 15 mm birch plywood
Dimensions (W x H x D):	390 x 620 x 368 mm	390 x 620 x 368 mm
Weight:	18.9 kg	19.7 kg
Features:	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points, limiter

ACCESSORIES


LDV12PC
Protection cover

LDV12SB
Swing bracket



DETAILS & FEATURES

ice power

SM707
Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm


V15/A

PASSIVE / POWERED FULL RANGE SPEAKER

The LDV15 is a dependable, professional speaker with first-rate components and an advanced design for exacting demands and all applications on stage, in the rental sector, and in permanent installations.

The sturdy 2-way bass-reflex design is loaded with a specially developed 15" woofer and a 1.4" custom tweeter equipped with a protection circuit. They are driven by lightweight, high-performance neodymium magnets and ensure crystal-clear, powerful reproduction down to 50Hz with maximum dynamics in a dispersion angle of 70° x 55°. The CD horn rotates for vertical and horizontal operation.

The passive version has a rated load of 650W continuous power and produces a maximum sound level pressure of 128dB. The powered version is driven by an extremely efficient Bang & Olufsen ICEpower amplifier module and offers a maximum sound pressure level of 127dB at 500W continuous power.

The rugged birch plywood enclosure, which is covered by a water-resistant Dura-Coat LX finish, has a 50° angle for use as a floor monitor. The input and output connectors are Neutrik Speakon sockets. The pole mount is vertically adjustable for optimal orientation. M8 threaded inserts, rubber feet, and a sturdy front grille round out the features. Ergonomic milled carrying handles ensure convenient transport. There is an extensive range of accessories available for the LDV15.

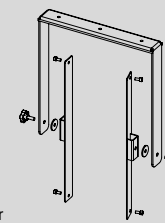
SPECIFICATIONS:

Model name:	LDV15	LDV15A
Type:	Two way passive full range speaker	Two way powered full range speaker
Frequency range:	50 Hz - 19 kHz	50 Hz - 19 kHz
Rated system power (continuous/peak):	650 W / 1300 W	-
Power output (RMS):	-	500 W RMS
Amplification:	-	ICEpower 250ASX2
Sensitivity (1 W/1 m):	100 dB	-
Impedance:	8 ohms	-
LF transducer:	15" neodymium woofer with 4" voice coil	15" neodymium woofer with 4" voice coil
HF transducer:	1,4" BMS4554 driver with 1,75" voice coil	1,4" BMS4554 driver with 1,75" voice coil
Dispersion:	70° x 55°	70° x 55°
Crossover frequency:	1,6 kHz	1,6 kHz
Connectors:	2 x Neutrik NL-4	Input: XLR / 6,3 mm jack (combo) / output: XLR
Protection:	Tweeter protection	Tweeter protection, limiter
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	450 x 716 x 448 mm	450 x 716 x 448 mm
Weight:	27.5 kg	29.2 kg
Features:	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points, limiter	Ergonomic milled handles, stand support adjustable vertically (SM707), M8 rigging points, limiter

ACCESSORIES



LDV12PC
Protection cover



LDV12SB
Swing bracket



V115B/A

15" PASSIVE / POWERED SUBWOOFER

The LDV115B is a powerful, versatile subwoofer. The especially compact bass-reflex design made of 15mm birch plywood is loaded with a specially developed 15" custom bass driver with a 4" voice coil. The passive version has a load rating of 600W continuous power and ensures tightly defined, dynamic bass reproduction down to 38Hz and a maximum sound level pressure of 126dB.

The powered version features a built-in Hypex Class D power stage with 700W continuous power and all protection circuits for reliable operation. The extensive connector panel has XLR/jack combos for signal input and XLR sockets as direct and 100Hz satellite outputs. The LDV115BA has a volume control, phase reverse switch, and adjustable low-pass filter for optimal system integration. LEDs indicate functional status and triggering of the limiter and protection circuit.

The cabinet is covered with a water-resistant Dura-Coat LX finish and is prepared for mounting of casters. It has a recessed M20 threaded flange for speaker poles. Neutrik Speakon sockets serve as inputs and outputs and ergonomic recessed handles facilitate transport.

SPECIFICATIONS:

Model name:	LDV115B	LDV115BA
Type:	Passive 15" bass-reflex subwoofer	Powered 15" bass-reflex subwoofer
Frequency range:	38 Hz - 200 Hz	38 Hz - 200 Hz
LF power handling (continuous/peak):	600 W / 1200 W	700 W / 1400 W
Max. SPL:	126 dB	-
Sensitivity (1 W / 1 m):	98 dB	-
Impedance:	8 ohms	-
LF transducer:	15" woofer with 4" voice coil	15" woofer with 4" voice coil
Connectors:	2 x Neutrik NL-4	Line In: 2 x XLR / 6.3 mm jack Line Out: 2 x XLR, 2 x XLR (100 Hz High Pass, -18 dB/oct.)
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	466 x 530 x 620 mm	466 x 530 x 620 mm
Weight:	41,5 kg	49 kg
Features:	Ergonomic milled handles, threaded flange (M20), prepared for transport wheels	Ergonomic milled handles, threaded flange (M20), prepared for transport wheels
Available accessory:	37223 swivel castor 100 mm with blue wheel, 37224 swivel castor 100 mm with dual function brake, LDV115PC protection cover	37223 swivel castor 100 mm with blue wheel, 37224 swivel castor 100 mm with dual function brake, LDV115PC protection cover



V118B

18" PASSIVE SUBWOOFER

The LDV118B is an extremely powerful, versatile passive subwoofer. The especially compact bandpass design made of 18mm birch plywood is loaded with a specially developed 18" custom bass driver with a powerful ferrite magnet and a 4" voice coil. The LDV118B has a rated load of 800W continuous power. It delivers massive, precisely defined bass reproduction with high impulse fidelity down to 36Hz and attains a maximum sound level pressure of 127dB.

The cabinet is covered with a water-resistant Dura-Coat LX finish and is prepared for mounting of casters. It has a recessed M20 threaded flange for speaker poles. Neutrik Speakon sockets serve as inputs and outputs and sturdy steel handles facilitate transport.

SPECIFICATIONS:

Model name:	LDV118B
Type:	18" bandpass subwoofer
Frequency range:	36 Hz - 120 Hz
LF power handling (continuous/peak):	800 W / 1600 W
Max. SPL:	127 dB
Impedance:	8 ohms
LF transducer:	18" woofer with 4" voice coil
Connectors:	2 x Neutrik NL-4
Paint / Cabinet material:	Dura-Coat LX / 18 mm birch plywood
Dimensions (W x H x D):	762 x 552 x 780 mm
Weight:	66 kg
Features:	Heavy duty steel handles, threaded flange (M20)
Available accessory:	37223 swivel castor 100 mm with blue wheel, 37224 swivel castor 100 mm with dual function brake, LDV118PC protection cover



BMS **ice** power



DETAILS & FEATURES



STINGER8G² **NEW!**

8" PASSIVE / POWERED **PA SPEAKER**

The Stinger 8 G2 is a compact bass reflex 2-way speaker for a wide range of applications.

The passive version is loaded with an 8" woofer and a 1" BMS-HF compression driver, which ensure balanced frequency range and a maximum sound pressure level of 118dB. The Stinger 8 G2 has a continuous power rating of 200W. Connections are made using Speakon-compatible connectors.

The powered version is driven by a B&O ICEpower 50ASX2 Class D power amp with a continuous power rating of 170W. The loadout consists of an 8" woofer with a 1" BMS HF driver. They ensure balanced frequency range and a maximum sound pressure level of 116dB (129dB peak). There is a 2-band EQ for shaping the sound. The connectors are XLR/jack combo connectors and an XLR output.

This lightweight in a multiplex housing is easy to transport thanks to the ergonomically milled handle. The speaker is equipped with threaded inserts for flying and wall mounting. Mounting brackets and a protection bag are available as accessories.

SPECIFICATIONS

Model name:	LDEB82G2	LDEB82AG2
Type:	Bass reflex	Bass reflex
Frequency range:	70 Hz - 19 kHz	70 Hz - 19 kHz
Rated system power (continuous / peak):	200 W / 400 W	-
Power output (RMS / peak):	-	170 W / 340 W / 4 Ω
Amplification:	-	Class D / ICEpower 50ASX2
Sensitivity (1W/ 1m):	95 dB	-
Max. SPL:	118 dB	116 dB
Impedance:	8 Ω	-
LF transducer:	8"	8"
HF transducer:	1" BMS	1" BMS
Dispersion:	100° x 55°	100° x 55°
Connectors:	2 x Speakon compatible	Input: XLR / 6.3 mm TRS combo, output: XLR
Dimensions (W x H x D):	270 mm x 450 mm x 290 mm	270 mm x 450 mm x 290 mm
Weight:	10 kg	11 kg

ACCESSORIES



LDEB82G2B
Protection cover



LDEB82G2WB
Wall mounting brackets for LDEB82(A)G2. Steel. Black.



BMS **ice** power



DETAILS & FEATURES



STINGER10G² **NEW!**

10" PASSIVE / POWERED PA SPEAKER

The Stinger 10 G2 is an especially compact and versatile bass reflex full-range speaker for portable use and installation.

The passive 2-way system has a continuous power rating of 250W. The broad frequency range is provided by a 10" woofer and a 1" BMS HF driver that attain a maximum sound level pressure of 120dB. The Stinger 10 G2 is connected via Speakon-compatible connectors.

The powered version features a built-in B&O ICEpower 50ASX2 Class D power amp with a continuous power rating of 170W / 4 ohms. It is loaded with a 10" woofer and a 1" BMS HF compression driver which ensure broad frequency range and attain a maximum sound level pressure of 117dB (130dB peak). There is a 2-band EQ for shaping the sound. The inputs are XLR/jack combo connectors; the output is an XLR connector.

An ergonomically milled, recessed carrying handle in the cabinet makes it easier to transport. The bass reflex cabinet is made of sturdy multiplex. It has threaded inserts for flying and wall mounting. Mounting brackets and a protection cover are available as accessories.

SPECIFICATIONS

Model name:	LDEB102G2	LDEB102AG2
Type:	Bass reflex	Bass reflex
Frequency range:	65 Hz - 19 kHz	65 Hz - 19 kHz
Rated system power (continuous / peak):	250 W / 500 W	-
Power output (RMS / peak):	-	170 W / 340 W / 4 Ω
Amplification:	-	Class D / ICEpower 50ASX2
Sensitivity (1W/ 1m):	96 dB	-
Max. SPL:	120 dB	117 dB
Impedance:	8 Ω	-
LF transducer:	10"	10"
HF transducer:	1" BMS	1" BMS
Dispersion:	100° x 55°	100° x 55°
Connectors:	2 x Speakon compatible	Input: XLR / 6.3 mm TRS combo, output: XLR
Dimensions (W x H x D):	320 mm x 500 mm x 290 mm	320mm x 500 mm x 290 mm
Weight:	11,5 kg	12,7 kg

ACCESSORIES



LDEB102G2B
Protection cover



LDEB102G2WB
Wall mounting brackets for LDEB102(A)G2. Steel. Black.



hypex electronics

BMS



LD EVOLUTIVE HANDLES



SM707
Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm

DETAILS & FEATURES



STINGER12G² **NEW!**

12" PASSIVE / POWERED PA SPEAKER

The Stinger 12 G2 is a bass reflex full-range speaker that is suitable for use in portable PA systems, as a monitor, and in permanent installations.

The passive version has a continuous power rating of 350W and is loaded with a 12" woofer and a 1" BMS HF compression driver which ensure broad, balanced frequency range and attain a maximum sound level pressure of 125dB. The Stinger 12 G2 is connected using Speakon-compatible connectors.

The powered version is loaded with a 12" woofer and a 1" BMS HF driver that attain a high maximum sound pressure level of 118dB (132dB peak). It is powered by the built-in Hypex Uc400 Class D power amp with a continuous power rating of 400W / 4 ohms. An integral 2-band EQ is provided for tone control. The inputs are XLR/jack combo connectors. The output is an XLR connector. A Speakon-compatible power amp output permits parallel operation of passive Stinger speakers and subwoofers.

The hardware includes six mounting holes for flyware, a stand support that is vertically adjustable by ±14° max. in three increments for optimum orientation, and LD "Evolutive" handles. These innovative carrying handles offer a secure grip from all sides for easier transport. Mounting brackets and a protection cover are available as accessories.

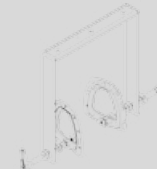
SPECIFICATIONS

Model name:	LDEB122G2	LDEB122AG2
Type:	Bass reflex	Bass reflex
Frequency range:	58 Hz - 19 kHz	58 Hz - 19 kHz
Rated system power (continuous / peak):	350 W / 700 W	-
Power output (RMS / peak):	-	400 W / 800 W / 4 Ω
Amplification:	-	Class D, Hypex UcD400
Sensitivity (1W/ 1m):	99 dB	-
Max. SPL:	125 dB	118 dB
Impedance:	8 Ω	-
LF transducer:	12"	12"
HF transducer:	1" BMS	1" BMS
Dispersion:	100° x 55°	100° x 55°
Connectors:	2 x Speakon compatible	Input: XLR / 6.3 mm TRS combo, output: XLR / Powered output: Speakon compatible
Dimensions (W x H x D):	390 mm x 570 mm x 370 mm	390 mm x 570 mm x 370 mm
Weight:	19 kg	21 kg

ACCESSORIES



LDEB122G2B
Protection cover



LDEB122G2SB
Swing bracket



hypex electronics

BMS



LD EVOLUTIVE HANDLES



SM707

Patented Top Hat
Angle adjustable up to
+/- 14° in 4,5° steps
Internal Ø 36mm

DETAILS & FEATURES



STINGER15G² **NEW!**

15" PASSIVE / POWERED PA SPEAKER

The Stinger 15 G2 is a bass reflex full-range speaker for extreme requirements and all applications, whether portable, as a monitor, or in a fixed installation.

The passive version is loaded with a 15" woofer and a 1" BMS HF compression driver, that ensure broad frequency range and optimal sound. The Stinger 15 G2 has a staggering continuous power rating of 500W and attains a very high maximum sound level pressure of 127dB. The signal is input via Speakon-compatible connectors.

The powered version features a built-in Hypex Ucd400 Class D power amp delivering 400W / 4 ohms continuous power to a 15" woofer and a 1" BMS HF compression driver, which ensure an outstanding sound and an extremely high maximum sound level pressure of 120dB (134dB peak). It is connected using XLR/jack combo connectors and an XLR output. Passive Stinger speakers or subwoofers can be driven in parallel via a Speakon-compatible power amp output. An onboard 2-band EQ is provided for perfect tone control.

The hardware features include a vertically adjustable stand support ($\pm 14^\circ$ in three increments) for optimal orientation, six mounting holes for flyware, and the LD "Evolutive" handles. These innovative carrying handles offer a secure and comfortable grip from all sides for easy transport. A protection cover is available as an accessory.

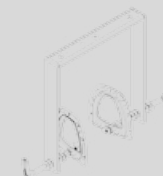
SPECIFICATIONS

Model name:	LDEB152G2	LDEB152AG2
Type:	Bass Reflex	Bass Reflex
Frequency range:	50 Hz - 19 kHz	50 Hz - 19 kHz
Rated system power (continuous / peak):	500 W / 1000 W	-
Power output (RMS / peak):	-	400 W / 800 W / 4 Ω
Amplification:	-	Class D, Hypex UcD400
Sensitivity (1W/ 1m):	100 dB	-
Max. SPL:	127 dB	120 dB
Impedance:	8 Ω	-
LF transducer:	15"	15"
HF transducer:	1" BMS	1" BMS
Dispersion:	100° x 55°	100° x 55°
Connectors:	2 x Speakon compatible	Input: XLR / 6.3 mm TRS combo, output: XLR / Powered output: Speakon compatible
Dimensions (W x H x D):	480 mm x 650 mm x 460 mm	480 mm x 650 mm x 460 mm
Weight:	25.5 kg	28.5 kg

ACCESSORIES



LDEB152G2B
Protection cover



LDEB152G2SB
Swing bracket



DETAILS & FEATURES



STINGER15HP

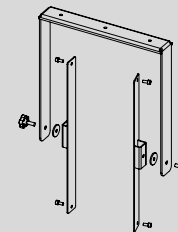
15" PA SPEAKER

The Stinger HP 15" is the High-Performance version of the successful Stinger 15" PA Speaker. This speaker features a 15" FaitalPRO 15FX560 woofer and a 2" FaitalPRO HF200 high-frequency compression driver. It provides a whopping power of 800 W RMS and a very high sound pressure level of 130 dB (max). It was designed for demanding live applications requiring very high power and sound pressure levels as well as a long-range sound distribution. EASE GLL data available.

SPECIFICATIONS

Model name:	LDEB15HP
Type:	Bass reflex
Frequency range:	50 Hz - 19 kHz
Rated system power (cont./ peak):	800 W / 1600 W
Crossover frequency:	1000 Hz
Max. SPL:	130 dB
Sensitivity (1W/ 1m):	101 dB
Impedance:	8 Ω
LF transducer:	Faital Pro 15FX560
HF transducer:	Faital Pro HF200 - 2" compression driver
Dispersion:	60° x 40°
Connectors:	2 x Neutrik NL4 / bi-amping switchable
Protection:	Tweeter protection
Dimensions (W x H x D):	445 x 720 x 425 mm
Weight:	30.5 kg
Features:	switchable to bi-amp mode

ACCESSORIES



LDEB15SB

Mounting brackets suitable for professional installations.



AVAILABLE APRIL 2013!

STINGER **MONG²** SERIES **NEW!** POWERED **STAGE MONITORS**

Combining powerful performance, reliability and clear, natural sound in an elegant compact design the next generation of Stinger active monitors has been engineered in Germany for universal use in all monitoring applications.

The Stinger G2 active monitors are available in 8", 10" and 12" formats with a wide frequency range up to 20kHz and uniform 75° x 75° dispersion from a high precision point source coaxial loudspeaker incorporating a 1" HF driver. Featuring a limiter to maintain consistent operation and prevent speaker damage the integrated power amplifiers provide from 80W to 250W RMS output with maximum SPLs ranging from 116dB (8" version) to 124dB (12" version).

The rear panel is equipped with XLR/6.3mm combo and XLR connectors for signal input and loop-through, a smooth volume control and LED status indicators.

The rugged bass reflex enclosures of the Stinger active monitors feature a hard-wearing, water-resistant paint finish, ergonomically milled handles for easy transport, and a metal grille to protect the point source coaxial driver.

