

MY SOUND | MY BAND | **MY LD**

For the past eight years, LD Systems, a brand of the Adam Hall Group, has stood for high quality and fine Audio Products with an outstanding price-performance ratio. Development, assembly and final quality control for all LD products are carried out in Germany, giving you the guarantee of a constant quality level. Thanks to frequent and ongoing communication with our customers and partners, to our uncompromising purchasing department, as well as our highly motivated team we offer one of the best price/performance ratios on the market.

In 2010 we present the STINGER series with 8" and 10" speakers, the extension of the SAT series with 8" and double 4" installation speakers, our MON stage monitor systems and our new ECO Wireless Microphone Series.

All products feature a 2 year-Guarantee. Should a problem arise, service and warranty support will be given within 48 hours, directly with the end-user if required.

Come visit us at www.ld-systems.com, check the latest news of the LD world, take a close look at the products with our 360° viewer, download specifications and Manuals and send us your suggestions, praise or criticisms.

Your LD Systems Team



STINGER8"

NEW!



BMS



STINGER8"

8"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY BMS

Multi functional high quality loudspeaker with Eminence 8" speaker and BMS 1" compression driver. 15 mm plywood cabinet structure, highly durable textured lacquer finish, integrated speaker stand receptacle. The versatile STINGER8 is virtually unbeatable in terms of price-performance ratio.

Additionally to the features of the passive version the STINGER8A disposes of a Bang & Olufsen ICEpowerdigital amplification module with Line In/Out, Mic In, Volume control, Ground-Lift, 2 Band EQ and Speakon passive Output allowing the connection of a passive speaker.

This speaker also features the new and secure Volex Power Plug. The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards.
- 100 % compatible with all IECC power inlets and plug connectors

SPECIFICATIONS

Model Name/ Type:	LDEB82 / Bass Reflex	LDEB82A / Bass Reflex
Frequency Response:	70 Hz - 19 kHz	70 Hz - 19 kHz
Rated System Power (Continuous/ Peak):	200 W / 400 W	-
Power Output (RMS):	-	170 W RMS / 4 Ω
Amplification:	-	Class D / ICE power 50ASX2
Sensitivity (1W/ 1m):	95 dB	95 dB
Impedance:	8 Ω	-
LF Transducer:	8" Eminence	8" Eminence
HF Transducer:	1" BMS	1" BMS
Dispersion:	110° x 120°	110° x 120°
Connectors:	2 x SPK	Input: XLR, Output: XLR Powered output for passive Speaker: load > 8 Ω
Dimensions (W x H x D):	287 mm x 450 mm x 290 mm	287 mm x 450 mm x 290 mm
Weight:	9 kg	11 kg



SCP710B

Universal clamp black with toggle



SS018

16 mm stud M10 for SCP710B



**LDEB82WB - WALL MOUNTING
BRACKET FOR LDEB82(A)**

Wall mounting brackets. Steel. Black. Incl. fixings to attach to the cabinet.

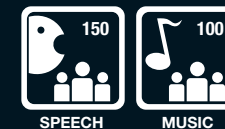
STINGER10"

NEW!



BMS

10"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY BMS



STINGER10"

10"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY BMS

Multi functional high quality loudspeaker with Eminence 10" speaker and BMS 1" compression driver. 15 mm plywood cabinet structure, highly durable textured lacquer finish, integrated speaker stand receptacle. The versatile STINGER10 is virtually unbeatable in terms of price-performance ratio.

Additionally to the features of the passive version the STINGER10A disposes of a Bang & Olufsen ICEpowerdigital amplification module with Line In/Out, Mic In, Volume control, Ground-Lift, 2 Band EQ and Speakon passive Output allowing the connection of a passive speaker.

This speaker also features the new and secure Volex Power Plug. The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards.
- 100 % compatible with all IECC power inlets and plug connectors

SPECIFICATIONS

Model Name/ Type:	LDEB102 / Bass Reflex	LDEB102A / Bass Reflex
Frequency Response:	65 Hz - 19 kHz	65 Hz - 19 kHz
Rated System Power (Continuous/ Peak):	250 W / 500 W	-
Power Output (RMS):	-	170 W RMS / 4 Ω
Amplification:	-	Class D / ICE power 50ASX2
Sensitivity (1W/ 1m):	96 dB	96 dB
Impedance:	8 Ω	-
LF Transducer:	10" Eminence	10" Eminence
HF Transducer:	1" BMS	1" BMS
Dispersion:	110° x 120°	110° x 120°
Connectors:	2 x SPK	Input: XLR, Output: XLR Powered output for passive Speaker: load > 8 Ω
Dimensions (W x H x D):	332 x 500 x 292 mm	332 x 500 x 292 mm
Weight:	12 kg	14 kg



SCP710B

Universal clamp black with toggle



SS018

16 mm stud M10 for SCP710B



LDEB102WB - WALL MOUNTING BRACKET FOR LDEB102(A)

Wall mounting brackets. Steel. Black. Incl. fixings to attach to the cabinet.

STINGER12"

12"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY EMINENCE & BMS



STINGER12"

12"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY EMINENCE & BMS

Multi functional high quality loudspeaker with Eminence 12" speaker and BMS 1" compression driver. 18 mm plywood cabinet structure, highly durable textured lacquer finish, SM707 adjustable angle speaker stand receptacle with a variable vertical angle that adjusts in 4° increments to +/-18°. The versatile STINGER12 is virtually unbeatable in terms of price-performance ratio.

Additionally to the features of the passive version the STINGER12A disposes of a Bang & Olufsen ICEpower digital amplification module with Line In/Out, Mic In, Volume control, Ground-Lift, 2 Band EQ and Speakon passive Output for permitting the connection of a passive speaker.