SPECIFICATIONS

Model name:	LDMON81AG2	LDMON101AG2	LDMON121AG2
Type:	Bass reflex	Bass reflex	Bass reflex
Frequency range:	90 Hz - 20 kHz	90 Hz - 20 kHz	80 Hz - 20 kHz
Power output (RMS / peak):	80 W / 160 W	150 W / 300 W	250 W / 500 W
Sensitivity (1W/ 1m):	97 dB	99 dB	100 dB
Max. SPL:	116 dB	121 dB	124 dB
LF / HF transducer:	8" / 1" coaxial	10" / 1" coaxial	12" / 1" coaxial
Dispersion:	75° x 75°	75° x 75°	75° x 75°
Connectors:	Input: XLR/ 6,3mm jack (combo), output: XLR	Input: XLR/ 6,3mm jack (combo), output: XLR	Input: XLR/ 6,3mm jack (combo), output: XLR
Dimensions (W x H x D):	320 mm x 250 mm x 361 mm	380 mm x 335 mm x 398 mm	440 mm x 360 mm x 460 mm
Weight:	10.6 kg	15.3 kg	17.8 kg



LD **EVOLUTIVE HANDLES**



NEW!

STINGER SUB12AG²

12" POWERED **PA SUBWOOFER**

The Stinger Sub 12A G2 is a powered subwoofer for universal use with speakers made by LD Systems and other manufacturers.

The compact bass-reflex cabinet made of sturdy multiplex houses a Class A/B power amp with a full 250W (RMS) of output that drives a 12" high-performance subwoofer with a 3" voice coil. It provides for deep bass range down to 38Hz with outstanding dynamics and impulse fidelity and a maximum sound pressure level of 120dB (128dB peak).

For precise system integration, the Stinger Sub 12A G2 is equipped with volume and low-pass (80 to 200Hz) controls as well phase reverse. It has an XLR/jack combo input connector and an XLR direct output for parallel operation of active subwoofers. Of course, it also incorporates extensive protective circuitry for safe continuous operation.

Additional features include an M20 stand mount and the innovative LD "Evolutive Handles". These ergonomic carrying handles permit a secure grip from all sides and convenient transport. A transport bag (LDESUB12AG2B) and a dolly (38112G3) are available as accessories.

SPECIFICATIONS

Model name:	LDESUB12AG2
Type:	Bass reflex
Frequency range:	38 Hz - 200 Hz
Power output (cont. / peak):	250 W / 500 W
Max. SPL:	120 dB
LF transducer:	12"
Connectors:	Input: XLR / 6.3 mm TRS combo
output:	1 x Direct Out XLR
Controls:	Sub level, sub phase, sub freq (adjustable low pass) 80 - 200 Hz
Indicators:	Power, signal, limit
Cabinet material:	Texture paint / 15 mm plywood
Dimensions (W x H x D):	390 mm x 500 mm x 540 mm
Weight:	25,5 kg



LD **EVOLUTIVE**
HANDLES

NEW!

STINGER SUB15G²

15" PA SUBWOOFER

The Stinger Sub 15 G2 is a universally useable passive subwoofer. The compact bass-reflex design is made of sturdy multiplex and loaded with a 15" high-performance subwoofer with a rating of 500W (continuous power). It delivers a taut bass foundation down to 38Hz with high impulse fidelity.

The maximum sound level pressure is 126 dB.

The features include a switchable low-pass filter (120Hz, -12dB/oct). This can be deactivated to permit operation with external crossovers. The connectors are Speakon-compatible.

One special feature are the innovative LD „Evolutive Handles“ with ergonomically shaped metal rings that permit a secure grip from all sides. A recessed M20 threaded flange accommodates stand poles. A transport bag (LDESUB15G2B) and a dolly (38115G3) are available optionally.

SPECIFICATIONS

Model name:	LDESUB15G2
Type:	Bass reflex
Frequency range:	38 Hz - 200 Hz
Rated system power (cont. / peak):	500 W / 1000 W
Sensitivity (1W/ 1m):	99 dB
Max. SPL:	126 dB
LF transducer:	15"
Connectors:	2 x Speakon compatible
Controls:	adjustable low pass (120Hz / -12dB/oct.)
Surface/ Cabinet material:	Texture paint / 15 mm plywood
Dimensions (W x H x D):	480 x 570 x 630 mm
Weight:	32,5 kg

NEW!

STINGER SUB15AG²

15" POWERED PA SUBWOOFER

The Stinger Sub 15A G2 powered subwoofer is suitable for universal use with speakers made by LD Systems and other manufacturers.

The integral Class D power amplifier with a full 700W of continuous power, teamed with a 15" high-performance subwoofer, provides dynamic, high-impulse-fidelity bass range down to 35Hz and an enormous maximum sound pressure level of 124dB (133dB peak). The compact bass reflex cabinet is made of sturdy multiplex.

The comprehensive features include volume and low pass controls (80 to 200 Hz) as well as phase reverse for precise system integration. It comes with XLR/jack combo and XLR connectors. Passive subwoofers, for example, the Stinger Sub 15 G2, can be driven in parallel via a Speakon-compatible power amp output. Two filtered satellite outputs with a 100Hz cut make it possible to loop through the signal to powered full-range speakers. Of course, the Stinger Sub 15A G2 has extensive protective circuitry for safe continuous operation.

Additional features include an M20 stand mount and the innovative LD „Evolutive Handles“. These ergonomic carrying handles permit a secure grip from all sides, thus simplifying transport. A transport bag (LDESUB15AG2B) and a dolly (38115G3) are available as accessories.



LD **EVOLUTIVE**
HANDLES



Powered output for
8 Ohms passive
subwoofer

SPECIFICATIONS

Model name:	LDESUB15AG2
Type:	Bass Reflex
Frequency range:	35 Hz - 200 Hz
Power output (cont. / peak):	700 W / 1400 W
Max. SPL:	124 dB
LF transducer:	15"
Connectors:	Input: XLR / 6.3 mm TRS combo output: XLR, Speakon compatible
Controls:	Sub level, sub phase, sub freq (adjustable low pass)
Indicators:	Power, protect, signal, limit
Cabinet material:	Texture paint / 15 mm plywood
Dimensions (W x H x D):	480 mm x 570 mm x 630 mm
Weight:	41 kg



PLAY12A & PLAY15A

POWERED PA SPEAKERS WITH MP3 PLAYER

The active loudspeakers LDPLAY12A and LDPLAY15A with integrated USB/SD-Card-Player and illuminated display offer comprehensive connectivity and adjustment possibilities for many users like school, kindergarten, church, sports field, multimedia presentation, party room and so on. As a result, it is a very versatile sound system with an amazing small price. The USB/SD-Card-Player can be operated directly or by using the supplied infrared remote control from the front or the rear. Simply plug in your USB-stick or SD-card and here we go!

Connectivity for external sound sources like microphone, CD-player, mixing board is also integrated like a 5-band equalizer that offers a various kind of sound settings. Ergonomic handles and a standard stand support round off the great features.

SPECIFICATIONS

Model name:	LDPLAY12A	LDPLAY15A
Type:	Bass reflex	Bass reflex
Components:	12" woofer, 1,35" compression driver	15" woofer, 1,75" compression driver
Frequency range:	60 – 18.000 Hz	55 – 18.000 Hz
Power output (cont. / peak):	180 W / 400 W	220 W / 450 W
Max. SPL:	119 dB	121 dB
Controls:	mp3 level, mic level, line level, master volume, treble, bass, 5-band master EQ	mp3 level, mic level, line level, master volume, treble, bass, 5-band master EQ
Indicators:	Clip, power	Clip, power
Dispersion:	90° x 45°	90° x 45°
Connectors:	Input: mic (XLR, 6,3 mm Jack), line (XLR, 2 x RCA) Output: line (XLR, 6,3 mm Jack)	Input: mic (XLR, 6,3 mm Jack), line (XLR, 2 x RCA) Output: line (XLR, 6,3 mm Jack)
USB/SD-card-player controls:	Power, setup, play/pause, mode, vol. up, vol. down, previous track, next track	Power, setup, play/pause, mode, vol. up, vol. down, previous track, next track
USB/SD-card-player connectors:	USB, SD-card, infrared	USB, SD-card, infrared
Cabinet material:	PP	PP
Dimensions (W x H x D):	425 x 640 x 365 mm	495 x 760 x 430 mm
Weight:	15,7 Kg	19,9 Kg



LDPR10A

LDPR12A

LDPR15A



ice power

DETAILS & FEATURES



REVOLVER SERIES POWERED PA SPEAKERS

The revolver series signals the start of a new generation of polypropylene (PP) speakers. More power, more volume and a high sound pressure level with an improved bass range – all these characteristics make the Revolver series a universal PA solution. The revolver series can be implemented in a wide range of applications, as a PA, in installations or as monitor speakers.

They feature a B&O ICE power Class D module which guarantees high reliability and minimum weight. Additionally, the revolver series offers all of the common protective circuits.

SPECIFICATIONS

Model name:	LDPR10A	LDPR12A	LDPR15A
Type:	Bass reflex	Bass reflex	Bass reflex
Frequency range:	70 Hz - 19 kHz	60 Hz - 19 kHz	50 Hz - 19 kHz
Power output (RMS):	170 W / 340 W / 4 Ω	450 W / 900 W / 4 Ω	450 W / 900 W / 4 Ω
Amplification:	Class D / ICEpower 50ASX2	Class D / ICEpower 125ASX2	Class D / ICEpower 125ASX2
Max. SPL:	118 dB	123 dB	125 dB
LF transducer:	10"	12"	15"
HF transducer:	1"	1"	1"
Dispersion:	120° x 60°	120° x 60°	120° x 60°
Connectors:	Input: line: XLR, RCA / mic: XLR, 6,3mm Jack Output: XLR, 6,3mm Jack	Input: line: XLR, RCA / mic: XLR, 6,3mm Jack Output: XLR, 6,3mm Jack	Input: line: XLR, RCA / mic: XLR, 6,3mm Jack Output: XLR, 6,3mm Jack
Dimensions (W x H x D):	350 x 540 x 290 mm	410 x 620 x 330 mm	490 x 730 x 400 mm
Weight:	13 kg	15 kg	20,5 kg

ACCESSORIES



LDPR10B Protection cover

LDPR12B Protection cover

LDPR15B Protection cover



ACCESSORIES (OPTIONAL):
LDP82WB WALL MOUNTING BRACKET



PRO 8"

LDP82

8" PA SPEAKER

200 W

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure, equipped with 8" LF and 1" HF driver, top hat (36 mm) and rigging points for installation.

SPECIFICATIONS

Model name:	LDP82
Type:	Bass reflex
Frequency range:	80 Hz - 15 kHz
Rated system power (cont. / peak):	100 W / 200 W
Sensitivity (1W/ 1m):	92 dB
Max. SPL:	112 dB
Impedance:	8 Ω
LF transducer:	8"
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x Speakon compatible
Dimensions (W x H x D):	295 x 420 x 235 mm
Weight:	8,2 kg

LDP82A

8" POWERED PA SPEAKER

240 W

TECHNICAL DATA AND FEATURES:

Design as LDP82, but with built in Class A/B amplifier (80 W + 40 W RMS), 2-band equalizer, microphone input with gain control, master gain control, ground lift.

SPECIFICATIONS

Model name:	LDP82A
Type:	Bass reflex
Frequency range:	80 Hz - 15 kHz
Power output (RMS / peak):	80 W + 40 W / 240 W
Amplification:	Class A/B (Bi-Amp)
Max. SPL:	112 dB
LF transducer:	8"
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	Input: mic: XLR, 6,3mm Jack / line: XLR, RCA Output: XLR / 6,3mm Jack
Dimensions (W x H x D):	295 x 420 x 235 mm
Weight:	10 kg



ACCESSORIES (OPTIONAL):
LDP102WB WALL MOUNTING BRACKET
LDP10B PROTECTION COVER



PRO 10"

LDP102

10" PA SPEAKER

300 W

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure, equipped with 10" LF and 1" HF driver, top hat (36 mm) and rigging points for installation.

SPECIFICATIONS

Model name:	LDP102
Type:	Bass reflex
Frequency range:	75 Hz - 16 kHz
Rated system power (cont. / peak):	150 W / 300 W
Sensitivity (1W/ 1m):	93 dB
Max. SPL:	115 dB
Impedance:	8 Ω
LF transducer:	10"
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x Speakon compatible
Dimensions (W x H x D):	360 x 500 x 270 mm
Weight:	11 kg

LDP102A

10" POWERED PA SPEAKER

340 W

TECHNICAL DATA AND FEATURES:

Design as LDP102, but with built in Class A/B amplifier (140 W + 40 W RMS), 2-band equalizer, microphone input with gain control, master gain control, ground lift.

SPECIFICATIONS

Model name:	LDP102A
Type:	Bass reflex
Frequency range:	75 Hz - 16 kHz
Power output (RMS / peak):	140 W + 40 W / 340 W
Amplification:	Class A/B (Bi-Amp)
Max. SPL:	115 dB
LF transducer:	10"
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	Input: mic: XLR, 6,3mm Jack line: XLR, RCA Output: XLR / 6,3mm Jack
Dimensions (W x H x D):	360 x 500 x 270 mm
Weight:	14 kg



ACCESSORIES (OPTIONAL):
LDP122WB WALL MOUNTING BRACKET
LDP12B PROTECTION COVER

PRO 12"

LDPN1222

12" PA SPEAKER

500 W

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure, equipped with 12" LF and 1" HF driver, top hat (36 mm) and rigging points for installation.

SPECIFICATIONS

Model name:	LDPN1222
Type:	Bass reflex
Frequency range:	60 Hz - 18 kHz
Rated system power (cont. / peak):	250 W / 500 W
Sensitivity (1W/ 1m):	98 dB
Max. SPL:	120 dB
Impedance:	8 Ω
LF transducer:	12" Ferrit
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x Speakon compatible
Dimensions (W x H x D):	430 x 580 x 315 mm
Weight:	16,5 kg



LDPN122A2

12" POWERED PA SPEAKER

500 W

TECHNICAL DATA AND FEATURES:

Design as LDPN1222, but with built in Class A/B amplifier (190 W + 60 W RMS), 2-band equalizer, microphone input with gain control, master gain control, ground lift.

SPECIFICATIONS

Model name:	LDPN122A2
Type:	Bass reflex
Frequency range:	60 Hz - 18 kHz
Power output (RMS / peak):	190 W + 60 W / 500 W
Amplification:	Class A/B (Bi-Amp)
Max. SPL:	120 dB
LF transducer:	12" Ferrit
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	Input: mic: XLR, 6,3mm jack / line: XLR, RCA Output: XLR / 6,3mm jack
Dimensions (W x H x D):	430 x 580 x 315 mm
Weight:	20,5 kg



ACCESSORIES (OPTIONAL):
LDP152WB WALL MOUNTING BRACKET
LDP15B PROTECTION COVER

PRO 15"

LDPN1522

15" PA SPEAKER

600 W

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure, equipped with 15" LF and 1" HF driver, top hat (36 mm) and rigging points for installation.

SPECIFICATIONS

Model name:	LDPN1522
Type:	Bass reflex
Frequency range:	55 Hz - 18 kHz
Rated system power (cont./ peak):	300 W/ 600 W
Sensitivity (1W/ 1m):	99 dB
Max. SPL:	122 dB
Impedance:	8 Ω
LF transducer:	15" Ferrit
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x Speakon compatible
Dimensions (W x H x D):	450 x 685 x 380 mm
Weight:	22 kg



LDPN152A2

15" POWERED PA SPEAKER

560 W

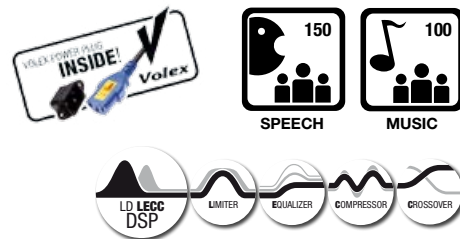
TECHNICAL DATA AND FEATURES:

Design as LDPN1522, but with built in Class A/B amplifier (220 W + 60 W RMS), 2-band equalizer, microphone input with gain control, master gain control, ground lift.

SPECIFICATIONS

Model name:	LDPN152A2
Type:	Bass reflex
Frequency range:	55 Hz - 18 kHz
Power output (RMS / peak):	220 W + 60 W / 560 W
Amplification:	Class A/B (Bi-Amp)
Max. SPL:	122 dB
LF transducer:	15" Ferrit
HF transducer:	1"
Dispersion:	90° x 40°
Connectors:	Input: mic: 2 x XLR, 2 x 6,3mm jack line: XLR, RCA / Output: XLR / 6,3mm jack
Dimensions (W x H x D):	450 x 685 x 380 mm
Weight:	26 kg

AVAILABLE IN WHITE
IN MARCH 2013!
LDMAUI11W



MAUI11 **NEW!**

COMPACT COLUMN POWERED PA SYSTEM

The MAUI 11 (Multiple Array User Intuitive) is an active column system with three-wayamping. It provides maximum dispersion and consistent sound quality both in the listening and performing areas. The plug-and-play design can be set up and taken down in no time.

Due to the 2 x 6.5" V-Construction Tower Subwoofer the system controls are conveniently located for easy adjustment. With a power rating of 200 W RMS for the subwoofer and 140 W RMS for the columns the integrated Class D amplifier delivers plenty of clarity and punch while the inclusion of the LD LECC DSP™ (featuring limiter, equalizer, compressor and crossover functions) provides professional levels of fine tuning.

The MAUI 11 performance and convenience will be appreciated by solo performers, small groups and mobile DJs as well as those arranging private parties or corporate presentations. The multipin precision-lock system components require no speaker cables or stands, and the minimum weight and milled subwoofer handle allow for easy handling and transport. Just plug in your mixer and you are ready to go!

SPECIFICATIONS

Model name:	LDMAUI11(W)
Type:	Subwoofer: V – construction bass reflex / Column: sealed
Subwoofer:	2 x 6.5"
Vertical array system (2pcs):	Fullrange: 16 x 3" / HF: 1" horn tweeter
Amplification:	class D
Dispersion:	horizontal 120° in average
Power output (RMS / peak):	Subwoofer: 200 W / 400 W / Column: 140 W / 280 W
Frequency range:	50 Hz – 20 kHz
Max SPL (peak):	121 db
Protection:	Short circuit, over current, dual limiter
Controls:	Volume, sub level, ON/OFF switch
Indicators:	On, signal, limit, protect
Subwoofer connectors:	Input: 2 x XLR / 6,3 mm jack (combo), RCA / output: 2 x XLR direct line through
Satellite connectors:	Custom made multi pin connector
Cabinet material:	Subwoofer: 15 mm plywood / Column: aluminium
Cabinet surface:	Subwoofer: PA painting / Column: powder coating
Dimensions (W x H x D):	Subwoofer: 256 x 650 x 355 mm / Column: 94 x 1310 x 95 mm
Weight:	Subwoofer: 17 kg / Column: 7 kg
Features:	Signal processing: LD LECC DSP (limiter, equalizer, compressor, crossover), easy connection with multi pin plug (no cables), stable connection via two steel extensions

ACCESSORIES



LDM11SATBAG

Protection-/ Transport cover for MAUI11 column speaker

LDM11SUBPC

Protection-/ Transport cover for MAUI11 subwoofer

MAUI28

COMPACT COLUMN POWERED PA SYSTEM



ALSO AVAILABLE IN WHITE!
MODEL NAME: LDMAUI28W

NEW!
MAUI 28 SUBWOOFER
EXTENSION
MODEL NAME: LDMAUI28SE

The MAUI 28 system is a compact, active and modular "all-in-one" system. It is the perfect solution for musicians and DJs as well as presentations and events with sophisticated music playback. Because no cables and stands are required, this "plug-and-play" system can be set up and taken down again very easily and quickly. Frequency-range-based 4.1 five-wayamping results in a clear, dynamic and balanced sound throughout the frequency range of this system. The array configuration ensures greater coverage with very well-balanced sound distribution even in the farthest corners of the venue. The MAUI 28, which combines PA and monitoring system in one, guarantees the same sound experience for both audience and musician, easy transportation included.

Just plug in your mixer and you are ready to go!

SPECIFICATIONS

Model name:	LDMAUI28(W)
Type:	Subwoofer: V – construction bass reflex / Column: sealed
Subwoofer:	2 x 8"
Vertical array system (2pcs):	Fullrange: 16 x 3" / HF: 1" horn tweeter
Amplification:	Class A / B
Dispersion:	horizontal 120° in average
Power output (RMS / peak):	Subwoofer: 200 W / 400 W / Vertical array system: 200 W / 400 W
Frequency range:	45 Hz – 20 kHz
Max. SPL (peak):	123 db
Protection:	Dual limiter
Controls:	Volume, sub level, ON/OFF switch
Indicators:	On, lock, signal, limit, protect
Subwoofer connectors:	Input: 2 x XLR / 6,3 mm jack (combo) / RCA / output: 2x XLR Direct line through
Satellite connectors:	Custom made multi pin connector
Cabinet material:	Subwoofer: 15 mm plywood / Satellites: aluminium
Cabinet surface:	Subwoofer: PA painting / Column: powder coating
Dimensions (W x H x D):	Subwoofer: 390 x 450 x 510 mm / Satellite: 110 x 790 x 90 mm
Weight:	Subwoofer: 29 kg / Lower Column: 3.7 kg / Upper Column: 4.1 kg
Features:	Assisted vertical array set up with LED control for correct connection Easy connection with multi pin plug (no cables) stable connection via four steel extensions

ACCESSORIES

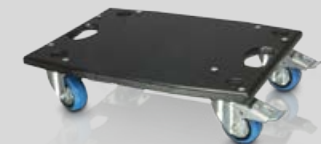


LDM28SATBAG

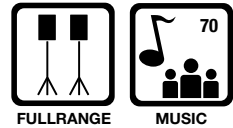
Protection-/ Transport bag for MAUI28 column speaker

LDM28SUBPC

Protection-/ Transport cover for MAUI28 subwoofer



LDM28CB
Castor Board for MAUI28 System



DAVE8XS

COMPACT 8" POWERED MULTIMEDIA SYSTEM

The DAVE8XS is a portable and compact 2.1 multimedia system. It is equipped of a powerful 8" Bandpass subwoofer (150 W RMS) and 2 x 4" + 1" silk dome satellites (2 x 100 W).

It delivers a crystal clear sound and was designed for all kinds of multimedia applications such as home recording, AV applications, DJ & Keyboard monitoring, PA for small sized public facilities (such as bars/pubs) etc. The class A/B amplification module integrated in the subwoofer delivers a high output and powers both sub and satellites. The LD DAVE 8XS features XLR and RCA Phono Line inputs, as well as all common protective circuits. The integrated limiter keeps your system safe from an overload and will guarantee a long operational life. On the side of the sub you will find an on/off switch, an 180° phase reverse and a separate subwoofer volume knob allowing you to find the perfect sound balance between crystal clear high tones, punchy mids and powerful bass.

SPECIFICATIONS

Model name:	LDDAVE8XS(W)
Type:	Subwoofer: band pass / Satellite: sealed
Subwoofer:	8"
Satellites:	LF: 2 x 4" / HF: 1" horn tweeter
Amplification:	Class A / B
Power output (RMS / peak):	Subwoofer: 150 W / 300 W / Satellites: 2 x 100 W / 2 x 200 W
Frequency range:	45 Hz - 19 kHz
Max SPL (peak):	123 db
Protection:	Short circuit, over-current, limiter
Controls:	Volume, sub level, 180 ° phase reverse, On / Off switch
Indicators:	Power, protect
Subwoofer connectors:	Input: line: XLR/6.3 mm jack combo / RCA / powered output for DAVE8XS satellites
Satellites connectors:	1 x Speakon compatible
Cabinet material:	Subwoofer: 15 mm MDF / Satellites: 12 mm MDF
Cabinet surface:	Painting
Dimensions (W x H x D):	Subwoofer: 352 x 430 x 434 mm / Satellites: 144 x 350 x 170 mm
Weight:	Subwoofer: 18 kg / Satellites: 4.5 kg
Features:	Subwoofer: limiter / Satellite: 3/8" thread adapter for microphone stand, M6 threads for wall mounting (with SP5G3B bracket)

ACCESSORIES



LDDAVE8XSG
Speaker grille. Optionally available.



LDDAVE8SET1
Transport bag set with integrated castor board



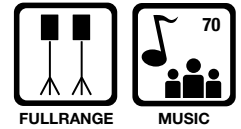
LDDAVE8SET2
Speaker stand set with transport bag

ALSO AVAILABLE IN WHITE!
Model name: LDDAVE8XSW



DAVE8ROADIE **NEW!**

COMPACT 8" POWERED MULTIMEDIA SYSTEM



AVAILABLE APRIL **2013!**

CONNECTABLE WITH:



The DAVE 8 Roadie is a portable and compact 2.1 multimedia system. It is equipped of a powerful 8" Bandpass subwoofer (150 W RMS) and 2 x (4" + 1") satellites (2 x 100 W). It was designed for all kinds of mini PA applications. Solo entertainer PA, Keyboard monitoring, DJ home party PA, audio video applications, but also for business conferences, presentations and many more. The class A / B amplification module integrated in the subwoofer delivers a high output and powers both sub and satellites. The DAVE 8 Roadie features many practical in- and outputs. XLR line input for mixers, XLR microphone input as well as a switchable 3.5 mm jack MP3 player / 6.3 mm instrument input. In the output section you will find an XLR stereo output allowing you to connect another powered fullrange system and an XLR mono output for connecting an additional subwoofer.

This system features all common protective circuits. The integrated limiter keeps your system safe from an overload and will guarantee a long operational life. On the side of the subwoofer you will find an on/off switch, an 180° phase reverse and a separate subwoofer volume knob allowing you to find the perfect sound balance between crystal clear high tones, punchy mids and powerful bass.

SPECIFICATIONS

Model name:	LDDAVE8ROADIE
Type:	Subwoofer: band pass / Satellite: sealed
Subwoofer:	8"
Satellites:	LF: 2 x 4" / HF: 1" silk dome tweeter
Amplification:	Class A / B
Power output (RMS / peak):	Subwoofer: 150 W / 300 W / Satellites: 2 x 100 W / 2 x 200 W
Frequency range:	45 Hz - 19 kHz
Max SPL (peak):	123 db
Protection:	Short circuit, over-current, limiter
Controls:	ON / OFF, Volume, microphone, MP / instrument, sub level, 180 ° phase reverse, input switch (3,5mm jack / 6,3mm jack)
Indicators:	Power
Subwoofer connectors:	Line input: XLR / Mic input: XLR / MP3 player input: 3.5 mm jack / Instrument input: 6.3 mm jack Line output: XLR stereo / XLR mono / Powered outputs for satellites
Satellites connectors:	2 x Speakon compatible
Cabinet material:	Subwoofer: 15 mm MDF / Satellites: 12 mm MDF
Cabinet surface:	Painting
Dimensions (W x H x D):	Subwoofer: 352 x 430 x 434 mm / Satellites: 150 x 350 x 170 mm
Weight:	Subwoofer: 19 kg / Satellites: 5 kg
Features:	Subwoofer: limiter, threaded flange (M20), transport handles Satellite: 3/8" thread, metal front grille, transport handles

ACCESSORIES



LDDAVE8SET1
Transport bag set with integrated castor board



LDDAVE8SET2
Speaker stand set with transport bag

DAVE10G3 **NEW!**

COMPACT 10" POWERED PA SYSTEM WITH DSP

The LD Systems DAVE 10 G3 is the latest generation of an extremely compact active PA system. The bass reflex subwoofer provides a solid bass foundation; the satellites ensure clearly defined mids and clear treble. The 2.1 power amp module built into the subwoofer delivers 1 x 150W + 2 x 100W continuous power, and the intelligent LD LECC DSP guarantees perfect interaction and controlled functioning. The digital signal processor includes specially optimised crossovers, separate equalisers and limiters for the bass, mid, and treble frequency ranges, and a dynamic compressor that controls the subwoofer according to volume and provides for increased punch at low volumes. The DAVE 10 G3 system's professional features include sturdy MDF cabinets, the necessary protection circuits, RCA, XLR/jack combo and Speakon-compatible connectors, and ergonomic handles. The LD „Evolutive“ handles of the subwoofer are a genuine innovation - they permit a trouble-free, secure grip from all sides! The stand support of the satellites is tilted by five degrees for perfect orientation of the speaker cabinet.

Protection covers for the system components and a castor board with a lashing strap for convenient transport are available as accessories. Matching speaker stands, spacer tubes, and mounting forks are also available separately.

The DAVE 10 G3 is especially suitable for portable use and are very convenient to transport, making it just right for solo entertainers and duos. However, it also cuts a good figure in small permanent installations, e.g., in bars and restaurants.

SPECIFICATIONS

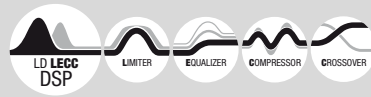
Model name:	LDDAVE10G3
Type:	Subwoofer: bass reflex / Satellite: sealed
Subwoofer:	10"
Satellites:	LF: 5,25" / HF: 1" Horn Tweeter
Amplification:	Class A / B
Power output (RMS / peak):	Subwoofer: 150 W / 300 W / Satellite: 2 x 100 W / 2 x 200 W
Frequency range:	45 Hz - 19 kHz
Max SPL (peak):	126 db
Protection:	Short circuit, over-current, limiter
Controls:	Volume, sub Level, 180 ° phase reverse, On / Off switch
Indicators:	ON, signal, limit
Subwoofer connectors:	Input: 2 x XLR / 6,3 mm jack (combo) / RCA
Satellites connectors:	Speakon compatible
Cabinet material:	Subwoofer: 15 mm plywood / Satellites: 12 mm plywood
Cabinet surface:	Texture paint
Dimensions (W x H x D):	Subwoofer: 345 x 430 x 460 mm / Satellites: 200 x 300 x 230 mm
Weight:	Subwoofer: 19,5 kg / Satellites: 4 kg
Features:	Subwoofer: LD SYSTEMS evolute handles, threaded flange (M20), limiter Satellite: ergonomic milled handles, stand support (5° sloped)



*Speaker stands available optionally.



LD **EVOLUTIVE HANDLES**



DETAILS & FEATURES



ACCESSORIES

38110G3 CASTORBOARD



LDD10G3SUBBAG
Protection cover for subwoofer.

LDD10G3SATBAG
Protection cover for satellite.

LDDAVE10G3SET
Optional castorboard incl. belt and protection covers.

DAVE12G3 NEW!

COMPACT 12" POWERED PA SYSTEM WITH DSP

The new LD Systems DAVE 12 G3 is the perfect active PA system for high-powered live gigs, multimedia presentations, and permanent installations in bars and clubs. A 12" bass reflex subwoofer and the satellites with 6.5" drivers and HF horns ensure a good sound with driving, defined bass, natural mids, and clear treble. The 2.1 power amp stage is built into the subwoofer and provides the system components with 1x300W + 2x120W of continuous power.

The soul of the DAVE 12 G3 is the LD LECC DSP digital signal processor, which controls all important system functions. It includes specially amplitude and low-latency optimised crossovers, separate equalisers and limiters for the bass, mid, and treble frequency ranges, and a dynamic compressor that controls the subwoofer according to volume and provides for increased punch at low volumes.

The professional full range of features of the DAVE 12 G3 includes rugged multiplex cabinets, all important protection circuits, RCA, XLR/jack combo and Speakon-compatible connectors, and ergonomically shaped, recessed handles. The LD „Evolutive“ handles of the subwoofer are an important innovation with a metal ring handle that permits a secure and convenient grip from all sides. For accurate vertical orientation of the satellites, the speaker supports are vertically adjustable by $\pm 14^\circ$ max. in three increments. Protection covers for the system components and a castor board with a lashing strap for easy transport are available as accessories. Matching speaker stands, spacer tubes, and mounting forks are also available separately. The DAVE 12 G3 system is ideally suited for portable use and also makes a great impression in permanent installations.

SPECIFICATIONS

Model name:	LDDAVE12G3
Type:	Subwoofer: bass reflex / Satellite: sealed
Subwoofer:	12"
Satellites:	LF: 6.5" / HF: 1" horn tweeter
Amplification:	Class A / B
Power output (RMS / peak):	Subwoofer: 300 W / 600 W / Satellite: 2 x 120 W / 2 x 240 W
Frequency range:	40 Hz - 19 kHz
Max SPL (peak):	130 db
Protection:	Short circuit, over-current, limiter
Controls:	Volume, Sub Level, 180 ° phase reverse, On / Off switch
Indicators:	ON, signal, limit, protect
Subwoofer connectors:	Input: 2 x XLR / 6,3 mm jack (combo) / RCA , output: XLR
Satellites connectors:	Speakon compatible
Cabinet material:	Subwoofer: 15 mm plywood / Satellites: 15 mm plywood
Cabinet surface:	Texture paint
Dimensions (W x H x D):	Subwoofer: 435 x 500 x 540 mm / Satellites: 250 x 400 x 250 mm
Weight:	Subwoofer: 31,5 kg / Satellites: 8,5 kg
Features:	Subwoofer: LD SYSTEMS evolute handles, threaded flange (M20), limiter Satellite: ergonomic milled handles, stand support adjustable, vertically (SM707)

ACCESSORIES

38112G3 CASTORBOARD



LDD12G3SUBBAG
Protection cover for subwoofer.

LDD12G3SATBAG
Protection cover for satellite.

LDDAVE12G3SET
Optional castorboard
incl. belt and protection covers.



DETAILS & FEATURES



MUSIC



SM707

Patented Top Hat
Angle adjustable up to
 $\pm 14^\circ$ in 4,5° steps
Internal Ø 36mm

DAVE15G3 NEW!

COMPACT 15" POWERED PA SYSTEM WITH DSP

The DAVE 15 G3 is LD Systems' most powerful active compact system. A bass reflex subwoofer with a 15" driver constitutes the massive, powerful foundation. The satellites with 8" drivers and HF horns are responsible for a natural sounding, assertive midrange and transparent treble. The subwoofer incorporates a 2.1 power amp module that drives the components of the DAVE 15 G3 with 1x 400W + 2x 150W of continuous power. The LD LECC DSP digital processor ensures perfectly tuned functioning of the system. It includes specially amplitude and low-latency optimised crossovers, separate equalisers and limiters for the bass, mid, and treble frequency ranges, and a dynamic compressor that controls the subwoofer according to volume and provides for increased punch at low volumes.

The thoroughly professional features of the DAVE 15 G3 active PA system include rugged multiplex cabinets, all important protection circuits, RCA, XLR/jack combo and Speakon-compatible connectors, and ergonomically shaped, recessed handles. The LD „Evolutive“ handles of the subwoofer are especially worthy of mention: the innovative design with a metal ring handle permits secure, convenient handling from all sides. For accurate vertical orientation, the speaker supports of the satellites are vertically adjustable by $\pm 14^\circ$ max. in three increments.

Speaker protection covers and a castor board with a lashing strap for simple transport are available as accessories. Matching speaker stands, spacer tubes, and mounting forks are also available separately. Like all systems in the DAVE series, the DAVE 15 G3 is suitable for portable use and for permanent installation.

SPECIFICATIONS

Model name:	LDDAVE15G3
Type:	Subwoofer: bass reflex / Satellite: sealed
Subwoofer:	15"
Satellites:	LF: 8" / HF: 1" horn tweeter
Amplification:	Class A / B
Power output (RMS / peak):	Subwoofer: 400 W / 800 W / Satellite: 2 x 150 W / 2 x 300 W
Frequency range:	35 Hz - 19 kHz
Max SPL (peak):	132 db
Protection:	Short circuit, Over-current, limiter
Controls:	Volume, sub level, 180 ° phase reverse, On / Off switch
Indicators:	ON, signal, limit, protect
Subwoofer connectors:	Input: 2x XLR / 6,3 mm jack (combo) / RCA, output: 2 x XLR
Satellites connectors:	Speakon compatible
Cabinet material:	Subwoofer: 18 mm plywood / Satellites: 15 mm plywood
Cabinet surface:	Texture paint
Dimensions (W x H x D):	Subwoofer: 480 x 570 x 635 mm / Satellites: 275 x 430 x 260 mm
Weight:	Subwoofer: 41,5 kg / Satellites: 9,7 kg
Features:	Subwoofer: LD SYSTEMS evolutive handles, threaded flange (M20), limiter Satellite: ergonomic milled handles, stand support adjustable, vertically (SM707)



DETAILS & FEATURES



ACCESSORIES

38115G3 CASTORBOARD



LD **D15G3SUBBAG**
Protection cover for subwoofer.

LD **D15G3SATBAG**
Protection cover for satellite.

LD **DAVE15G3SET**
Optional castorboard
incl. belt and protection covers.



ROADBOY65

PORTABLE PA SPEAKER

Model name: LDRB65

The compact, flexible sound system for small events, conferences, multimedia applications, podium discussions, schools, churches, etc.