This speaker also features the new and secure Volex Power Plug. The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards.
- 100 % compatible with all IEC power inlets and plug connectors

SPECIFICATIONS

Model Name/ Type:	LDEB122 / Bass Reflex	LDEB122A / Bass Reflex
Frequency Response:	58 Hz - 19 kHz	58 Hz - 19 kHz
Rated System Power (Continuous/ Peak):	350 W / 700 W	-
Power Output (RMS):	-	450 W RMS / 4 Ω
Amplification:	-	Class D / ICE power 125ASX2
Sensitivity (1W/ 1m):	99 dB	99 dB
Impedance:	8 Ω	-
LF Transducer:	12" Eminence	12" Eminence
HF Transducer:	1" BMS	1" BMS
Dispersion:	110° x 120°	110° x 120°
Connectors:	2 x SPK n	Input: XLR, Output: XLR Powered output for passive Speaker; load > 8 Ω
Dimensions (W x H x D):	390 x 570 x 370 mm	390 x 570 x 370 mm
Weight:	19 kg	25 kg

FLYWARE SETS



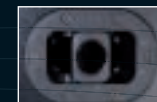
LDE122FS1

3x AH 5720
3x AH 5740
(without screws)



LDE122FS2

3x AH 5720
3x AH 5740
3x AH 5730
(without screws)



BE MORE FLEXIBLE!

SM707

Patented adjustable
Top Hat
+/- 18° | Ø 36mm



SPEECH



MUSIC

STINGER15"

15"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY EMINENCE & BMS



STINGER15"

15"/1" PASSIVE / ACTIVE MULTI-FUNCTIONAL LOUDSPEAKER POWERED BY EMINENCE & BMS

Multi functional high quality loudspeaker with Eminence 15" speaker and BMS 1" compression driver. 18 mm plywood cabinet structure, highly durable textured lacquer finish, SM707 adjustable angle speaker stand receptacle with a variable vertical angle that adjusts in 4° increments to +/-18°. The versatile STINGER15 is virtually unbeatable in terms of price-performance ratio.

Additionally to the features of the passive version the STINGER15A disposes of a Bang & Olufsen ICEpowerdigital amplification module with Line In/Out, Mic In, Volume control, Ground-Lift, 2 Band EQ and Speakon passive Output allowing the connection of a passive speaker.

This speaker also features the new and secure Volex Power Plug. The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards
- 100 % compatible with all IECC power inlets and plug connectors

SPECIFICATIONS

Model Name/ Type:	LDEB152 / Bass Reflex	LDEB152A / Bass Reflex
Frequency Response:	50 Hz - 19 kHz	50 Hz - 19 kHz
Rated System Power (Continuous/ Peak):	500 W / 1000 W	-
Power Output (RMS):	-	500 W RMS / 4 Ω
Amplification:	-	Class D / ICE power ASP1000
Sensitivity (1W/ 1m):	100 dB	100 dB
Impedance:	8 Ω	-
LF Transducer:	15" Eminence	15" Eminence
HF Transducer:	1" BMS	1" BMS
Dispersion:	110° x 120°	110° x 120°
Connectors:	2 x SPK n	Input: XLR, Output: XLR Powered output for passive Speaker: load > 8 Ω
Dimensions (W x H x D):	500 x 650 x 438 mm	500 x 650 x 438 mm
Weight:	25 kg	28 kg

FLYWARE SETS



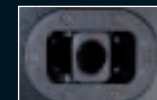
LDE122FS1

3x AH 5720
3x AH 5740
(without screws)



LDE122FS2

3x AH 5720
3x AH 5740
3x AH 5730
(without screws)



BE MORE FLEXIBLE!

SM707

Patented adjustable Top Hat
+/- 18° | Ø 36mm



SPEECH



MUSIC

LD MON101/121A

NEW!

ACTIVE CO-AXIAL STAGE MONITORS



LD MON101A

10" ACTIVE CO-AXIAL **STAGE MONITOR** 150W RMS

The LDMON 101A is a high end 10"/1" stage monitor for high power and accurate sound reproduction of voices or instruments.

The Volex power supply system allows a secure connection of further active monitors, this feature enables the installation of a big active stage monitor system while using only one power plug. The monitor also features a softclip-limiter as well as a volume control.

The Housing was built out of a high quality plywood with a high resistance textured finish. The stabile front guard ideally protects the speakerbox and offers a good tread.

LD MON121A

12" ACTIVE CO-AXIAL **STAGE MONITOR** 250W RMS

The LDMON 121A features a high end 12" speaker and a 1" driver for an excellent high power sound reproduction of voices or instruments.

The Volex power supply system allows a secure connection of further active monitors, this feature enables the installation of a big active stage monitor system while using only one power plug. The monitor also features a soft clip-limiter as well as a volume control.

The Housing was built out of a high quality plywood with a high resistance textured finish. The stabile front guard ideally protects the speaker box.

SPECIFICATIONS

Model Name/ Type:	LDMON101A / Bass Reflex	LDMON121A / Bass Reflex
Frequency Response:	90 Hz - 20 kHz	80 Hz - 20 kHz
Power Output (RMS):	150 W RMS / 4 Ω	250 W RMS / 4 Ω
Sensitivity (1W/ 1m):	99 dB	100 dB
Max. SPL:	121 dB	124 dB
LF / HF Transducer:	10" / 1" Coaxial	12" / 1" Coaxial
Dispersion:	75° x 75°	75° x 75°
Connections:	Input: XLR/ 6,3mm jack (combo), Output: XLR	Input: XLR/ 6,3mm jack (combo), Output: XLR
Dimensions (W x H x D):	360 mm x 370 mm x 425 mm	420 mm x 423 mm x 425 mm
Weight:	10 kg	17 kg

NEW!