The ultra-compact battery-powered combo amplifier, measuring 32 cm x 22 cm and weighing only 5 kg, provides an impressive sound pressure level (> 95 dB) and audibility, and is equipped with features unique for its size.

OPTIONAL:

- LDST40 Speaker stand
- LDSB21 Protection cover
- LDRB65SP RoadBoy 65 passive loudspeaker
- LDRM102R Receiver for RoadBoy

STANDARD CONFIGURATION:

- CD/MP3 Player with Gain and Tone Control, USB & SD Input
- 1 x UHF PLL 16 CHN Wireless Unit with dynamic microphone (WS1616MD), optional with beltpack WS1616BP and headset-/lavaliere microphone available
- 1 x Mic In / Aux In / Aux Out /
- 2 x sound control (bass/treble)
- Talkover function
- DC in (12 - 18 V 3 A)
- 100 - 240 V external switch mode power supply
- built in 12 V / 2.9 AH rechargeable battery, runs up to 5 hours
- external output for passive box
- built in 25 W RMS amplifier

ROADMAN102

PORTABLE PA SPEAKER

After many challenges and years of experience in the design of sound systems, LD is proud to introduce this multi-function, multi-purpose all-in-one RoadMan 102 Series of Portable Public Address Systems!

Model name: LDRM102

ROADMAN SERIES

EXTRAORDINARY FEATURES

- 150 W music power
- For indoor & outdoor use
- High quality sound 10" speaker + HF driver
- Aluminium enclosure
- 100 - 240 V AC switch mode power supply
- Two way speaker system
- Built-in two stages charging circuit
- 24 V DC supply from two built-in Maintenance free 12 V/5 AH lead acid type rechargeable batteries
- Slot for choice of two UHF PLL synthesized type receiver modules
- Built-in receiving UHF antennas.
- XLR / Jack Combo Input for 2 wired Microphones or 2 line signals (Line / Mic Switch)
- Line in & out RCA jack.
- Optional Cassette recorder with pitch control function
- CD/MP3 player with USB & SD input
- "Talkover" function (Voice priority)
- Preamplifier, mixer and amplifier circuit.
- Separate power switches for receiver and CD/Tape
- Individual volume control for wired and wireless microphones.
- Master volume control
- Audio Link Master / Slave circuit
- Handle
- Extra strong trolley
- Whisper wheels
- Enclosure base equipped with tripod stand adaptor
- Optional accessories: Tripod stand & corresponding carrying bag



ROADMAN102 SERIES

AUDIO LINK

Audio Link allows the inter-connection of the RoadMan 102 unit with up to 20 SLAVE units to form a large network of amplified speakers. In order to do this, the MASTER unit with the audio sources (wireless mic, wired mic, cassette or CD) is connected to the SLAVE unit via the ACTIVE OUT connector. The ACTIVE OUT of the SLAVE is then connected to the ACTIVE IN of the next SLAVE and so on if more SLAVE units are required.

ADVANTAGES OF AUDIO LINK

Expandable & Flexible: The RoadMan 102 can work as a single unit or be expanded to a large network of amplified speakers for crowds up to 450 or more.

FEATURES

- Suitable for both indoor and outdoor applications.
- New stylish design featuring a light weight extruded aluminium enclosure
- Multiple wireless and wired microphone facilities
- 2 ways speaker system with crossover circuit
- Easy to operate
- Easy to setup
- Internal Tripod Stand Mount
- Capable of handling crowds of up to 280 people (and more with Audio Link)
- Extraordinary Features
- UHF-License free frequencies (863 - 865 MHz bandwidth)
- For Indoor & Outdoor Use, Multiple PA Applications

BAND

Frequency range:	863 MHz - 865 MHz
Receiver Modules:	LDRM102R
Receiving Modes:	Antenna
No. of channel:	16
Display:	LED Display
Oscillation type:	Microprocessor controlled PLL synthesized
Frequency Bandwidth:	0.125 MHz
Handheld:	Capsule Dynamic
Lavalier Microphones:	LDWS100ML
Headset Microphones:	LDWS100MH1/LDWS100MH3/LDHSAE1

UHF

SPECIFICATIONS

output Power:	75 W RMS / 8 Ohm 150 W Music
Max. SPL:	117 dB
Speaker System (2 Ways) Bass:	10" + 1" Horn Tweeter
AC Power Supply:	100 V - 240 V switch mode power supply
Rechargeable Battery:	12 V 5 AH x 2 pieces
Distortion:	< 0.5 %
Inputs:	switchable mic in / line in x2, active in
outputs:	active out, line out, spk out (switched & unswitched)
Volume Controls:	Master, Wireless Microphone, MIC-IN., CD/TAPE, LINE, TONE Control
Frequency range:	80 Hz - 18 kHz
Companion Speaker:	RoadMan passive speaker (LDRM102SP)
Slave:	RoadMan active speaker (LDRM102SL)
Wireless Modules:	Max. 2 pieces (UHF)
Antenna:	Extra UHF receiving antennas
Charging Time:	about 8 hours
Operating Time:	5 hours (Music) > 10 hours (Speech)
Dimension (W x H x D):	355 mm x 610 mm x 315 mm
Weight:	19 kg (Basic unit)



SHOCKPROOF CD/MP3-PLAYER WITH USB & SD INPUT (STANDARD)

- Single disc mechanism
- Quick search function
- Repeat play function
- Memory programming
- Incl. IR remote control



XLR/PHONO COMBO CONNECTOR (STANDARD)

- Inputs: MIC IN x 2, LINE IN (XLR/Phono Combo connector)
- Mode selector (Speech or Music)
- outputs: LINE IN/OUT, ACTIVE OUT
- Controls: MIC IN Vol. Tape/CD, Power/Vol. Line Vol., Tone, Master Vol.



TAPE DECK (OPTIONAL)

- Model name: LDRM102TDP
- Playback and record functions
- Variable tape speed control
- Auto Reverse function
- APSS (Automatic Program Search)
- Tape Counter
- Pitch Control



100-240 V AC SWITCH MODE POWER SUPPLY

- External Speaker connection with Speaker OUT (switched/unswitched)
- Power ON/OFF switch
- Voice Priority ON/OFF switch
- Battery charging status indicator



LDRM102R (16 CHANNELS) (ONE UNIT STANDARD)

- Slots for two plug in type receiver modules.
- UHF PLL type with LCD.
- Separate receiver volume control

ROADBOY6.5 / ROADMAN102 ACCESSORIES

WS1616MD (STANDARD)



LDWS1616BP (OPTIONAL)



LDWS100MH3 (OPTIONAL)



LDWS100ML (OPTIONAL)



LDWS100MH1 (OPTIONAL)



LDHSAE1 FITNESS HEADSET (OPTIONAL)



LDRM102SL (SLAVE BOX ACTIVE) / LDRM102SP (SLAVE BOX PASSIVE) (OPTIONAL)



LDRM102BAG (OPTIONAL)



SPS56B (OPTIONAL)



SAT42

4" INSTALLATION MONITOR

The SAT42 is ideal for use either as a full-range speaker for smaller installations, cafés, bistros, fashion shops and home recordings, or as a satellite in combination with the powerful SUB88. The attractive design features a sturdy MDF housing with a very durable textured finish.

Optimal installation is ensured by the included mounting brackets and adjustable mounting of the rigging points. The appearance can be quickly altered via the removable front grill (with magnetic holder).

Also available in white!

SPECIFICATIONS

Model name:	LDSAT42 / LDSAT42W
Frequency range:	75 Hz - 20 kHz
Rated system power (cont./ peak):	60 W / 100 W
Sensitivity (1W/ 1m):	85 dB
Max. SPL:	103 dB
Impedance:	16 Ω
LF / HF transducer:	4" / 1"
Dispersion:	60° x 60°
Connectors:	Clamp - type
Dimensions (W x H x D):	140 x 230 x 125 mm
Weight:	2,7 kg
Features:	M6 rigging / mounting points, mounting brackets



SAT242

2x4" INSTALLATION MONITOR

For higher power applications we recommend the use of the SAT242. This installation speaker system features 2 x 4" Woofers as well as the well-known Dome Tweeter. The SAT242 offers high pressure levels and an attractive and compact design. Mounting brackets included.

Also available in white!

SPECIFICATIONS

Model name:	LDSAT242 / LDSAT242W
Frequency range:	75 Hz - 20 kHz
Rated system power (cont./ peak):	100 W / 180 W
Sensitivity (1W/ 1m):	88 dB
Max. SPL:	108 dB
Impedance:	8 Ω
LF / HF transducer:	2 x 4" / 1"
Dispersion:	60° x 60°
Connectors:	Clamp - type
Dimensions (W x H x D):	140 x 378 x 135 mm
Weight:	4,1 kg
Features:	M6 rigging / mounting points, mounting brackets

WHITE VERSION
ALSO AVAILABLE!



SAT62

6.5" INSTALLATION MONITOR

The big brother of the SAT42 features enhanced power and performance. Outstanding even when used alone, without a subwoofer. For description, see SAT42. **Also available in white!**

SPECIFICATIONS

Model name / type:	LDSAT62(W) / All-Round Monitor
Frequency range:	55 Hz - 20 kHz
Rated system power (cont./ peak):	80 W / 130 W
Sensitivity (1W/ 1m):	89 dB
Max. SPL:	108 dB
Impedance:	16 Ω
LF / HF transducer:	6,5" / 1"
Dispersion:	60° x 60°
Connectors:	Clamp - type
Dimensions (W x H x D):	200 x 320 x 200 mm
Weight:	4,8 kg
Features:	M6 rigging / mounting points, brackets

SPECIFICATIONS

Model name / type:	LDSAT62A(W) / Active All-Round Monitor
Frequency range:	55 Hz - 20 kHz
Power output (RMS / peak):	50 W / 100 W
Sensitivity (1W/ 1m):	89 dB
Max. SPL:	108 dB
LF / HF transducer:	6,5" / 1"
Dispersion:	60° x 60°
Connectors:	Input: XLR / 6,3mm jack, output: XLR
Dimensions (W x H x D):	200 x 320 x 200 mm
Weight:	6 kg
Features:	M6 rigging / mounting points, brackets



SAT82

8" INSTALLATION MONITOR

The SAT82 which features the well-known and compact design of the LD-SAT Series is the powerful alternative to the SAT62 speaker systems. The attractive design features a sturdy MDF housing and a very durable textured finish. The SAT82 is an excellent full range speaker with a deep bass foundation and a large frequency range which enable a very precise sound reproduction, even as a stand-alone solution. It is available as a passive version with 8 ohm impedance or as an active version with an integrated 80 Watt Class A/B amplification module. For the SAT82 we recommend the use of the DEEP² DP600 amplifier. Mounting brackets included. **Also available in white!**

SPECIFICATIONS

Model name:	LDSAT82(W)
Frequency range:	50 Hz - 20 kHz
Rated system power (cont./ peak):	120 W / 200 W
Sensitivity (1W/ 1m):	93 dB
Max. SPL:	114 dB
Impedance:	8 Ω
LF / HF transducer:	8" / 1"
Dispersion:	60° x 60°
Connectors:	Clamp-type
Dimensions (W x H x D):	274 x 410 x 243 mm
Weight:	8,5 kg
Features:	M6 rigging / mounting points, brackets



SUB10A POWERED SUBWOOFER

The LDSUB10A is a very compact and powerful 10" subwoofer. This multi-talent can be used as an additional bass with full-range speakers (Stinger 8" or Stinger 10") or be implemented for installation applications. This subwoofer features an integrated 3-channel power amplifier (3 x 120 W RMS) allowing the connection of additional passive full-range speakers, or of installation speakers such as the LD SAT series speakers.

Possible and meaningful combinations for installation applications:

- LDSUB10A + 2 x 4 LDSAT42(W)
- LDSUB10A + 2 x 2 LDSAT62(W)
- LDSUB10A + 2 x 2 LDSAT242(W)

SPECIFICATIONS

Model name / type:	LDSUB10A / bass reflex
Frequency range:	40 Hz - 120 Hz
Power output (RMS / peak):	3 x 120 W (120 W for subwoofer + 2 x 120 W for external speakers) / 3 x 240 W (240 W for subwoofer + 2 x 240 W for external speakers)
Connectors:	Input: line In: 2 x XLR/ 6,3mm jack (combo) output: binding post
Controls:	Volume, subwoofer level, 180° phase switch
Protection:	Short circuit, over current, clip limiter
Dimensions (W x H x D):	505 x 345 x 425 mm
Weight:	21 kg



SUB88 SUBWOOFER

Powerful, dynamic 2 x 8" Bandpass Subwoofer. Its compact dimensions permit unobtrusive placement of the subbass anywhere, either vertically or horizontally. A 2-channel power amplifier is all that is required to operate e.g. a subbass with up to 4 satellites. Sturdy MDF housing with textured finish.

SUB88A POWERED SUBWOOFER

The active alternative to our top-seller SUB88. The SUB88A features a 150 Watt Mono-amplification unit offering great sound and dynamic characteristics. It is a perfect partner for the SAT62A active speaker or for the passive models SAT42/242/62 in combination with an external amplification unit. It can naturally be used with any other high/medium speaker if you wish to complete your sound with a deep and powerful bass foundation.



SPECIFICATIONS

Model name:	LDSUB88
Frequency range:	40 Hz - 120 Hz
Rated system power (cont./ peak):	2 x 100 W / 2 x 180 W
Sensitivity (1W/ 1m):	92 dB
Max. SPL:	115 dB
Impedance:	2 x 8 Ω
LF transducer:	2 x 8"
Connectors:	Clamp - type
Dimensions (W x H x D):	450 x 500 x 520 mm
Weight:	13,5 kg

SPECIFICATIONS

Model name:	LDSUB88A
Frequency range:	40 Hz - 120 Hz
Power output (RMS / peak):	150 W / 300 W
Max. SPL:	115 dB
LF transducer:	2 x 8"
Connectors:	Input: XLR / 6,3mm jack
Dimensions (W x H x D):	600 x 250 x 350 mm
Weight:	16 kg
Features:	Sub X-Over frequency, sub phase reverse

SP SERIES PREMIUM POWER AMPLIFIERS

The LD Premium SP series is a range of no-compromise professional power amplifiers combining high efficiency, reliability and versatility in a compact lightweight design. Available in 2 and 4-channel models the SP Series delivers superior audio performance for touring and installation sound reinforcement. The SP series amplifiers feature a switch mode power supply with Class H design, a 20Hz – 20kHz bandwidth with low THD and crosstalk, a damping factor greater than 500, and excellent S/N ratio. Reliable, long-life operation is ensured by heavy duty engineering, high quality components and a comprehensive safety package including soft start with turn-on muting, PMS™ power management and SSP™ safe operation amp Sentry Protection. The intelligent clip limiter ICL™ prevents speaker damage while maintaining signal integrity. Protection circuits against DC, thermal and power supply overload are implemented. A switchable subsonic filter and a 3-position gain switch offer variable amplifier adjustment.

With up to 2.950W per channel at 2 Ohms, SP Series amplifiers provide massive output and serious value for demanding applications.

SPECIFICATIONS

Type:	Professional power amplifier	Professional power amplifier	Professional power amplifier
Model name:	LDSP1K8	LDSP2K4	LDSP4K
Output power 1 kHz, <0.05% THD:			
2 Ω	2 x 880 W	2 x 1190 W	2 x 1950 W
4 Ω	2 x 575 W	2 x 790 W	2 x 1380 W
8 Ω	2 x 325 W	2 x 460 W	2 x 810 W
Bridge @ 4 Ω	1760 W	2380 W	3900 W
Bridge @ 8 Ω	1150 W	1580 W	2760 W
Frequency range (power bandwidth ± 0.25 dB):	20 Hz-20 kHz	20 Hz-20 kHz	20 Hz-20 kHz
Total harmonic distortion (20 Hz-20 kHz):	< 0.05 %	< 0.05 %	< 0.05 %
Damping factor (20 Hz-500 Hz @8 ohm):	> 500	> 500	> 500
Crosstalk (20 Hz-20 kHz):	> 75 dB	> 75 dB	> 75 dB
Voltage gain (selectable):	26/32/38 dB	26/32/38 dB	26/32/38 dB
Sensitivity:	2.6/1.3/0.6 V	3.0/1.5/0.8 V	4.0/2.0/1.0 V
Signal to Noise ratio:	112 dB	113 dB	116 dB
Operation class:	H SMPS	H SMPS	H SMPS
Required AC mains (@4 ohm 1/8 r.p.):	4 A	4.8 A	7.5 A
Dimensions (WxHxD):	483 x 88.9 x 310 mm	483 x 88.9 x 310 mm	483 x 88.9 x 310 mm
Weight (kg):	8 kg	8 kg	8,5 kg
Protections:	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)



SPECIFICATIONS

Type:	Professional power amplifier	Professional power amplifier	Professional power amplifier
Model name:	LDSP6K	LDSP44K	LDSP46K
Output power 1 kHz, <0.05% THD:			
2 Ω	2 x 2950 W	4 x 980 W	4 x 1440 W
4 Ω	2 x 2025 W	4 x 670 W	4 x 1000 W
8 Ω	2 x 1250 W	4 x 430 W	4 x 620 W
Bridge @ 4 Ω	3900 W	2 x 1960 W	2 x 2880 W
Bridge @ 8 Ω	5900 W	2 x 1340 W	2 x 2000 W
Frequency range (power bandwidth ± 0.25 dB):	20 Hz-20 kHz	20 Hz-20 kHz	20 Hz-20 kHz
Total harmonic distortion (20 Hz-20 kHz):	< 0.05 %	< 0.05 %	< 0.05 %
Damping factor (20 Hz-500 Hz @8 ohm):	> 500	> 500	> 500
Crosstalk (20 Hz-20 kHz):	> 75 dB	> 75 dB	> 75 dB
Voltage gain (selectable):	26/32/38 dB	26/32/38 dB	26/32/38 dB
Sensitivity:	5.0/2.5/1.3 V	3.0/1.5/0.8 V	3.5/1.8/0.9 V
Signal to Noise ratio:	118 dB	113 dB	116 dB
Operation class:	H SMPS	H SMPS	H SMPS
Required AC mains (@4 ohm 1/8 r.p.):	10.5 A	7.5 A	10.5 A
Dimensions (WxHxD):	483 x 88.9 x 310 mm	483 x 88.9 x 310 mm	483 x 88.9 x 310 mm
Weight (kg):	8,6 kg	8,6 kg	8,6 kg
Protections:	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)	Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, ICL™ (Intelligent Clip limiting), PMS™ (Power Management System), SSP™ (SOA Sentry Protection)



DEEP²SERIES

DYNAMIC EFFICIENT ENGINEERED PA POWER AMPLIFIERS

The new DEEP² amp series features four class-H power amplifiers with toroidal core offering amplifying levels from 2 x 350 W up to 2 x 950 W at 4 Ohm. During the development of this series we attached a great importance to the reliability and the durability of the amps in continuous operation, this is why we used exclusively high end and selected components for the construction of these products. The DEEP² series features a Clip limiter as well as every common protection circuits. These amps are 2 Ohm and 4 Ohm (bridge) stable in continuous operation. On the rear panel you will find all the common In- and outputs. The DEEP² series will convince every user thanks to a dynamic and very clear sound which is perfectly adapted for Subbass applications as well as for multifunctional speakers. All models are lightweight and feature a robust steel plate housing and a very user friendly and compact design. The DEEP² series will prove to be a profitable and reliable choice for bands, renting companies and professional users thanks to its excellent price/performance ratio.