LD BLOCKX ACTIVE POWER TOWER & SIDE-FILL

The modular BLOCKX PA is a very powerful and stunning compact system which is optimal for mid-sized events such as beer tents. The modular setup allows you to expand the system as you desire. Each active subwoofer is driven by an integrated 400W amplifier, delivering an impressive bass foundation. The tops are fitted with 12" custom made midrange speakers with a 1" Celestion Driver, they are driven by a 450W RMS Bi-Amp amplifier – producing a maximum sound pressure level of 128dB. The amplifiers are equipped with the common protective circuitry such as a limiter. A BLOCKX system consists of 4x 12" Subwoofers, 2x 12"/1" and transport cases which can also be used as separators between the subwoofers and the tops in order to achieve an optimum height.

A complete system delivers 2.5kW RMS of power. All cabinets are stackable, Transport bags and castor board are optional. The system is set up or dismantled in only a few minutes. Just plug and play for a top price!

- 2500 Watt RMS System Power
 - 2 x 12"/1" Top with integrated Amplification
 - 4 x 12" Subwoofer with integrated Amplification
- Power Tower Set consists:
- 4 x LDASUB12
 - 2 x LDATOP12
 - 2 x LDBLOCKXSB (stack box)

LD STINGER SUB12A

The STINGER SUB12A has an integrated 400 W amplifier as well as protective circuits and a limiter as in the Dave12+ set. The STINGER SUB12A can be combined with different satellite systems (also from other suppliers) or as an extension to the Dave12+ set in case more bass is required.

SPECIFICATIONS

Model Name/ Type:	LDASUB12 / Bass Reflex
Frequency Response:	38 Hz - 200 Hz
Power Output (RMS):	400 W
Sensitivity (1W/ 1m):	98 dB
Max. SPL:	124 dB
LF Transducer:	12"
Connectors:	Input: 2 x XLR/ 6.3mm jack / RCA, Output: 2 x XLR (100 Hz Hi Pass)
Controls:	Volume, adjustable Low Pass (80 - 200 Hz), 180° Phase Reverse
Indicators:	Power, Protect
Cabinet material:	Painting / 15 mm Plywood
Dimensions (W x H x D):	450 mm x 500 mm x 520 mm
Weight:	34 kg

LD ATOP12

The tops of the LD Blocks Power Tower are fitted with 12" custom made midrange speakers with a 1" Celestion Driver, they are driven by a 450W RMS Bi-Amp amplifier – producing a maximum sound pressure level of 128dB.

SPECIFICATIONS

Model Name/ Type:	LDATOP12 / Bass Reflex
Frequency Response System:	80 Hz - 20 kHz
Power Output (RMS):	350 W + 100 W
Sensitivity (1W/ 1m) System:	101 dB
Max. SPL System:	128 dB
LF Transducer:	12"
HF Transducer:	1"
Connectors:	Input: XLR / 6.3mm jack (combo), Output: XLR
Controls:	Main Volume, Tweeter Volume, switchable High Pass (80 / 120 Hz), ON/OFF Switch
Indicators:	Power, Limiter, Signal, Protect
Cabinet material:	Painting / 15 mm Plywood
Dimensions (W x H x D):	450 mm x 500 mm x 520 mm
Weight:	37 kg

LD BLOCKXSB STACKING TRANSPORTBOX

For stacking applications the LDBLOCKXSB enables to bring the LDATOP12 in the right height. It can be also used as a transport case (e.g. for speaker cables).

Features:

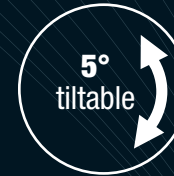
- rubber feet, ergonomic milled handles

Cabinet material/ surface:

- 15mm plywood/ black painting

Dimensions (W x H x D):

- 450 mm x 500 mm x 520 mm





CLUB-SET

MUSIC

DAVE10+ PORTABLE ACTIVE PA SYSTEM

Small but impressive! With powerful sound and clearly defined mid and high frequencies, the DAVE10+ provides a portable sound experience. The compact, very flexible active system has various practical features, including a 5° tilted top hat in the satellites, butterfly handles and an optional castor board. DAVE10+ is an ideal tool for entertainers, duos and all smaller PA system and presentation applications, with an excellent price-performance ratio. The DAVE10+ active module features all necessary inputs and outputs as well as protective circuits. Transport bags, for the subwoofer and satellites, are also available.

SPECIFICATIONS

Model Name / Type:	Subwoofer / Bass Reflex	Satellite / Sealed
Frequency Response System:	45 Hz - 19 kHz	
Power Output (RMS):	1 x 150 W (300 W) + 2 x 75 W (150 W)	
Amplification:	Class A/B	
Sensitivity (1W/ 1m) System:	97 dB	
Max. SPL System:	119 dB	
Impedance:	-	4 Ohms
LF Transducer:	10"	5,25"
HF Transducer:	-	1"
Dispersion:	-	70° x 70°
Connectors:	Input: XLR / 6,3mm jack (combo), RCA, Output: XLR Powered output for passive Speaker: DAVE10 Satellites	1 x SPKn
Controls:	Volume, Sub Level, 180° Phase Reverse, ON/OFF Switch	-
Indicators:	Power, Protect	-
Cabinet material:	Painting / 15 mm Plywood	Painting / 15 mm Plywood
Dimensions (W x H x D):	345 x 430 x 460 mm	200 x 300 x 230 mm
Weight:	25 kg	5 kg
Features:	Ergonomic milled handles, Threaded flange (M20)	Ergonomic milled handles, Stand support (5° sloped)



DAVE12+ PORTABLE ACTIVE PA SYSTEM



CLUB-SET



MUSIC



BE MORE
FLEXIBLE!

SM707

Patented adjustable
Top Hat
+/- 18° | Ø 36mm

Small but impressive! With powerful sound and clearly defined mid and high frequencies, the DAVE12+ provides a portable sound experience. The compact, very flexible active system has various practical features, including a patented +/-18° adjustable top hat in the satellites, butterfly handles and an optional castor board. DAVE12+ is an ideal tool for entertainers, duos and all smaller PA system and presentation applications, with an excellent price-performance ratio. The DAVE12+ active module features all necessary inputs and outputs as well as protective circuits. Transport bags, for the subwoofer and satellites, are also available.

LD Systems will feature the new, secure Volex power plug.

The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards
- 100 % compatible with all IEC power inlets and plug connectors

SPECIFICATIONS

Model Name / Type:	Subwoofer / Bass Reflex	Satellite / Sealed
Frequency Response System:	40 Hz - 19 kHz	
Power Output (RMS):	300 W + 2 x 120 W	
Amplification:	Class A/B	
Sensitivity (1W/ 1m) System:	98 dB	
Max. SPL System:	123 dB	
Impedance:	-	4 Ohms
LF Transducer:	12"	6,5"
HF Transducer:	-	1"
Dispersion:	-	90° x 40°
Connectors:	Input: XLR / 6,3mm jack (combo), RCA, Output: XLR Powered output for passive Speaker: DAVE12 Satellites	1 x SPK'n
Controls:	Volume, Sub Level, 180° Phase Reverse, ON/OFF Switch	-
Indicators:	Power, Protect	-
Cabinet material:	Painting / 18 mm Plywood	Painting / 15 mm Plywood
Dimensions (W x H x D):	450 x 500 x 520 mm	250 x 400 x 250 mm
Weight:	31,5 kg	8,5 kg
Features:	Ergonomic milled handles, Threaded flange (M20)	Ergonomic milled handles, Stand support adjustable vertically (SM707)



OPTIONAL CASTORBOARD
INCL. BELT & TRANSPORT
BAGS AVAILABLE

ARTICLE NO. SEE PRICE LIST!





CLUB-SET



MUSIC



DAVE15+ PORTABLE ACTIVE PA SYSTEM

Need more sound pressure and level? Then the Dave15+ is the ideal active sound system. This set has been optimised for small bands in need of a powerful but small and mobile "plug & play" sound system. The Dave15+ set consists of an active 15" subwoofer and two 8"/1" satellites. The Dave15+ is very similar to the Dave12+ however with higher volume and sound pressure levels.

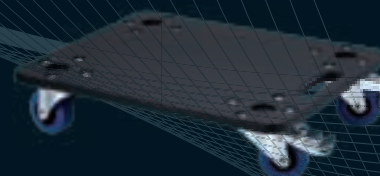
SPECIFICATIONS

Model Name / Type:	Subwoofer / Bass Reflex	Satellite / Sealed
Frequency Response System:	35 Hz - 19 kHz	
Power Output (RMS):	400 W + 2 x 150 W	
Amplification:	Class A/B	
Sensitivity (1W/ 1m) System:	99 dB	
Max. SPL System:	125 dB	
Impedance:	-	4 Ohms
LF Transducer:	15"	8"
HF Transducer:	-	1"
Dispersion:	-	90° x 40°
Connectors:	Input: XLR / 6,3mm jack (combo), RCA, Output: XLR 1 x SPK Powered output for passive Speaker: DAVE15 Satellites	
Controls:	Volume, Sub Level, 180° Phase Reverse, ON/OFF Switch	-
Indicators:	Power, Protect	-
Cabinet material:	Painting / 18 mm Plywood	Painting / 15 mm Plywood
Dimensions (W x H x D):	480 x 570 x 635 mm	280 x 430 x 250 mm
Weight:	42,5 kg	10,5 kg
Features:	Ergonomic milled handles, Threaded flange (M20)	Ergonomic milled handles, Stand support adjustable vertically (SM707)

BE MORE
FLEXIBLE!

SM707

Patented adjustable
Top Hat
+/- 18° | Ø 36mm



OPTIONAL CASTORBOARD
INCL. BELT & TRANSPORT
BAGS AVAILABLE

ARTICLE NO. SEE PRICE LIST!





STINGER SUB12A PORTABLE ACTIVE SUBWOOFER

The LD Stinger 12" Subwoofer Active is equipped with a 12" custom made woofer. It disposes of an integrated 400 W amplifier as well as protective circuits and a limiter as in the LDDAVE12 set. The LD Stinger 12" Subwoofer can be combined with different satellite systems (also from other suppliers) or as an extension to the LDDAVE12 set in case more bass is required. This speaker is also used in our LD Block X System.

SPECIFICATIONS

Model Name/ Type:	LDASUB12 / Bass Reflex
Frequency Response:	38 Hz - 200 Hz
Power Output (RMS):	400 W
Sensitivity (1W/ 1m):	98 dB
Max. SPL:	124 dB
LF Transducer:	12"
Connectors:	Input: 2 x XLR/ 6,3mm jack / RCA, Output: 2 x XLR (100 Hz Hi Pass)
Controls:	Volume, adjustable Low Pass (80 - 200 Hz), 180° Phase Reverse
Indicators:	Power, Protect
Cabinet material:	Painting / 15 mm Plywood
Dimensions (W x H x D):	450 mm x 500 mm x 520 mm
Weight:	34 kg

LD SAT **42** & **62** SUB**88** SOUND SYSTEM

NEW!