DP2400X

One special feature is a switchable 12 dB low-cut or 12 dB low-pass filter adjustable from 25 Hz to 150 Hz on both channels. This makes it possible to use the DP2400X as a bass amp or even realize a powerful bi-amping system. With the filters switched off, it becomes a conventional 2 channel power amp.



SPECIFICATIONS

Model name:	LDDP600	LDDP1600	LDDP2400X	LDDP4950
Output power @1 kHz				
2 Ω	2 x 300 W	2 x 800 W	2 x 1200 W	–
4 Ω	2 x 400 W	2 x 670 W	2 x 950 W	4 x 810 W
8 Ω	2 x 300 W	2 x 450 W	2 x 600 W	4 x 490 W
Bridge 4 Ω	600 W	1600 W	2200 W	–
Bridge 8 Ω	800 W	1380 W	1800 W	2 x 1600 W
Frequency range:	20 Hz - 20 kHz			
Operation class:	H			
Protection:	DC, temp, short circuit, over current			
Connectors:	Input: XLR / 6,3mm jack (Combo) / Link output: XLR/ output: Speakon compatible / binding post			
Power supply:	AC ~ 230V / 50-60 Hz			
Dimension (W x H x D):	483 x 88 x 370 mm			
Weight:	12,8 kg	15,9 kg	17,6 kg	19,6 kg



XS SERIES NEW!

PA POWER AMPLIFIERS

AVAILABLE APRIL 2013!

The XS200, XS400 and XS700 models are meticulously engineered Class D power amps with output ratings of 100W to 350W with a 4-ohm load per channel and a frequency range of 20Hz - 20kHz. They impress with a wide dynamic range, high impulse fidelity, and transparent signal routing. XLR, RCA, and TRS inputs are available to accommodate all important formats. Speakers can be connected via Speakon-compatible outputs and sturdy screw terminals.

Four recessed sliders select the mode of operation and gain and activate the built-in limiter, as well as the ground lift function for eliminating ground loop hum.

Of course the XS power amps are also equipped with all protection circuits against short circuiting, DC, overheating, and overloading, as well as a power on delay. The two large models are cooled by low-Noise fans. The mains fuse is integrated in the IEC socket. Various coloured LEDs on the front panel between the easy-grip level controls clearly indicate function, signal, clipping, activation of the protection circuit, and mode of operation.

SPECIFICATIONS

Model name	LDSX200	LD XS400	LDSX700
output power @ 1 KHz			
4 Ω	2 x 100 W	2 x 200 W	2 x 350 W
8 Ω	2 x 50 W	2 x 100 W	2 x 200 W
Bridge 8 Ω	200 W	400 W	700 W
Frequency range:	20 Hz – 20 kHz	20 Hz – 20 kHz	20 Hz – 20 kHz
Cooling type:	Convection	Low Noise fan	Low Noise fan
output circuitry:	Class D		
Protection:	Soft start, short circuit, DC, Temperature, over current		
Connectors:	Input: XLR, 6,3 mm jack, RCA / output: Speakon compatible, binding post		
Indicators:	Power, signal, clip, protect, mode (bridge / parallel)		
Controls:	ON/ OFF, volume, mode (bridge/ parallel / stereo), ground lift, limiter, gain		
Power supply:	AC ~ 230V / 50-60 Hz		
Dimensions (W x H x D):	482 x 44 x 244 mm		
Weight:	3 kg	3,4 kg	3,4 kg



DJ SERIES NEW!

PA POWER AMPLIFIERS

AVAILABLE APRIL 2013!

With the models of its DJ series, which represent a new design from the ground up, LD Systems is unveiling three straightforward power amps with absolutely impressive operational reliability, rugged construction, and outstanding value for money. The compact lightweights in 2HU rack format have output ratings of 150W to 400W with a 4-ohm load per channel and can be used flexibly in all mobile applications and permanent installations. This makes them an outstanding choice not only for DJs.

The DJ300, DJ500, and DJ800 model variants with the time-tested Class A/B design have a frequency range of 20Hz-20kHz with high dynamics and impulse fidelity. They incorporate a thoroughly professional set of features: the inputs are XLR and stereo TRS sockets that accept both balanced and unbalanced signals. Speakers can be connected via Speakon-compatible outputs and sturdy screw terminals that also accept banana plugs.

The LD Systems DJ power amps are protected against short circuiting, DC, overheating, and overloading, and have a power-on delay. A low-Noise fan keeps them cool. LEDs on the front panel between the easy-grip level controls clearly indicate function, clipping, activation of the protection circuit with various colours. The mains fuse is integrated in the IEC socket. The features of the DJ series are rounded out by recessed switches for bridge mode and ground lift to eliminate ground loop hum.

SPECIFICATIONS

Model name	LDDJ300	LDDJ500	LDDJ800
Output power @ 1 KHz			
4 Ω	2 x 150 W	2 x 250 W	2 x 400 W
8 Ω	2 x 100 W	2 x 150 W	2 x 240 W
Bridge 8 Ω	250 W	500 W	800 W
Frequency range:	20 Hz – 20 kHz	20 Hz – 20 kHz	20 Hz – 20 kHz
output circuitry:	Class A/B		
Protection:	Soft start, short circuit, DC, temperature, over current		
Connectors:	Input: XLR, 6,3 mm jack / output: SPKn, binding post		
Indicators:	Power, clip, protect		
Controls:	ON/ OFF, volume, mode (bridge/ stereo), ground lift		
Power supply:	AC ~ 230V / 50-60 Hz		
Dimensions (W x H x D):	482 x 88 x 298 mm		
Weight:	8,5 kg	9 kg	10,1 kg



DPA260 19" DSP CONTROLLER 6-CHANNEL

The LD DPA260 is a 6-channel 19" speaker processor for our VA4 and VA8 array systems. Software and presets available on our website!

SPECIFICATIONS

Model name:	LDDPA260
Type:	DSP controller (2 in / 6 out) for line array VA4, VA8, Stinger15HP
Description:	6-channel 19" speaker processor, 32bit DSP, 24bit AD/DA (48 kHz) converter
Inputs:	2 channels analog/digital, L + R, Noise gate, input and output matrix freely assignable, that means you can assign any input to any output and vice versa
Input EQ:	5 Band PEQ, low shelf and high shelf types available
Crossover range:	20 Hz - 20 kHz
outputs:	6 Channels, high/low pass filter, filtertype and slope available, 7 band PEQ, low shelf and high shelf types available, limiter with threshold, attack and release parameters
Delay:	Time or meter available, max. delay up to 848 ms
Phase invert function:	USB port, full programmable software included with 24 memory capacity for presets
Display:	2 x 24 character LCD with backlight
Switch mode power supply:	90 V - 250 V AC input range
Dimensions:	19" / 1U / 482 x 44.5 x 225 mm



DPA260RC

LDDPA260RC - Adapter USB 2.0 to RS485 for LDDPA260. This adapter allows the remote controlling of the LDDPA260 via multicore at the FOH.



DS2.1 19" DSP CONTROLLER

The LD DS2.1 is a universal 3-channel DSP controller for 2.1 loudspeaker systems with 24-bit processing and convenient front panel operation providing easy setup and high quality audio performance.

Designed for live sound and fixed applications the rack mountable unit offers extensive parameter control of its EQ, crossover, delay and limiter functions. The LD DS2.1 features a 3-band parametric EQ with adjustable Q and high shelf / low shelf selection. The crossover includes Butterworth, Bessel and Linkwitz-Riley filters with 6 dB to 24 dB slopes. Delay time is adjustable to a maximum of 12.5 ms for each of the three outputs and the limiter provides independent threshold and hold time setting for the L / R and subwoofer channels.

SPECIFICATIONS

Model name:	LDDS21
Type:	28 bit DSP controller (2 in / 3 out)
AD/DA converter:	24 bit, 48 kHz
DSP functions:	3 band PEQ, low shelf or high shelf types available for all channels, high / low pass filter, filter type and slope available, limiter with threshold and hold time parameters, mute function, up to 12.5 ms delay
Frequency range:	20 - 20,000 Hz
Inputs:	2 channels analog (L / R), balanced XLR
Outputs:	3 channels analog (L / R + Sub), balanced XLR
Display:	2 x 16 character LCD with backlight
Features:	USB port, full programmable software included, 6 user presets
Operating voltage:	90 V - 250 V AC, 50 - 60 Hz
Dimensions:	482 x 44.5 x 160 mm
Weight:	1,8 kg



X223 19" ACTIVE CROSSOVER

The LD X223 is a stereo 2 way / mono 3 way crossover in standard 19"/1U rack format. Its rugged construction, high quality and robust knobs as well as the integrated power unit are rarities in this price range. It provides a mono sub output, an adjustable crossover frequency for each channel, adjustable LF/HF and input gains, phase reverse controls, switchable 40 Hz High-Pass filters and symmetrical XLR In- and outputs. With the LD X223 you get a crossover fulfilling the professional standards and offering great quality and sound characteristics.

SPECIFICATIONS

Model name:	LDX223
Bandwidth:	20Hz to 20kHz, +0.5 dB
Frequency range:	<3 Hz to > 90kHz, +0/- 3dB
Dynamic range:	106dB
THD+Noise:	<0.004% at 40dB, 1kHz
Interchannel crosstalk:	<- 80dB, 20Hz to 20kHz
Inputs:	Female XLR
Max. input level:	+22dBu typical, balanced or unbalanced
outputs:	Male XLR
Max. output level:	>+21dBu balanced or unbalanced
Dimensions (W x H x D):	482 x 44.5 x 153 mm
Weight:	2,6 kg



EQ215 2 x 15-BAND GRAPHIC EQUALIZER

The LD EQ215 is a stereo 15 band graphic equalizer in standard 19"/1U rack format designed for professional live and studio applications. It offers the most common features such as 2/3 octave bands, 20 mm faders, a switchable 50 Hz low cut filter, a ± 12 dB input gain range and an EQ Bypass switch. The XLR and 6,3 mm jack Neutrik connectors provide flexibility and quality. The rugged construction of the unit (metal housing, high quality faders) will provide a long lasting and reliable operational life. The cost effective LD EQ215 gives you full control of your sound.

SPECIFICATIONS

Model name:	LDEQ215
Bandwidth:	20 Hz to 20 kHz, +0,5/-1 dB
Frequency range:	< 10 Hz to < 50 kHz, +0,5/-3dB
Dynamic range:	108 dB
Signal-to-Noise ratio:	90 dB
THD + Noise:	<0.004% at 4dBu, 1kHz
Interchannel crosstalk:	<- 80 dB, 20 Hz to 20 kHz
Inputs:	jack 6,3 mm, XLR female
outputs:	jack 6,3 mm, XLR male
Max. input level:	>+21 dBu balanced or unbalanced
Dimensions (W x H x D):	482 x 44,5 x 153 mm
Weight:	2.7 kg



CDMP1 MULTIMEDIA PLAYER CD, USB, SD, MP3

This CD / MP3 player is suitable for various PA applications (e.g. in theatres, pubs etc.) and offers the standard features such as continuous repeat, random, MP3 from USB storage media and SD memory cards. It is compatible with audio CDs, audio CD-R and MP3 CDs.

SPECIFICATIONS

Model name:	LDMP1
Installation dimension:	19"/1 U
Components:	Audio/MP3 CD-player (12 cm disc), USB memory stick input, SD memory card input
Supported formats:	Audio/MP3 CD, MP3-file
outputs:	2x Stereo analog
output connectors:	RCA, XLR balanced
Frequency range:	20 - 20.000 Hz
Display:	backlit, multifunctional
Controls:	On/Off, direct access 1 - 0, CD eject, play/break, stop, forerun, Flyback, folder -, folder+, +10, mute, prog, CD/USB/SD, play mode, pitch-, pitch+, voltage selector switch (115 V AC / 230 V AC) output: XLR male / RCA
Dimensions (W x H x D):	482 x 44.5 x 270 mm
Weight:	3.2 kg

including
Remote Control
& Cable



the mixing solution!

LAX SERIES

- State-of-the-art Micpreamp with high headroom and excellent dynamic range
- 48V phantom power for high-end condenser studio-microphones or stage-microphones
- Exceptionally musical sounding equalizer for a bright and warm sound
- High-quality components and solid construction ensure long life



LAX502

MIXER 5 CHANNEL

Model name: LDLAX502

FEATURES:

- 1 Mic/Line input (XLR and 6.3mm Jack), 2-band EQ
- 48 V phantom power
- 2 stereo line inputs
- Stereo tape In/Out
- Headphones output



LAX602

MIXER 5 CHANNEL

Model name: LDLAX602

FEATURES:

- 2 Mic/Line input (XLR and 6.3mm Jack), 3-band EQ
- 48 V phantom power
- 2 stereo line inputs, 3-Band EQ
- FX send and return
- Stereo tape In/Out
- Stereo control room output
- Headphones output



LAX1002D

MIXER 10 CHANNEL WITH DSP

Model name: LDLAX1002D

FEATURES:

- 2 Mic/Line input (XLR and 6.3mm Jack), 3-band EQ, low cut
- 48 V phantom power
- 4 stereo line inputs
- Digital effects processor
- FX send
- Stereo tape In/Out
- Stereo control room output
- Headphones output



LAX1202D

MIXER 12 CHANNEL WITH DSP

Model name: LDLAX1202D

FEATURES:

- 4 Mic/Line input (XLR and 6.3mm Jack), 3-band EQ, low cut
- 48 V phantom power
- 4 stereo line inputs
- Digital effects processor
- FX send
- Stereo tape In/Out
- Stereo control room output
- Headphones output



LAX6D MIXER 6 CHANNEL WITH DSP

Model name: LDLAX6D

FEATURES:

- 2 Mic/Line input (XLR and 6.3mm jack), 3-band EQ
- 48 V phantom power
- 2 Stereo line inputs
- Digital effects processor
- AUX/Effect send
- Stereo AUX return
- Stereo tape In/Out
- Unbalanced stereo main output
- Stereo control room output
- Headphones output



LAX8D MIXER 8 CHANNEL WITH DSP

Model name: LDLAX8D

FEATURES:

- 4 Mic/Line input (XLR and 6.3mm jack), 3-band EQ, low cut
- 48 V phantom power
- 2 Stereo line inputs
- Digital effects processor
- 2 AUX/Effect send
- 2 stereo AUX return
- Stereo tape In/Out
- Balanced stereo main output
- Unbalanced stereo main output
- Stereo control room output
- Headphones output



LAX12D USB MIXER 10 CHANNEL WITH DSP & USB MP3 PLAYER

Model name: LDLAX12DUSB

FEATURES:

- 4 Mic/Line input (XLR and 6.3mm jack), 3-band EQ, low cut, semi-parametric mids
- 48 V phantom power
- 4 stereo line inputs
- Digital effects processor
- 2 AUX/Effect send
- 2 Stereo AUX return
- Stereo tape In/Out
- Balanced stereo main output
- Unbalanced stereo main output
- Stereo control room output
- Stereo alt output



INCL. MP3 USB PLAYER



LAX16D MIXER 16 CHANNEL WITH DSP

Model name: LDLAX16D

FEATURES:

- 8 Mic/Line input (XLR and 6.3mm jack), 3-band EQ, low cut, semi-parametric mids
- 48 V phantom power
- 4 stereo line inputs
- Digital effects processor
- 2 AUX/Effect send
- 2 Stereo AUX return
- Stereo tape In/Out
- Balanced stereo main output
- Unbalanced stereo main output
- Stereo control room output
- Stereo alt output
- Headphones output



WIN42

PROFESSIONAL UHF WIRELESS SYSTEM

Due to the changed situation in the area of general frequency allocations for the operation of wireless systems starting in 2015, LD Systems decided to develop the even more flexible and highly professional WIN 42 wireless system. With its outstanding audio quality, the WIN 42 UHF offers numerous potential applications for live performances and permanent installations. The working UHF frequency range is 734 MHz to 776 MHz.

Both the handheld microphone and belt pack transmitter versions provide any vocalist, speaker or instrumentalist optimal transmission of his or her performance with the greatest possible freedom of movement. By means of a threaded connection, the microphone head of the handheld transmitter can be swapped quickly and easily (dynamic and condenser capsules). The system has more than 1680 freely selectable frequencies and thus makes it possible to operate up to 20 systems simultaneously. The "channel scan" function assists you in finding and tuning to a transmission frequency without interference. This frequency is then transmitted simply and conveniently from receiver to transmitter via an infrared link. The half-rack True Diversity receiver houses numerous system features, for example, a transmitter battery status indicator on the receiver display, an indicator for the (transmitter) "Mute On/Off" function on the receiver display, 4 EQ presets that are switchable at the receiver, and much more. A highly professional system embodying the outstanding value-for-money that is so typical for LD Systems.

- UHF frequency range 734 - 776 MHz
- 1680 frequencies
- 20 groups with 577 fixed frequencies
- user bank with 1680 freely selectable frequencies in 25 kHz increments

Receiver display:

- 225 addresses selectable
- channel scan
- true diversity receiver

- interchangeable microphone capsules (dynamic / condenser)
- volume
- radio frequency level antenna A/B
- audio level
- battery status of transmitter
- transmitter sync via infrared
- squelch setting in menu
- 4 equalizer presets in menu
- naming template in menu
- 10 sets storable

- lockable menu
- balanced XLR output, unbalanced 6.3 mm jack
- adjustable output
- adjustable headphone output

Transmitter display:

- battery status
- RF power
- AF power
- additional system information

SPECIFICATIONS WIN42 RECEIVER

Model name:	LDWIN42R
Channels:	1680 (20 groups + 1 user group)
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
THD:	< 1%
Signal/Noise ratio:	> 100 dB
Audio output:	XLR balanced / ¼" jack unbalanced
Power supply:	external power adapter 13,5 V DC, 500 mA
Dimensions (W x H x D):	212 x 44 x 184 mm
Weight:	970 g

SPECIFICATIONS HANDHELD TRANSMITTER

Model name:	LDWIN42MD
Channels:	1680
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Power requirements:	2 x AA size batteries (included)
Operating time:	>13 h with alkaline batteries
Dimensions (L x Ø):	255 x 52 mm
Weight:	400 g (without batteries)

SPECIFICATIONS BELTPACK

Model name:	LDWIN42BP
Channels:	1680
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Input connector:	mini XLR 3-pole (phantom power for headset)
Power requirements:	2 x AA size batteries
Operating time:	>14 h with alkaline batteries (included)
Dimensions (W x H x D):	87 x 25 x 63 mm
Weight:	100 g (without batteries)



LDWIN42BPH
(RECEIVER + BELTPACK + HEADSET)



LDWIN42HHD
(RECEIVER + DYNAMIC HANDHELD MICROPHONE)



LDWIN42HHC
(RECEIVER + CONDENSER HANDHELD MICROPHONE)



LDWIN42BPL
(RECEIVER + BELTPACK + LAVALIERE MICROPHONE)



LDWIN42BPW
(RECEIVER + BELTPACK + WIND MICROPHONE)



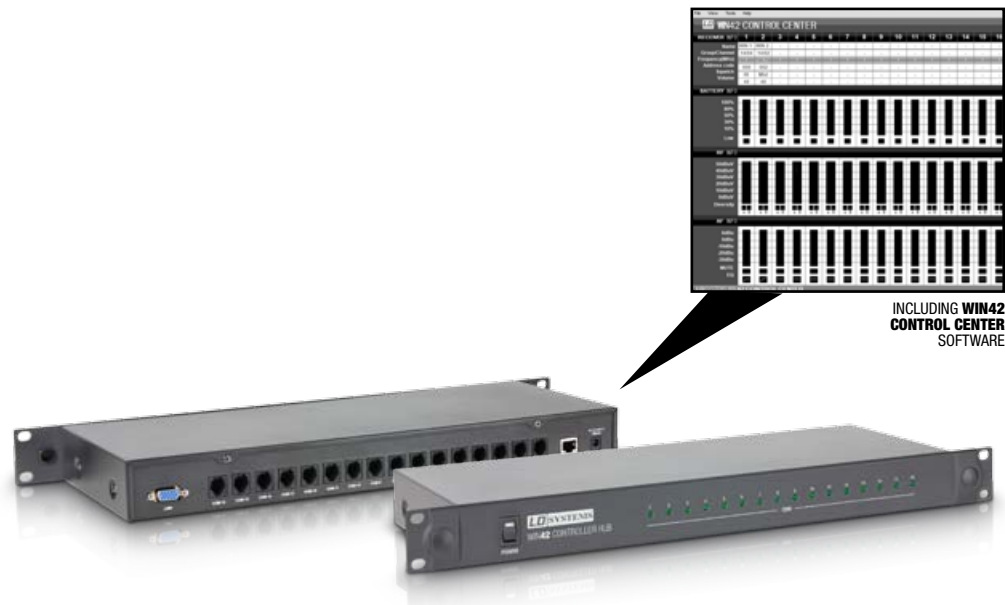
ALSO AVAILABLE AS DOUBLE SYSTEM.
Features equivalent as WIN42 single system.



LDWIN42BPH2
(RECEIVER + 2 x BELTPACK +
2 x HEADSET)

LDWIN42HHD2
(RECEIVER + 2 x DYNAMIC
HANDHELD MICROPHONE)

LDWIN42HHC2
(RECEIVER + 2 x CONDENSER
HANDHELD MICROPHONE)



INCLUDING **WIN42
CONTROL CENTER**
SOFTWARE

WIN42HUB **NEW!**

The LD Systems WIN42HUB is a software-based 19" controller for WIN42 wireless systems and Windows. The included WIN42 CONTROL CENTER software uses an "environment scan" to check the location for unused frequencies which can be assigned to the connected receivers, saved, and retrieved again. This makes it possible to control and monitor up to 16 WIN42 wireless systems. Frequency, signal strength, audio level, battery status, and additional data of the connected WIN42 receivers are displayed in clearly-structured graphs.

The package includes the software, a USB/RS485 converter for connecting the WIN42HUB to a PC or laptop, and all necessary cables.

SPECIFICATIONS:

Model name:	LDWIN42HUB
Type:	software-based
Number of supported wireless systems:	16
Indicators:	16 x LED activation indicator
Operating voltage:	9 V - 18 V DC, 300 mA
Dimensions (W x H x D):	482 x 44 x 160 mm
Weight:	2.5 kg
Accessories (included):	16 x RJ11 cable, power adapter, RJ45 cable, software CD, USB to RS485 converter, USB cable

WS1G8MD

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LD WS1G8MD
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Pattern:	Cardioid
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2x 1,5V AA LR6 batteries (included)
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 x 52 mm
Weight:	220 g (without batteries)

WS1G8BP

- Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR
- Convenient handling and channel setting via ASC
 - LCD display of channel, group and battery status
 - 3 level settings for guitar and microphone operation
 - 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LD WS1G8BP
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2x 1,5V AA LR6 batteries (included)
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 x 90 x 24 mm
Weight:	85 g (without batteries)

WS1G8R

SPECIFICATIONS

Model name:	LD WS1G8R
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
T.H.D	< 0,6 %
Audio outputs:	XLR Balanced -12dBV (600Ohm) / 6,3mm jack -18dBV (3kOhm)
Power requirements:	12-18 V DC, external supply
Dimensions (W x H x D):	212 x 44 x 160 mm
Weight:	900 g

ALSO AVAILABLE AS DOUBLE WIRELESS SETS:

DOUBLE SYSTEM DYNAMIC HANDHELD
LDWS1G8HHD2

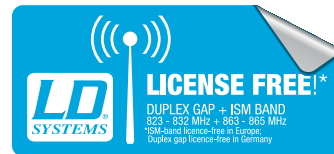
DOUBLE SYSTEM HEADSET
LDWS1G8BPH2



WS1G8 NEW! 192 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS1G8 is an advanced LICENSE FREE* 192 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in the frequency range from 1785-1800 MHz. The WS1G8 is shipped in various configurations. You can choose between dynamic handheld microphones, a beltpack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handheld and belt pack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning (ASC) and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS1G8 systems come with a rugged ABS plastic carrying case.





SET LDWS1000G2BPH2
incl. 2 x LDWS1000BP & 2 x LDWS100MH1

SET LDWS1000G2HHD2
incl. 2 x LDWS1000G2MD

WS1000G² NEW!

96 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS 1000 G2 is an advanced LICENSE FREE 96 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in both the 823 – 832 and 863 – 865 MHz bands.

The WS 1000 G2 ships in various configurations. You can choose between dynamic or condenser handheld microphones, a belt-pack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handhelds and belt-pack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS 1000 G2 systems come with a rugged ABS plastic carrying case.

WS1000G²MD

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000G2MD
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Pattern:	Cardioid
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW EIRP
Power requirements:	2 AA LR6 batteries
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 mm x 35 - 52 mm
Weight:	220 g (without batteries)

WS1000G²BP

Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR

- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 3 level settings for guitar and microphone operation
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000G2BP
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW EIRP
Power requirements:	2 AA LR6 batteries
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 mm x 90 mm x 24 mm
Weight:	85 g (without batteries)

WS1000G²R

SPECIFICATIONS

Model name:	LDWS1000G2R
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D	< 1 %
Signal/Noise ratio:	> 100 dB
Audio outputs:	XLR Balanced -12dBv (600ohm) / 6,3mm jack -18dBv (3kOhm)
Power requirements:	12-18 V DC at 400 mA, external supply
Dimensions (W x H x D):	212 mm x 44 mm x 160 mm
Weight:	900 g





SET LDWS1000BP2X
incl. 2 x LDWS1000BPX & 2 x LDWS100MH1

SET LDWS1000HHD2X
incl. 2 x LDWS1000MDX

WS1000X

160 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS 1000 X is an advanced 160 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in the 838 – 865 MHz band.

The WS 1000 X ships in various configurations. You can choose between dynamic or condenser handheld microphones, a belt-pack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handhelds and belt-pack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS 1000 X systems come with a rugged ABS plastic carrying case.

WS1000MDX

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000MDX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Pattern:	Cardioid
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2 "AA" size
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 mm x 35 - 52 mm
Weight:	220 g (without batteries)

WS1000BPX

Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR

- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 3 level settings for guitar and microphone operation
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000BPX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2 "AA" size
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 mm x 90 mm x 24 mm
Weight:	85 g (without batteries)

WS1000RX

SPECIFICATIONS

Model name:	LDWS1000RX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D.	< 1 %
Signal/Noise ratio:	> 100 dB
Audio outputs:	XLR Balanced -12dBv (600ohm) / 6,3mm jack -18dBv (3kOhm)
Power requirements:	12-18 V DC at 400 mA, external supply
Dimensions (W x H x D):	212 mm x 44 mm x 160 mm
Weight:	900 g



HANDHELD
LDWS1000HCX
LDWS1000HDX

HEADSET LDWS1000BPX

LAVALIERE LDWS1000BPLX

WIND MICROPHONE
LDWS1000BPWX

GUITAR LDWS1000BPGX

WIRELESS SYSTEMS ACCESSORIES



WS100ML

Lavalier Microphone for
WS1000BP Belt Pack

- Model name: LDWS100ML
- Uni-directional electret condenser lavalier microphone
- Frequency range: 20 Hz - 20 kHz



WS100GC

Guitar Cable for WS1000BP Belt Pack

- Model name: LDWS100GC
- Length: 0.9 m
- 3 Pol mini-XLR / 6.3 mm jack



WS100MH1

Headset Microphone for
WS1000BP Belt Pack

- Model name: LDWS100MH1
- Uni-directional electret condenser headset microphone
- Frequency range: 20 Hz - 20 kHz



WS100MH3

Skin coloured lightweight headset
microphone with excellent wearing
comfort onto 3-pole Mini XLR

- Model name: LDWS100MH3
- Typ: condenser, uni-directional
- Frequency range: 70 Hz - 16 kHz



WS1000MW

Wind / percussion instrument clip microphone

Linear frequency range, natural sound reproduction, lightweight, easy and stable positioning thanks to the gooseneck, very good impact sound isolation thanks to elastic capsule fastening, strong clamp providing good fastening without causing any damage to the instrument thanks to the soft rubber inner surface of the clips. Phantom Power Adapter LDPHA also available separately.



WS100RK

19" rack kit for WS1000X, WS1000G2 and WS1G8



NEW!

HSAE1

**PROFESSIONAL AEROBICS HEADSET
MICROPHONE WATER RESISTANT**

For details see page 124.



WS100DA

Optimised directional antenna specially for our Win42, WS1000G2 and WS1000X Series UHF Wireless Systems. Recommended with our antenna splitter WS100AD to set up multi systems.

SPECIFICATIONS:

Model name:	LDWS100DA
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	7 dBi
Bandwidth:	400 MHz
Dimensions:	290 mm x 260 mm x 3 mm

Suitable TNC cable 10 m / Article No. LDWS100TNC10



WS100AB

Antenna booster recommended together with WS100DA if you have long distance antenna ways.

SPECIFICATIONS:

Model name:	LDWS100AB
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	13 dB
Bandwidth:	400 MHz
Power requirements:	DC 9 V
Dimensions:	35 mm x 65 mm x 75 mm

WIN42AD

19" / 1 U antenna for 4 single or double systems to set up a multi system.
We recommend to use only with WS100DA directional antenna.

SPECIFICATIONS:

Model name:	LDWIN42AD
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	3 dB
Bandwidth:	400 MHz
Power requirements:	DC 12 - 18 V 3000 mA (power supply included)
Dimensions (W x H x D):	483 x 44 x 175 mm
Weight:	2 kg



WSEC016

UHF PLL DIVERSITY

WIRELESS SYSTEM 16 CHN

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category.

- UHF frequency range 863 – 865 MHz
- Available as handheld, headset or lavalier
- ASC infrared frequency sync
- AF LED bar indicators
- Belt pack transmitter with sensitivity switch and battery status indicator
- Dynamic handheld microphone with soft-touch surface and ASC infrared frequency sync
- Long battery life
- Up to 3 systems simultaneously

AVAILABLE SETS:



LDWSEC016BPH
(RECEIVER + BELTPACK + HEADSET)



LDWSEC016HHD
(RECEIVER + DYNAMIC HANDHELD MICROPHONE)



LDWSEC016BPL
(RECEIVER + BELTPACK + LAVALIERE MICROPHONE)



SPECIFICATIONS

Model name:	LDWSEC016R
Channels:	16
Frequency range:	863.000 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D.:	< 1 %
Audio outputs:	6,3 mm jack / XLR
Dimensions (W x H x D):	235 mm x 44 mm x 118 mm
Weight:	400 g



ECO2

1 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category.

- 1 channel UHF PLL diversity wireless system, available as vocal, guitar or headset
- Handheld dynamic mic with sensitivity switch
- Long battery life

SET WITH HEADSET

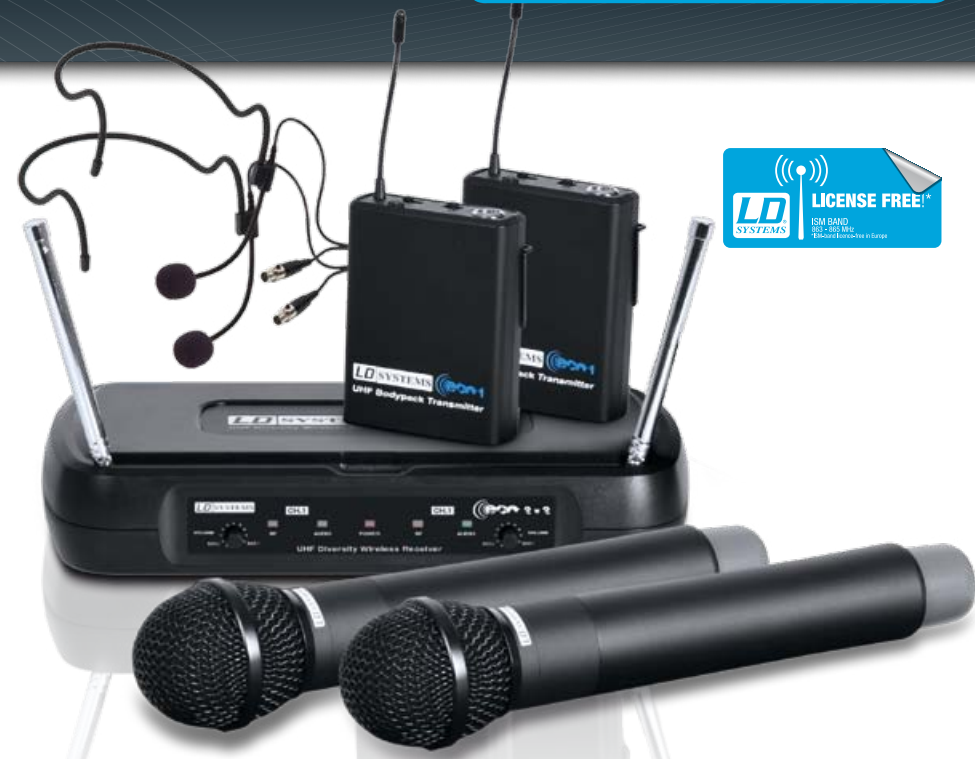
LDWSEC02BPH1: 863.100 MHz
LDWSEC02BPH2: 863.900 MHz
LDWSEC02BPH3: 864.500 MHz
LDWSEC02BPH4: 864.900 MHz

SET WITH HANDHELD

LDWSEC02HHD1: 863.100 MHz
LDWSEC02HHD2: 863.900 MHz
LDWSEC02HHD3: 864.500 MHz
LDWSEC02HHD4: 864.900 MHz

SET WITH GUITAR CABLE

LDWSEC02BPG1: 863.100 MHz
LDWSEC02BPG2: 863.900 MHz
LDWSEC02BPG3: 864.500 MHz
LDWSEC02BPG4: 864.900 MHz



ECO2x2

2 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category. The frequency band of 863 – 865 MHz permits operation in most EU countries with no registration or licensing required.

- 2 channel UHF PLL diversity wireless system
- Available as vocal or headset
- Handheld dynamic mic with sensitivity switch
- Belt pack with 3 gain settings and mute function
- Long battery life
- Great operating distance (50 m open field)

SET WITH HEADSET

LDWSEC02X2BPH1: 863.100 MHz and 864.500 MHz
LDWSEC02X2BPH2: 863.900 MHz and 864.900 MHz

SET WITH HANDHELD

LDWSEC02X2HHD1: 863.100 MHz and 864.500 MHz
LDWSEC02X2HHD2: 863.900 MHz and 864.900 MHz





MEI1000G² NEW!

IN-EAR MONITORING SYSTEM

The LD Systems MEI 1000 G2 is an advanced LICENSE FREE 96 channel UHF in-ear monitoring system delivering natural sound with extended dynamics and low crosstalk in both the 823 – 832 and 863 – 865 MHz frequency bands.

Switchable mono, stereo and focus modes select the perfect monitoring applications while adjustable EQ and limiter functions have been integrated for consistent sound reproduction from 60Hz – 16kHz with a high S/N ratio and low THD.

The earphones have been designed for superior wearing comfort, and a multifunction receiver display provides all the relevant system information. Operation time exceeds 12h with high quality AA batteries. A 19" rackmount kit and a rugged ABS plastic carrying case complete the MEI 1000 G2 package.

- 3 operating modes:
FOCUS mode / STEREO mode / MONO mode
- Low crosstalk
- Clear and dynamic sound
- Long battery runtime
- L/R adjustable

- Sound equalizer & limiter function
- 96 channels in the UHF band
- Ergonomic earphones
- New multifunction display on the receiver
- Menu lock function
- Incl. 19" rack mount kit

SPECIFICATIONS MEI 1000G2 T TRANSMITTER

Model name:	LDMEI1000G2T
Channels:	96 (8 groups, 12 ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 - 16000 Hz
Modulation:	wideband FM stereo
THD:	< 1 %
Signal/Noise ratio:	85 dB(A)
Switching bandwidth:	11 MHz
Peak deviation:	+/- 40 KHz
RF output power:	10 mW
Input voltage range:	20 dBV max
Power supply:	12 - 18 V DC / 300 mA
Dimensions:	200 mm x 96 mm x 44 mm
Weight:	900 g

SPECIFICATIONS MEI 1000G2 BPR RECEIVER

Model name:	LD MEI1000G2BPR
Channels:	96 (8 groups, 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 - 16000 Hz
Modulation:	FM stereo
THD:	< 1 %
Signal/Noise ratio:	> 80 dB
Headphone output:	3.5 mm Stereo jack
Headphone output power:	100 mW
Power requirements:	2 x 1,5 V AA batteries
Battery life:	>12 hours, depending on batteries
Dimensions:	90 mm x 65 mm x 24 mm
Weight:	90 g



MEI1000X IN-EAR MONITORING SYSTEM



The LD Systems MEI 1000 X is an advanced 160 channel UHF in-ear monitoring system delivering natural sound with extended dynamics and low crosstalk in the 838 – 865 MHz frequency band.