LD SAT **42**



LD SAT **242**



LD SUB **88A**



LD SUB **88** / SUB **88A**

THE INSTALLATION SOLUTION

SAT**42** ALL ROUND MONITOR

The SAT42 is ideal for use either as a full-range speaker for smaller installations, cafes, 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/ Type: LDSAT42(W) / Sealed

Frequency Response:	75 Hz - 20 kHz
Rated System Power (Cont./ Peak):	60 W / 100 W
Sensitivity (1W/ 1m):	85 dB
Impedance:	16 Ω
LF Transducer:	4"
HF Transducer:	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

SAT**242** ALL ROUND MONITOR

For applications where the SAT42 does not have enough power 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/ Type: LDSAT242(W) / Sealed

Frequency Response:	75 Hz - 20 kHz
Rated System Power (Cont./ Peak):	100 W / 180 W
Sensitivity (1W/ 1m):	88 dB
Impedance:	8 Ω
LF Transducer:	2 x 4"
HF Transducer:	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

SUB**88** PASSIVE SUB BASS

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.

SPECIFICATIONS Model Name/ Type: LDSUB88 / bandpass

Frequency Response:	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

SUB**88A** ACTIVE SUB BASS

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 such as the DJ200. It can naturally be used with any other high/medium speaker if you wish to complete your sound with a deep and powerful bass fundament.

SPECIFICATIONS Model Name/ Type: LDSUB88A / bandpass

Frequency Response:	40 Hz - 140 Hz
Power Output (RMS):	150 W
Sensitivity (1W/ 1m):	92 dB
Max. SPL:	115 dB
LF Transducer:	2 x 8"
Connectors:	Input: XLR / 6,3mm jack
Dimensions (W x H x D):	450 x 625 x 580 mm
Weight:	16 kg

LD SAT **242** & **82A** SUB**88A** ACTIVE SOUND SYSTEM

NEW!



LD SAT **62** ACTIVE



LD SAT **82** ACTIVE



WHITE VERSION NOW AVAILABLE!



LD SAT **82** / **82A**

LD SAT **62** / **62A**
ALSO AS **100 V** VERSION!

THE INSTALLATION SOLUTION

SAT**62** ALL ROUND MONITOR

The big brother of the SAT42 features enhanced power and performance. Outstanding even when used alone, without subwoofer. For description, see SAT42. **Also available in white and as 100 V version with built in 25 W transformer, adjustable in 5 steps!**

Article No. LDSAT62100V or LDSAT62100VW (white)

SAT**62A** ALL ROUND MONITOR

The active version of SAT62 is perfect for installations but also as active monitor for many applications. The 50 W RMS powered cabinet has a built in Auto Power Mode which will go after 3 minutes without any signal into the stand by mode. **Also available in white.**

SAT**82** ALL ROUND 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 Fullrange speaker with a deep bass fundament 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!**

SAT**82A** ALL ROUND MONITOR

The SAT82A which features the well-known and compact design of the LD-SAT Series is the powerful alternative to the SAT62A speaker systems. The attractive design features a sturdy MDF housing and a very durable textured finish. The SAT82A is an excellent Fullrange speaker with a deep bass fundament 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. Mounting brackets included. **Also available in white!**

SPECIFICATIONS Model Name/ Type: LDSAT62(W) / Bass Reflex

Frequency Response:	55 Hz - 20 kHz
Rated System Power (Cont./ Peak):	80 W / 130 W
Sensitivity (1W/ 1m):	89 dB
Impedance:	16 Ω
LF Transducer:	6,5"
HF Transducer:	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) / Bass Reflex

Frequency Response:	55 Hz - 20 kHz
Power Output (RMS):	50 W
Sensitivity (1W/ 1m):	89 dB
LF Transducer:	6,5"
HF Transducer:	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

SPECIFICATIONS Model Name/ Type: LDSAT82(W) / Bass Reflex

Frequency Response:	50 Hz - 20 kHz
Rated System Power (Cont./ Peak):	120 W / 200 W
Sensitivity (1W/ 1m):	93 dB
Impedance:	8 Ω
LF Transducer:	8"
HF Transducer:	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

SPECIFICATIONS Model Name/ Type: LDSAT82A(W) / Bass Reflex

Frequency Response:	50 Hz - 20 kHz
Power Output (RMS):	80 W
Sensitivity (1W/ 1m):	93 dB
LF Transducer:	8"
HF Transducer:	1"
Dispersion:	60° x 60°
Connectors:	Input: XLR / 6,3mm jack, Output: XLR
Dimensions (W x H x D):	274 x 410 x 243 mm
Weight:	10,2 kg
Features:	M6 rigging / mounting points, brackets

LD LX6-150



LD LX6-150

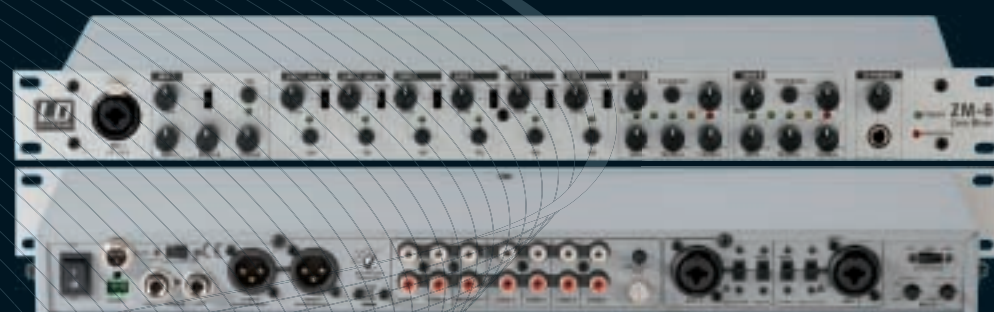
INSTALLATION POWERAMP 6 x 150 W RMS

The LX6-150 is a power amp from the series of multi-channel LD power amplifiers. Six 150-Watt blocks with proven, reliable MOSFET technology are integrated in a 19" housing, 2 units high. Thanks to the layout of the screw terminal connections, generally referred to as "Phoenix terminals", and a separate volume control for each channel, this power amplifier is ideal for the installation sector and a perfect solution for cafes, restaurants and fashion shops. The amplifier cooling system features a fan with continuous, intelligent fan speed control, depending on the temperature. Fan speeds are low at low temperatures, and rise with increasing heat emissions. The direction of the air flow is from the front to the back.