Switchable mono, stereo and focus modes select the perfect monitoring applications while adjustable EQ and limiter functions have been integrated for consistent sound reproduction from 60Hz – 16 kHz with a high S/N ratio and low THD.

The earphones have been designed for superior wearing comfort, and a multifunction receiver display provides all the relevant system information. Operation time exceeds 12h with high quality AA batteries. A 19" rackmount kit and a rugged ABS plastic carrying case complete the MEI 1000 X package.

- 3 operating modes:
FOCUS mode / STEREO mode / MONO mode
- Low crosstalk
- Clear and dynamic sound
- Long battery runtime
- L/R adjustable

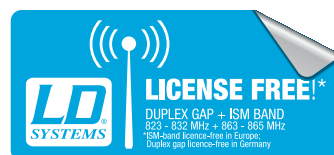
- Sound equalizer & limiter function
- 160 channels in the UHF band
- Ergonomic earphones
- New multifunction display on the receiver
- Menu lock function
- Incl. 19" rack mount kit

SPECIFICATIONS MEI 1000 T TRANSMITTER

Model name:	LDMEI1000TX
Channels:	160 (10 groups, 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Audio frequency range:	60 - 16000 Hz
Modulation:	wideband FM stereo
THD:	< 1 %
Signal/Noise ratio:	85 dB(A)
Switching bandwidth:	26.150 MHz
Peak deviation:	+/- 40 KHz
RF output power:	10 mW
Power supply:	12 - 18 V DC / 300 mA
Dimensions:	200 mm x 96 mm x 44 mm
Weight:	900 g
Accessories:	LDMEI100RK rack kit

SPECIFICATIONS MEI 1000 BPR RECEIVER

Model name:	LD MEI1000BPRX
Channels:	160 (10 groups, 16ch/group)
Frequency range:	838.850 to 865.000 MHz
Audio frequency range:	60 - 16000 Hz
Modulation:	FM Stereo
THD:	< 1 %
Signal/Noise ratio:	> 80 dB
Headphone output:	3.5 mm Stereo jack
Headphone output power:	100 mW
Power requirements:	2 x 1.5 V AA Batteries
Battery life:	>12 hours, depending on batteries
Dimensions:	90 mm x 65 mm x 24 mm
Weight:	90 g



MEI100G² **NEW!**

IN-EAR MONITORING SYSTEM

The LD Systems MEI 100 G2 is an advanced LICENSE FREE 96 channel UHF in-ear monitoring system delivering outstanding sound with extended dynamics in both the 823 – 832 and 863 – 865 MHz bands.

Switchable mono and stereo modes select the perfect monitoring setting for live music, theatre and voice applications while an input limiter has been integrated for consistent, distortion-free sound reproduction from 80 Hz – 15 kHz with a high S/N ratio and low THD.

Both transmitter and receiver feature multifunction displays providing all the important system data. Operation time exceeds 10h with high quality batteries. The MEI 100 G2 package includes high quality earphones, a 19" rackmount kit and a rugged ABS plastic carrying case.

SPECIFICATIONS MEI100G2 T TRANSMITTER

Model name:	LDMEI100G2T
Frequency range:	823 – 832 and 863 – 865 MHz
RF output power:	10 mW
Gain adjustment range:	+ 20 dB
Max. audio input level:	+ 14 dBu
Front panel controls:	Power, set, up & down, headphone vol. control
Rear panel controls:	Input level left/right, stereo/mono switch
Input:	2 x XLR / 6.3 mm combo balanced
Dimensions (W x H x D):	212 mm x 90 mm x 38 mm
Weight:	1 kg
Power requirements:	12 V to 18 V at 300 mA, external power supply

SPECIFICATIONS MEI100G2 BPR RECEIVER

Model name:	LDMEI100G2BPR
Frequency range:	823 – 832 and 863 – 865 MHz
S/N ratio:	> 95 dB
THD:	< 1 %
Audio output level:	100 mW
Audio range:	80 Hz - 15 kHz +/- 3 dB
Dynamic range:	> 90 dB, A-weighted
Dimensions (W x H x D):	95 mm x 65 mm x 25 mm
Weight:	100 g
Power requirements:	2 x 1.5 V AA batteries
Battery life:	> 10 hours



MEI100X IN-EAR MONITORING SYSTEM



The LD Systems MEI 100 X is an advanced 160 channel UHF in-ear monitoring system delivering outstanding sound with extended dynamics in the 838 - 865 MHz band. Switchable mono and stereo modes select the perfect monitoring setting for live music, theatre and voice applications while an input limiter has been integrated for consistent, distortion-free sound reproduction from 80 Hz – 17 kHz with a high S/N ratio and low THD. Both transmitter and receiver feature multifunction displays providing all the important system data. Operation time exceeds 8h with high quality batteries. The MEI 100 X package includes high quality earphones, a 19" rackmount kit and a rugged ABS plastic carrying case.

SPECIFICATIONS MEI 100 T TRANSMITTER

Model name:	LDMEI100TX
Frequency range:	838.850 MHz - 865.000 MHz
RF output power:	10 mW
Gain adjustment range:	+ 20 dB
Max. audio input level:	+ 14 dBu
Front panel controls:	Power, set, up & down, headphone vol. control
Rear panel controls:	Input level left/right, stereo/mono switch
Input:	2 x XLR / 6.3 mm jack combo balanced
Dimensions (W x H x D):	212 mm x 90 mm x 38 mm
Weight:	1 kg
Power requirements:	12 V to 18 V at 300 mA, external power supply

SPECIFICATIONS MEI 100 BPR RECEIVER

Model name:	LDMEI100BPRX
Frequency range:	838.850 MHz - 865.000 MHz
S/N ratio:	> 95 dB
THD:	< 1 %
Audio output level:	100 mW
Audio range:	80 Hz - 18 kHz +/- 3 dB
Dynamic range:	> 90 dB, A-weighted
Dimensions (W x H x D):	95 mm x 65 mm x 25 mm
Weight:	100 g
Power requirements:	2 x 1.5 V AA batteries
Battery life:	> 8 hours



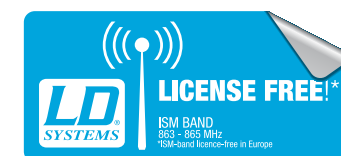
MEIONE IN-EAR MONITORING SYSTEM

LD Systems MEI ONE - The perfect In-Ear Monitoring Starter Set.

The MEI ONE extends our range of In-Ear systems with a set at an amazing low price. Now really everyone can afford the comfort of an In-Ear Monitoring system. The MEI ONE is available in 3 different fixed frequencies, which can operate simultaneously and free of interference. It couldn't be easier! You may also use one transmitter with an unlimited number of belt pack receivers - the whole band hears the same!

An LD Systems MEI ONE System is composed of:

- One 9.5" transmitter with 2 x XLR / 6.3 mm Jack (combo) inputs and level controls, level meter left / right, mono / stereo switch, adjustable headphone control, and detachable antenna
- One belt pack receiver with belt clip, adjustable 3.5 mm headphone control, RF receiver LED, antenna and battery compartment for 2 AA batteries
- Accessories included: stereo In-Ear phones, AC adapter, 19" rack-mounts and carrying case
- 3 different sets available: LDMEIONE1: 863.700 MHz / LDMEIONE2: 864.100 MHz / LDMEIONE3: 864.900 MHz



SPECIFICATIONS MEI ONE T TRANSMITTER

Model name:	LDMEIONET
Fixed Frequencies:	LDMEIONE1T: 863.700 MHz LDMEIONE2T: 864.100 MHz LDMEIONE3T: 864.900 MHz
RF output power:	10 mW
Gain adjustment range:	+ 40 dB
Max. audio input level:	+ 6 dBV
Front panel controls:	Power, headphone vol. control
Rear panel controls:	Input level left/right, stereo/mono switch
Input:	2 x XLR / 6.3 mm Jack (combo)
Dimensions (W x H x D):	212 x 38 x 96 mm
Weight:	1 kg
Power requirements:	12 - 18 V DC, 300 mA external power supply

SPECIFICATIONS MEI ONE BPR RECEIVER

Model name:	LDMEIONE BPR
Fixed Frequencies:	LDMEIONE1BPR: 863.700 MHz LDMEIONE2BPR: 864.100 MHz LDMEIONE3BPR: 864.900 MHz
THD:	< 1 %
Audio output level:	100 mW
Audio range:	80 - 16.000 Hz
Dynamic range:	> 90 dB, A-weighted
Dimensions (W x H x D):	95 x 65 x 25 mm
Weight:	100 g
Power requirements:	2 x 1.5 V AA batteries
Battery life:	> 5 hours



D1013CUSB

USB STUDIO CONDENSER MICROPHONE

The D1013CUSB is a universal condenser microphone with USB connector, which does not need any drivers. It is compatible with both Windows and MAC OS X. This microphone features a cardioid pickup pattern and a wide frequency range (30 Hz - 18.000 Hz), making it suitable for nearly all sound sources. The clear and natural sound of the D1013CUSB makes this microphone perfect for use in podcast recording situations, multimedia presentations and many other applications. Low self Noise without ambient Noise and the high output level underscore the high quality of this microphone. Package includes: D1013CUSB microphone, shock mount, zip bag, USB cable.

Recommended accessories (optional): pop killer D914, microphone screen LDRF1.

SPECIFICATIONS

Model name:	D1013CUSB
Type:	USB condenser microphone
Pattern:	cardioid
Frequency range:	30 Hz – 18.000 Hz
Max. SPL:	140 dB (at 1 kHz < 1% THD)
Connector:	USB connector
Power requirement:	USB power
Dimensions:	55 x 180 mm
Weight:	385 g
Accessories included:	shock mount, zip bag, USB-cable



DVOX **NEW!**

STUDIO CONDENSER MICROPHONE

The LD Systems DVOX is a high-quality FET large diaphragm condenser microphone for vocals and instruments. The transformerless design, the wide frequency range of 20Hz – 20kHz, and low self Noise ensure a natural sound with presence. The permanent cardioid characteristic reduces pickup of sounds from the side and the rear. The DVOX handles even extreme levels of up to 129dB with maximum dynamics. Because of this, it is not only suitable as a vocal microphone, but is also an outstanding choice for micing acoustic instruments, drums, and brass instruments or as a room microphone. An unobtrusive blue lamp in the body of the microphone indicates when the necessary +48V phantom power is connected. It comes complete with a microphone shock mount for eliminating footfall Noise. Its special design makes it possible to position the pop filter very close to the microphone.

The LD Systems DVOX comes in an aluminium case complete with microphone shock mount and windscreen.

SPECIFICATIONS

Model name:	DVOX
Type:	condenser microphone
Pattern:	cardioid
Frequency range:	20 Hz – 20.000 Hz
Max. SPL:	129 dB (at 1 kHz < 1% THD)
Connector:	XLR 3-pin
Phantom power requirement:	48 V
Dimensions:	58 x 163 mm
Weight:	630 g
Accessories included:	shock mount, case, windscreen



D1USB

DYNAMIC MICROPHONE WITH USB

The D1USB is a universal dynamic microphone with USB connector, which does not need any additional drivers. This microphone features a cardioid pickup pattern and a wide frequency range (50 Hz - 16.000 Hz), making it suitable for nearly all sound sources. The clear and natural sound of the D1USB makes this microphone perfect for use in podcast recording situations, multimedia presentations and many other applications.

- USB connector for directly connection to the PC
- No additional driver necessary
- Compatible to XP, Vista, WIN7, WIN8 and Mac OSX
- Equipped with a high quality analog/ digital converter
- Integrated audio-interface with headphones output
- Adjustable volume for the headphone output

SPECIFICATIONS

Model name:	D1USB
Type / Polar pattern:	dynamic / cardioid
Frequency range:	50 – 16.000 Hz
Rated impedance (XLR):	600 ohms
Connector:	XLR and USB
Phones out:	3,5 mm jack stereo
Dimensions (L x Ø):	195 x 48 mm
Weight:	435 g
Accessories included:	Bag, clamp, USB cable 3m, tripod stand



D1020

DYNAMIC VOCAL MICROPHONE WITH SWITCH

This professional vocal microphone is unrivalled in its price class and need not shy any comparison, even with much more expensive microphones. Its precise and powerful sound makes vocals cut through the band and helps to spare the singers voice. The highly effective capsule shock-mount makes this microphone largely immune to handling Noise and its polar pattern provides optimal feedback cancellation. The surface of the D1020 is specially coated so that it feels good in the hand and it is also equipped with a low Noise on-/off-switch. These professional features and its outstanding value for money make this microphone the number one choice for female and male singers.

SPECIFICATIONS

Model name:	D1020
Type:	Dynamic
Pattern:	Hyper cardioid
Frequency range:	50 Hz – 16.000 Hz
Rated impedance:	370 Ω
Max. SPL:	145 dB
Connector:	3-Pin XLR
Dimensions (L x Ø):	190 mm x 49 mm
Weight:	280 g
Accessories included:	Bag, clamp, 3/8" to 5/8" adapter



D1011

CONDENSER VOCAL MICROPHONE

Condenser microphone without switch, incl. mount and plastic box, very clean sound, ideal for vocal and acoustic guitar miking, requires phantom power between 9 V - 52 V.

SPECIFICATIONS

Model name:	D1011
Type:	Condenser
Pattern:	Super cardioid
Frequency range:	50 Hz - 16000 Hz
Rated impedance:	200 Ω
Max. SPL:	136 dB
Dimension:	45 mm x 180 mm
Weight:	240 g



D1105

DYNAMIC VOCAL MICROPHONE

The D1105 is our dynamic handheld microphone with a hypercardioid polar pattern, for demanding soloists. The attractive design, switch recessed in the shaft, sturdy headgrille, excellent frequency range and high SPL are features which make this an ideal soloist microphone for everyday stage use.

SPECIFICATIONS

Model name:	D1105
Type:	Dynamic
Pattern:	Hyper cardioid
Frequency range:	50 Hz - 16000 Hz
Rated impedance:	600 Ω
Max. SPL:	144 dB
Connector:	3-Pin XLR
Dimension:	50 mm x 180 mm
Weight:	345 g
Accessories included:	Bag, clamp

MICSET1

MICROPHONE SET WITH MICROPHONE, STAND, CABLE AND CLAMP

This bundle consists of all the basic components a vocalist needs. The set contains a Stage-suitable microphone with a carrying bag, a sturdy microphone stand with clamp and a 5m XLR microphone cable.

Dynamic handheld microphone with a hyper cardioid polar pattern, designed for tough stage applications. Its sturdy head grille, high resistance to feedback, lockable switch and wide frequency range make this microphone a suitable tool for every vocal soloist.

SPECIFICATIONS

Model name:	LDMICSET1
Type:	Dynamic
Pattern:	Hyper cardioid
Frequency range:	60 Hz - 15.000 Hz
Rated impedance:	< 600 ohms
Max. SPL:	144 dB (at 1 kHz < 1% THD)
Connector:	3-Pin XLR
Dimensions (L x Ø):	165 mm x 50 mm
Accessories included:	gig bag (leather) and microphone clip

Microphone stand black with boom arm

- Heavy duty steel base with folding legs
- Height: 100 - 160 cm
- Boom arm length: 70 cm

Microphone cable XLR male / XLR female 5 meter

D1001(S)

DYNAMIC VOCAL MICROPHONE

The low-feedback dynamic supercardioid vocal microphone features a broad frequency spectrum, low distortion at high sound pressure levels, and "shockproof" capsule mounting for minimal handling Noise. Suitable for all demanding stage and studio applications. D1001 also available with ON/OFF switch (Model name: D1001S).

SPECIFICATIONS

Model name:	D1001(S)
Type:	Dynamic
Pattern:	Super cardioid
Frequency range:	50 Hz - 16000 Hz
Rated impedance:	300 Ω
Max. SPL:	134 dB
Dimension:	52 mm x 165 mm
Weight:	270 g

D1010

DYNAMIC VOCAL MICROPHONE MEMPHIS STYLE

Memphis dynamic retro microphone, cardioid directional characteristic with switch, chrome-plated with adjustable head. Supplied in plastic box.

SPECIFICATIONS

Model name:	D1010
Type:	Dynamic
Pattern:	Super cardioid
Frequency range:	50 Hz - 15000 Hz
Rated impedance:	300 Ω
Connector:	3-Pin XLR with gold plated pins
Dimensions:	67 mm x 56 mm x 185 mm
Weight:	500 g

D1006

DYNAMIC VOCAL MICROPHONE WITH SWITCH

Dynamic microphone with switch. This is a robust high quality product at a very low price.

SPECIFICATIONS

Model name:	D1006
Type:	Dynamic
Pattern:	Cardioid
Frequency range:	80 Hz - 15000 Hz
Rated impedance:	500 Ω
Dimension:	50 mm x 165 mm
Weight:	245 g
Accessories included:	4.5 m cable

D1017SET

7-PIECE DRUM MICROPHONE SET

Drum microphone set consisting of 1 x bass drum dynamic microphone, 4 x tom/snare drum dynamic microphones as well as 2 x overhead condenser microphones. All microphones will be supplied with microphone clamps in a hard case. **Top cost/performance ratio!**



SPECIFICATIONS

Model name:	D1017		
Product:	Bass-Drum (1x)	Overhead (2x)	Tom Tom/Snare (4x)
Type:	Dynamic	Back Electret Cond.	Dynamic
Pattern:	Supercardioid	Supercardioid	Supercardioid
Frequency range:	50 - 16000 Hz	40 - 18000 Hz	80 - 12000 Hz
Rated impedance:	200 Ω	200 Ω	200 Ω
Min. load impedance:	/	1000 Ω	/
Max. SPL:	147 dB	137 dB (at 1 kHz < 1% THD)	150 dB
Power supply:	/	9 - 48 V Phantom	/
Connector:	3 pin XLR gold-plated	3 pin XLR gold-plated	3 pin XLR gold-plated
Dimensions:	ø 46 x 100 mm	ø 21 x 200 mm	ø 46 x 100 mm
Weight:	260 g	150 g	240 g



D1012C

CONDENSER MICROPHONE

Because the D1012C is a small diaphragm cardioid condenser microphone with a wide frequency range, it can be used for a variety of studio and live applications such as micing acoustic guitars, percussion instruments, and choirs. It can also be used as an overhead microphone for drums. Thanks to the option of 9V battery power, it also can be used as a microphone for reporters. The D1012C features a high quality zinc die-cast housing, low self Noise, a three-stage sensitivity pad, a battery status LED and a high-pass filter.