SPECIFICATIONS

Article No.:	LDLX6150
Output power 1 kHz THD+N \leq 1 % Stereo 8 Ω :	6 x 85 W
Output power 1 kHz THD+N \leq 1 % Stereo 4 Ω :	6 x 150 W per channel / 600 W total
Frequency response:	20 Hz – 20 kHz +/- 0.5 dB
THD+N at 90 % nom. Power	< 0.1%
Input Sensitivity:	0.775 Vrms
S/N ratio (A weighted RMS):	> 95 dB
Damping Factor:	> 300
Protection:	Short circuit, Thermal cut off, AC line fuse
Indicators:	Power, Protect, Clip, Signal
Connectors Input:	Phoenix screw terminals
Connectors Output:	Screw terminals
Cooling system:	Heat sinks + low noise temperature controlled fan
Power supply:	230 V - 50 Hz
Dimension (W x H x D):	483 mm x 88 mm x 42 mm
Weight:	12 kg

LD ZM6



LD ZM6

PROFESSIONAL 19" ZONE MIXER

The LDZM6 is designed for applications requiring an easy-to-use, space-saving mixer for permanent installations. Six stereo channels are distributed to 2 broadcasting zones. The LDZM6, a so called zone mixer, is particularly suitable for hotels, restaurants, theatres, fitness centres, shopping centres, etc., and it perfectly rounds out the LD Systems mixer segment.

Five different stereo signals, an announcement microphone and an emergency input can be routed to 2 stereo zones. The microphone channel, with its own 3-band equalizer, has an auto-talkover function with an adjustable ducker. The ducker reduces the level of the other signals as soon as there is a signal present on the announcement microphone, the ducker is adjustable in its sensitivity and delay time.

A special, important feature is the emergency input for alarm and fire alarm systems. Should the alarms go off in case of an emergency, this input will override all the other Functions and the Alarm will sound in all zones.

All microphone inputs and main outputs are balanced. The mixer has a ground lift function for suppressing hum caused by ground loops. A front-side headphone output with volume control is provided for monitoring purposes.

SPECIFICATIONS

Article No.:	LDZM6
S/N Ratio Line:	> 92 dB
S/N Ratio Mic:	> 80 dB
THD+N:	< 0.01 %
Frequency response:	20 Hz – 22 kHz +/- 0.5 dB
Equalisation:	Bass +/- 20 dB, Mid +/- 15 dB, Hi +/- 14 dB
Emergency control:	24 V DC polarity independant
max. Output Level:	+ 21 dBu (9 V RMS)
Inputs Front Panel:	Mic 1 (Combo Socket)
Inputs Rear Panel:	DC +/- 15 V (Power Supply), DC24V (Emergency Power Supply), 4 x RCA Phono (Line 3,4,5 and 6), 1 x RCA Phono Emergency Input, Mic 2 and 3 (Combo with adjustable line or mic level)
Outputs Front Panel:	Headphone 6.3 mm jack socket
Outputs Rear Panel:	2 x 6.3 mm jack socket (Zone B unbalanced), 2 x XLR (Zone A balanced), 2 x RCA Phono (Zone A and B)
Dimension (W x H x D):	483 mm x 44 mm x 170 mm
Weight:	2.5 kg

STINGER SUB15A

15" ACTIVE SUBWOOFER 450 W
POWERED BY EMINENCE



STINGER SUB15A

15" ACTIVE SUBWOOFER 450 W
POWERED BY EMINENCE

In response to customer requests, this summer an active 450 W rms 15" subwoofer powered by Eminence will be available. The power amplifier module has a clip limiter with control LED, level control, phase reverse and stereo crossover at 120 Hz output. The maximum sound pressure level of the extremely powerful subwoofer is 128 dB.

The housing is made entirely of high-quality 18 mm multiplex, with a very durable textured finish. LD Systems will feature the new, secure Volex power plug.

The advantages of Volex Power Products at a glance:

- Increased operating reliability, with no loose contacts (risk of a short circuit)
- All power cables are ready-made at the factory and certified according to ASA, VDE, KEMA, CCC, SA and UL standards
- 100 % compatible with all IECC power inlets and plug connectors

SPECIFICATIONS

Model Name / Type:	LDEKA15A / Bass Reflex
Frequency Response:	35 Hz - 200 Hz
Power Output (RMS):	450 W
Sensitivity (1W/ 1m):	99 dB
Max. SPL:	125 dB
LF Transducer:	15" Eminence Kappa
Connectors:	Input: 2 x XLR, Output: 2 x XLR (Full Range), 2 x XLR (120 Hz Hi Pass)
Controls:	Volume, 180° Phase Reverse, ON/OFF Switch, Ground Lift
Surface/ Cabinet material:	Painting / 18 mm Plywood
Dimensions (W x H x D):	450 mm x 625 mm x 580 mm
Weight:	45 kg



STINGER SUB15

STINGER SUB18



STINGER SUB15

15" PASSIVE SUBWOOFER POWERED BY EMINENCE

The STINGER SUB15 powered by Eminence was designed for high power applications. The Kappa 15LF delivers a deep bass foundation at high sound pressures and with an output power of 500W RMS. The STINGER SUB15 works perfectly as a subwoofer for the STINGER12, it can however also be combined with other systems, either passively or in combination with an active cross-over network. The STINGER SUB15 is coated with a durable black texture finish. The integrated butterfly-handles guarantee an easy handling. The edge guard as well as the recessed tee nuts for the supplementary fitting of 4 x 80 mm swivel castors (Adam Hall #3708BLU) complete this high quality set.