SPECIFICATIONS

Model name:	D1012C
Type:	Condenser
Pattern:	Cardioid
Frequency range:	35 Hz -- 20.000 Hz
Rated impedance:	200 Ω
Max. SPL:	142 dB
Connector:	3-Pin XLR
Power requirements:	Phantom power 24-48 V DC or 9V battery
Dimensions (L x Ø):	212 mm x 32 mm
Weight:	490 g
Accessories included:	Bag, clamp, 3/8" to 5/8" adapter

D1102

CONDENSER INSTRUMENT MICROPHONE

The D1102 is a versatile condenser microphone for the stage and studio. Its compact dimensions, excellent frequency range, switchable low cut and level attenuation make this microphone ideal particularly for the transmission and recording of acoustic instruments. Suitable for acoustic guitar, percussion instruments, drum overhead/hi hat, violin and piano.



SPECIFICATIONS

Model name:	D1102
Type:	Condenser
Pattern:	Cardioid
Frequency range:	20 Hz - 20000 Hz
Rated impedance:	< 200 Ω
Max. SPL:	134 dB
Power requirement:	48 V phantom power supply
Connector:	3-Pin XLR
Dimensions:	153 mm x 23 mm
Weight:	240 g

D1009

INSTRUMENT MICROPHONE FOR PERCUSSION & ACOUSTIC INSTRUMENTS

- Element: Pressure Gradient, transformerless circuitry
- Dynamic range: 115 dB
- Power Supply: 9-48 Phantom
- Current Consumption: 2 mA

SPECIFICATIONS

Model name:	D1009
Type:	Condenser
Pattern:	Super cardioid
Frequency range:	50 Hz - 20000 Hz
Rated impedance:	200 Ω
Max. SPL:	136 dB (at 1 kHz < 1% THD)
Connector:	3-Pin XLR
Dimensions:	ø 29 x 238 mm
Weight:	280 g



D1057

DYNAMIC INSTRUMENT MICROPHONE

The D1057 completes a series of dynamic cardioid instrument microphones designed for professional sound reinforcement and project studio recording. High sensitivity and great extended frequency range.

SPECIFICATIONS

Article No.:	D1057
Type:	Dynamic
Pattern:	Cardioid
Frequency range:	50 Hz - 16500 Hz
Impedance:	600 Ω
Max. SPL:	145 dB (at 1 kHz < 1% THD)
Connector:	3-Pin XLR
Dimensions:	31 mm x 155 mm
Weight:	250 g





WS100MH3 HEADSET MICROPHONE

Skin coloured lightweight headset microphone with excellent wearing comfort onto 3-pole Mini XLR

- Type : Condenser
- Uni-directional
- Frequency range : 70 Hz – 16 kHz
- Impedance : 1.4 kOhms



WS100MH1 HEADSET MICROPHONE

Headset Microphone for WS 100 Series, WS 1000 Series, WS 1616 Series and WS ECO Series

- Uni-directional Electret Condenser Headset Microphone
- Impedance < 680 Ohms
- Frequency range : 20Hz - 20 KHz

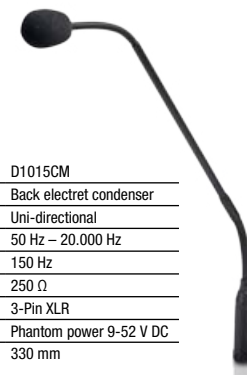


D1015CMB BASE FOR D1015CM CONFERENCE MICROPHONE

The D1015CMB metal base ensures secure positioning of gooseneck microphones and offers a female 3-pole XLR connector on the top side and a 3-pole XLR male connector on the back.

D1015CM CONDENSER CONFERENCE MICROPHONE WITHOUT BASE

The slim and flexible design of the D1015CM gooseneck microphone with its professional, highly sensitive and uni-directional condenser element makes it perfect for all situations in which the spoken word must be understood clearly. Its low self Noise also makes this microphone ideal for professional sound reinforcement and recording in meeting and seminar rooms, schools and churches. Equipped with a 3-pole XLR connector, it operates on phantom power (9 - 52 V).



BM1 BOUNDARY LAYER MICROPHONE

The BM1 is an electret condenser microphone with a hemispherical directional characteristic. Designed for the micing of upright and grand pianos on stage or in the studio. Additional applications in the area of conference technology, micing of roundtable discussions and theatrical performances.

- Linear frequency range
- Small dimensions
- Uniform pickup angle
- Extremely rugged housing
- Foam rubber sheet on base for isolation of structure-borne Noise
- Phantom power via mixer or optional phantom power unit
- 6 m mini XLR to XLR standard connection cable included

SPECIFICATIONS

Model name:	LDBM1
Type:	Back electret
Pattern:	cardioid
Frequency range:	50 - 20.000 hz
Rated impedance:	250 Ω ± 30 % (at 1 kHz)
MaxSPL:	135 dB (THD < 0.5 % 1000 Hz)
Dynamic range:	113 dB
Signal-to-Noise ratio:	73 dB
Power requirements:	Phantom power 48 V DC
Connector:	3-Pin XLR
Dimensions (W x H D):	74.5 x 27 x 93.5 mm
Weight:	345 g
Accessories included:	Cable: Mini XLR / XLR (6 meters)

SPECIFICATIONS

Model name:	D1015CM
Type:	Back electret condenser
Pattern:	Uni-directional
Frequency range:	50 Hz – 20.000 Hz
Low-cut switch:	150 Hz
Rated impedance:	250 Ω
Connector:	3-Pin XLR
Power requirements:	Phantom power 9-52 V DC
Gooseneck length:	330 mm

NEW!

HD5AE1 PROFESSIONAL AEROBICS HEADSET MICROPHONE WATER RESISTANT

The LDHSAE1 is a professional headset microphone that is especially suitable for aerobics, sports, and fitness trainers. The bi-directional electret condenser capsule with windscreen offers high speech intelligibility and sound quality. The low weight, flexible microphone arm, and neckband with adjustable neck strap ensure a comfortable, secure fit and complete freedom of movement.

It connects to a wireless transmitter via a mini-XLR connector. The LDHSAE1 headset is extremely sturdy, water repellent, and of course also stage-ready.

SPECIFICATIONS

Model name:	LDHSAE1
Type:	electret condenser
Frequency range:	80 - 16,000 Hz
Directional characteristic:	bi-directional
Nominal impedance:	1600 ohms
Max. SPL:	145 dB (at 1 kHz < 1% THD)
Connector:	mini-XLR (3-pin)
Accessories (included):	foam windscreen
Special features:	water repellent



DSM40 MICROPHONE SHOCK MOUNT

Diameter: 40mm - 44mm / Thread: 5/8"
Available Colour: Black (B)



DSM45 MICROPHONE SHOCK MOUNT

Diameter: 45mm - 49mm / Thread: 5/8"
Available Colour: Black (B)

D909 WINDSCREEN FOR MICROPHONE BLACK

Suitable for conference microphones with diameter of 7 - 12 mm (e.g. D1015CM)



D911 WINDSCREEN FOR MICROPHONE BLACK

Suitable for microphones with diameter of 17 - 22 mm (e.g. D1102, D1057)



D916 WINDSCREEN FOR MICROPHONE BLACK

Suitable for video camera microphones with diameter of 15 - 20 mm



D902

Microphone clamp black with rubberised flexible top to fit most wireless microphones. Quick release. Incl. 3/8" and 5/8" thread adaptor.



D903

Microphone clamp black with rubberised flexible top to fit most microphones. Quick release. Incl. 3/8" and 5/8" thread adaptor.



D905

Pro Stage rubberised microphone clamp for wireless microphones with new fins for perfect grip of the microphone. Incl. 3/8" and 5/8" thread adaptor.



D906

Cone-shaped microphone clamp with big diameter (e.g. wireless microphones) Diameter: 23mm/ 28mm With 3/8" and 5/8" thread inside



D907

Microphone clamp for microphones with big diameter (e.g. wireless microphones) Diameter: 30mm With 3/8" and 5/8" thread inside



D913#

LD microphone windscreen, Ø 40 mm - 50 mm, available in black, red, yellow, orange, blue, suitable for all standard vocal microphones.

Order Code
D913BLK = black
D913BLU = blue
D913ORG = orange
D913RED = red
D913YEL = yellow

PHA1

PHANTOM POWER ADAPTER 48 V

230/110V-AC/48V-DC phantom power unit for powering high-quality condenser microphones in the studio and stage sector.



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LD102

DI-BOX ACTIVE

Active DI box in sturdy metallic blue/silver aluminium and steel housing with corner protectors, internal 9 V battery (indicator blinks during operation) which is automatically switched off when phantom power is used (indicator is on continuously). Extremely low battery consumption, 9 V Battery not included.

SPECIFICATIONS

Switchable ground lift
frequency range 20 Hz - 20 kHz, THD < 0.05 % at 1 kHz,
Noise floor - 100 dBu, Input: 1 MΩ, output: 600 Ω
Input: 6.3 mm mono jack + XLR, link out: 6.3 mm mono jack, output:
balanced XLR, maximum input level: + 10 / + 30 dBu
switchable pad: -20 dB

RF1

MICROPHONE SCREEN

The LD Systems RF1 is designed to help minimizing the undesirable hall reflections, Noises and echos in order to obtain a very "dry" vocal or instrumental recording signal. This filter allows good recording results even under unfavorable ambient conditions without having to take complicated measures to reproduce studio conditions or an acoustical insulation. It features a lightweight and rugged construction with high quality soundproofing materials and can be mounted on all conventional microphone stands.

- Lightweight and portable
- Mountable on most conventional microphone stands
- 3/8" and 5/8" thread adapter for stands and microphone holders
- Height & depth adjustable to fit to different studio microphone types
- High quality soundproofing material (various types of soundproofing foams + aluminium sheets)
- Rugged construction (light metal frame)
- Dimensions (W x H x D): 50.4 x 30.6 x 27.0 cm



DSM400

MICROPHONE SHOCK MOUNT WITH POP FILTER

- High quality suspension shock mount for studio microphones with integrated pop filter
- Nylon screen guarantees optimum sound filtering during studio recording
- Suitable for microphones 43 - 49 mm
- Screen: Ø 130 mm



D910

POP FILTER

For all standard microphone stands, double nylon screen with sturdy black plastic frame.
Gooseneck length: 270 mm
Screen: Ø 130 mm



SP1

SUSTAIN PEDAL / FOOT SWITCH

Selectable normally open / normally closed with 2 m (6.56') connection cable on pedal for triggering the sustain function of keyboards and digital pianos.
Also usable as an effect on/off switch with many devices.

D914

POP FILTER

For all standard microphone stands, double nylon screen with sturdy black plastic frame.
Gooseneck length: 330 mm
Screen: Ø 190 mm

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HP800PRO

PROFESSIONAL MONITORING HEADPHONES

- Accurate and natural sound reproduction
- High quality PET diaphragm for brilliant wide highs and rich sound
- Closed-back design effectively reducing ambient Noise
- Soft leather headband and ear pads assures long time wearing comfort
- Stylish and noble appearance
- Single-sided spring cable for maximum mobility
- Transport bag

SPECIFICATIONS:

Model name:	LDHP800PRO
Type:	Dynamic
Driver diameter:	53 mm
Impedance:	60 Ohms
Frequency range:	15 Hz - 25 kHz
Power handling capability:	500 mW
Cable:	4 mm x 1.2 m spring cable (full stretch length approx. 4 m)
Connectors:	3.5 mm jack & 6.3 mm jack adapter



HP1100DJ

DYNAMIC DJ HEADPHONES

- Entirely new-style driver unit of **2000 mW** handling capability
- Featuring punchy bass range, well-balanced mids and super-transparent highs
- Featherweight solution for long-term wearing comfort
- Folding design for easy storage
- Carrying pouch and additional cloth earpads included
- Swivel mechanism for free-style listening
- Single-sided spring cable for maximum mobility

SPECIFICATIONS:

Model name:	LDHP1100DJ
Type:	Dynamic
Driver diameter:	50 mm
Impedance:	45 Ohms
Frequency range:	20 Hz - 20 kHz
Power handling capability:	2000 mW
Cable:	4 mm x 1.2 m spring cable (full stretch length approx. 4 m)
Connectors:	3.5 mm jack & 6.3 mm jack adapter



HP550E

DYNAMIC STEREO HEADPHONES

The LD Systems HP 550 e is a set of dynamic headphones for mobile use with smartphones, tablet PCs, notebooks, and MP3 and CD players. The closed design and the 40mm drivers with neodymium magnets ensure powerful reproduction with strong bass and detailed treble. The adjustable headband and specially shaped cans make them very comfortable to wear. The design of the HP 550 e is optimized for light weight and ease of transport – the connecting cable is removable, the headband folds together, and the cans swivel if desired.

SPECIFICATIONS:

Model name:	LDHP550E
Type:	Dynamic
Driver diameter:	40 mm
Impedance:	30 Ohms
Frequency range:	10 Hz - 20 kHz
Cable:	1.2 m
Connectors:	3.5 mm jack & 6.3 mm jack adapter
Features:	detachable cable, foldable design

HP700

DYNAMIC STEREO HEADPHONES

The LD Systems HP 700 is a set of closed headphones with all of the features for professional use in the studio, in home recording, for DJs, and for "environmentally friendly" listening at home. The dynamic drivers offer accurate reproduction across the entire frequency range with precise spatial resolution and high sound pressure. The adjustable headband and cans that swivel by 25° are covered with Protein Leather®, a skin-friendly, leather-like material, ensuring a comfortable fit and a great wearing comfort. DJs appreciate that the cans can be swivelled by 180° for use as shoulder speakers. The HP 700 has an attractive UV finish.

SPECIFICATIONS:

Model name:	LDHP700
Type:	Dynamic
Driver diameter:	50 mm
Impedance:	32 Ohms
Frequency range:	10 Hz - 25 kHz
Cable:	2 m
Connectors:	3.5 mm jack & 6.3 mm jack adapter



HP500

DYNAMIC STEREO HEADPHONES

The LDHP500 are light weight but sturdy stereo headphones and good sounding but low-priced. Due to its 30 mm system and its 32 ohms impedance it can reach high volume and also can be used in a home studio, because of its closed design. The adjustable headband and the soft ear pads guarantee a good wearing comfort over a long time period.

SPECIFICATIONS:

Model name:	LDH500
Type:	Dynamic
Driver diameter:	30 mm
Impedance:	32 Ohms
Frequency range:	20 Hz - 20 kHz
Power handling capability:	100 mW
Cable:	2 mm x 2 m cable
Connectors:	3.5 mm jack & 6.3 mm jack adapter

IEHP1

PROFESSIONAL IN-EAR HEADPHONES

The LDIEHP1 is an extremely light, professional in-ear monitor with a broad frequency range and a clean, balanced sound. It is very well shielded against extraneous noise and comes with three different sets of tips to fit practically any pair of ears perfectly. Additional convenience is ensured by a generously long, 1.5m-long cable. A gold-plated mini-TRS plug provides for a reliable connection.

SPECIFICATIONS:

Model name:	LDIEHP1
Type:	In-ear monitor
Impedance:	16 Ohms
Frequency range:	30 Hz - 20 kHz
Cable:	1.5 m
Connectors:	3.5 mm TRS plug



HPA4

HEADPHONE AMPLIFIER

The LDHPA4 has small dimensions, can handle up to 4 headphones and has an output power with no equal in its class. That means high volume with no distortion. With these features the LDHPA4 is an essential tool for every project- and home studio.

SPECIFICATIONS:

Model name:	LDHPA4
Max. output power:	4 x 100 mW
Input impedance:	1 kohm
Minimum load per channel:	10 ohms
Input connectors:	2 x RCA, 6.3 mm Phone Jack Stereo
Output connectors:	4 x 6.3 mm Phone Jack Stereo
Controls:	4 x headphone volume control, mono / stereo switch
Indicators:	Power LED
Power requirement:	24 V external AC adapter (included)



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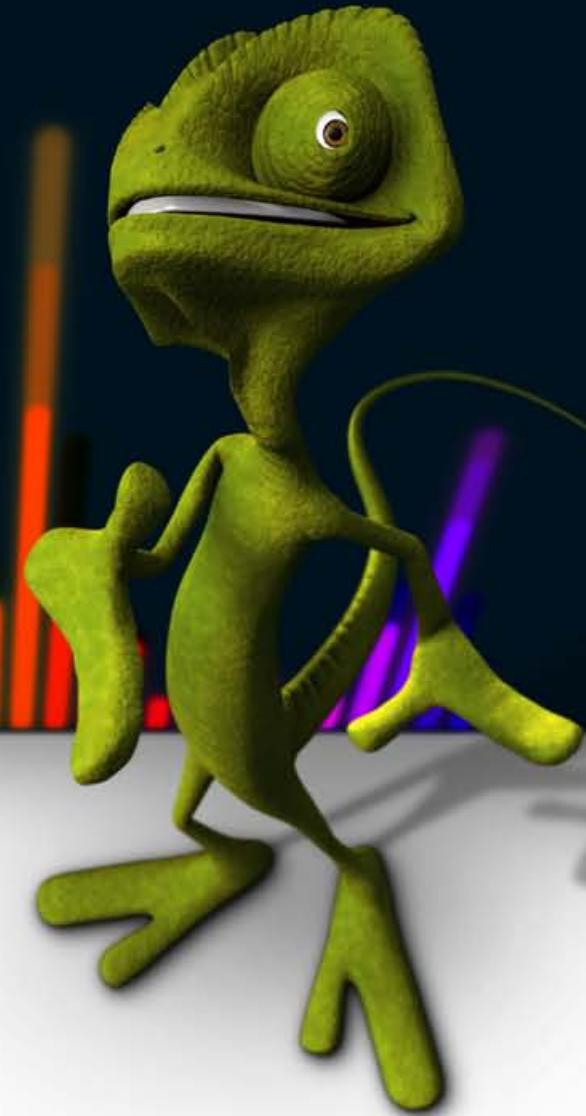


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