SPECIFICATIONS

Model Name / Type:	LDESUB15 / Bass Reflex
Frequency Response:	40 Hz - 200 Hz
Rated System Power (RMS):	500 W / 1000 W
Sensitivity (1W/ 1m):	99 dB
Max. SPL:	126 dB
LF Transducer:	15" Eminence
Connectors:	2 x SPK n
Controls:	Active/Passive
Surface/ Cabinet material:	Painting / 18 mm Plywood
Dimensions (W x H x D):	480 x 590 x 600 mm
Weight:	38 kg

LD DS2.1

3 CHANNELS 19" DSP CONTROLLER

The LDDSD21 3-Channel DSP Processor (2-Way + 1 SUB) is optimized for applications using the LD STINGER SUB 18 in combination with any speaker of the STINGER series. Of course it also works with other standard systems.

- 28bit DSP
- 3 Band PEQ
- Low Shelf or High Shelf Types available
- Crossover Slope
- Types and Q-Value selectable
- Max. Delay up to 12.5ms
- Limiter with Threshold
- Attack, Release and Hold Parameter
- Phase Invert Function, USB Port, Software included
- 2 x 16 Character LCD with Backlight
- Switch Mode Power Supply: 90 V - 250 V
- 24bit AD/DA Inputs : 2 Channels L + R
- Outputs : 3 Channels L + R + SUB
- Crossover Range: 20Hz-20kHz



STINGER SUB18

18" PASSIVE SUBWOOFER POWERED BY EMINENCE

The STINGER SUB18 powered by Eminence was designed for high power applications. The Sigma Pro 18 „custom made“ delivers a deep bass foundation at high sound pressures and with an output power of 650 W RMS. The STINGER SUB18 works perfectly as a subwoofer for the STINGER12/15, it can however also be combined with other systems in combination with an active cross-over network or DSP unit. The STINGER SUB18 is coated with a durable black texture finish. The integrated butterfly-handles guarantee an easy handling. The edge guard as well as the recessed tee nuts for the supplementary fitting of 4 x 100 mm Adam Hall swivel castors complete this high quality set.

SPECIFICATIONS

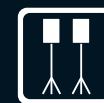
Model Name / Type:	LDESUB18 / Bass Reflex
Frequency Response:	35 Hz - 200 Hz
Rated System Power (RMS):	650 W / 1300 W
Sensitivity (1W/ 1m):	100 dB
Max. SPL:	128 dB
LF Transducer:	18" Eminence
Connectors:	2 x SPK n
Surface/ Cabinet material:	Painting / 18 mm Plywood
Dimensions (W x H x D):	500 x 700 x 720 mm
Weight:	45 kg



REVOLVER ND PLASTIC SPEAKERS

NEW!

REVOLVER 8 & 10



FULLRANGE



SPEECH



MUSIC



LDPR8A

8"/1" active ND cabinet with built in Class D B&O SMPS amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPR8 but with built in Class D B&O SMPS amplifier, 170 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, ground lift, signal LED.

Model Name/ Type:	LDPR8A / Bass Reflex
Frequency Response:	75 Hz - 18 kHz
Power Output (RMS):	170 W RMS/ 4 Ω
Sensitivity (1W/ 1m):	94 dB
LF Transducer:	8"
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	Input: Line: XLR, RCA / Mic: XLR, 6.3mm Jack / Output: XLR, 6.3mm Jack
Dimensions (W x H x D):	305 x 460 x 260 mm
Weight:	10 kg

LDPR8

8"/1" passive ND Box, 150 W RMS, 94 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 35 mm, 8" bass speaker with 1" screwed horn driver on CD-Horn, SPKn Output, rigging points.

Model Name/ Type:	LDPR8 / Bass Reflex
Frequency Response:	75 Hz - 18 kHz
Rated System Power (Cont./ Peak):	150 W / 300 W
Sensitivity (1W/ 1m):	94 dB
Impedance:	8 Ω
LF Transducer:	8"
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	2 x SPKn
Dimensions (W x H x D):	305 x 460 x 260 mm
Weight:	9,5 kg



FULLRANGE



SPEECH



MUSIC



LDPR10A

10"/1" active ND cabinet with built in Class D B&O SMPS amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPR10 but with built in Class D B&O SMPS amplifier, 170 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, round lift, signal LED.

Model Name/ Type:	LDPR10A / Bass Reflex
Frequency Response:	70 Hz - 19 kHz
Power Output (RMS):	170 W RMS/ 4 Ω
Sensitivity (1W/ 1m):	95 dB
LF Transducer:	10"
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	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
Weight:	13 kg

LDPR10

10"/1" passive ND Box, 220 W RMS, 95 dB

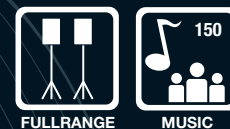
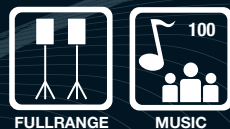
TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 10" bass speaker with 2" voice coil, 1" screwed horn driver on CD-Horn, built-in handle, SPKn Output, rigging points.

Model Name/ Type:	LDPR10 / Bass Reflex
Frequency Response:	70 Hz - 19 kHz
Rated System Power (Cont./ Peak):	220 W / 450 W
Sensitivity (1W/ 1m):	95 dB
Impedance:	8 Ω
LF Transducer:	10"
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	2 x SPKn
Dimensions (W x H x D):	350 x 540 x 290 mm
Weight:	12,5 kg

REVOLVER12

REVOLVER 15



LDPR12

12"/1" passive ND Box, 350 W RMS, 98 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 12" ND cast-frame speaker with 2,5" voice coil, 1" screwed horn driver on CD-Horn, built-in handle, SPKn Output, rigging points.

Model Name/ Type:	LDPR12 / Bass Reflex
Frequency Response:	60 Hz - 19 kHz
Rated System Power (Cont./ Peak):	350 W/ 700 W
Sensitivity (1W/ 1m):	98 dB
Impedance:	8 Ω
LF Transducer:	12" Neodymium
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	2 x SPKn
Dimensions (W x H x D):	410 x 620 x 330 mm
Weight:	14 kg

LDPR12A

12"/1" active ND cabinet with built in Class D B&O SMPS amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPR12 but with built in Class D B&O SMPS amplifier, 350 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 3-band equalisation with master gain, XLR and Jack 6,3 mm line-out, ground lift, signal LED.

Model Name/ Type:	LDPR12A / Bass Reflex
Frequency Response:	60 Hz - 19 kHz
Power Output (RMS):	450 W RMS/ 4 Ω
Sensitivity (1W/ 1m):	98 dB
LF Transducer:	12" Neodymium
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	Input: Line: XLR, RCA / Mic: XLR, 6,3mm Jack / Output: XLR, 6,3mm Jack
Dimensions (W x H x D):	410 x 620 x 330 mm
Weight:	15 kg

LDPR15

15"/1" passive ND Box, 450 W RMS, 100 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 15" ND cast-frame speaker with 3" voice coil, 1" screwed horn driver on CD-Horn, built-in handle, SPKn Output, rigging points.

Model Name/ Type:	LDPR15 / Bass Reflex
Frequency Response:	50 Hz - 19 kHz
Rated System Power (Cont./ Peak):	450 W/ 900 W
Sensitivity (1W/ 1m):	100 dB
Impedance:	8 Ω
LF Transducer:	15" Neodymium
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	2 x SPKn
Dimensions (W x H x D):	490 x 730 x 400 mm
Weight:	19,5 kg

LDPR15A

15"/1" active ND cabinet with built in Class D B&O SMPS amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPR15 but with built in Class D B&O SMPS amplifier, 450 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 3-band equalisation with master gain, XLR and Jack 6,3 mm line-out, ground lift, signal LED.

Model Name/ Type:	LDPR15A / Bass Reflex
Frequency Response:	50 Hz - 19 kHz
Power Output (RMS):	450 W RMS/ 4 Ω
Sensitivity (1W/ 1m):	100 dB
LF Transducer:	15" Neodymium
HF Transducer:	1"
Dispersion:	120° x 60°
Connectors:	Input: Line: XLR, RCA / Mic: XLR, 6,3mm Jack / Output: XLR, 6,3mm Jack
Dimensions (W x H x D):	490 x 730 x 400 mm
Weight:	20,5 kg

LD PRO SERIES



8" OVERVIEW

LDP82

8"/1" passive Cabinet, 100 W RMS, 8 Ω, 92 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 26 mm, 8" bass speaker with 1" screwed horn driver on CD-Horn, SPKn Output, rigging points.

Model Name/ Type:	LDP82 / Bass Reflex
Frequency Response:	80 Hz - 15 kHz
Rated System Power (Cont./ Peak):	100 W/ 200 W
Sensitivity (1W/ 1m):	92 dB
Impedance:	8 Ω
LF Transducer:	8"
HF Transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x SPKn
Dimensions (W x H x D):	295 x 420 x 235 mm
Weight:	8,2 kg

LDP82A

8"/1" active Cabinet with integrated Bi-Amp Amplifier

TECHNICAL DATA AND FEATURES:

Design as LDP82 but with built in bi-amp amplifier section, 80 W + 40 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, clip LED, ground lift, switchable "Bass Boost" + 3 dB @ 100Hz

Model Name/ Type:	LDP82A / Bass Reflex
Frequency Response:	80 Hz - 15 kHz
Power Output (RMS):	80 W + 40 W
Sensitivity (1W/ 1m):	92 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



10" OVERVIEW

LDP102

10"/1" passive Cabinet, 150 W RMS, 8 Ω, 93 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 10" bass speaker with 2" voice coil, 1" screwed horn driver on CDHorn, built in handle, SPKn output, rigging points.

Model Name/ Type:	LDP102 / Bass Reflex
Frequency Response:	75 Hz - 16 kHz
Rated System Power (Cont./ Peak):	150 W/ 300 W
Sensitivity (1W/ 1m):	93 dB
Impedance:	8 Ω
LF Transducer:	10"
HF Transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x SPKn
Dimensions (W x H x D):	360 x 500 x 270 mm
Weight:	11 kg

LDP102A

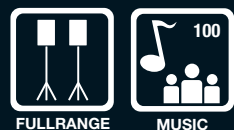
10"/1" active Cabinet with integrated Bi-Amp Amplifier

TECHNICAL DATA AND FEATURES:

Design as LDP102 but with built in bi-amp amplifier section, 140 W + 40 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, clip LED, ground lift, switchable "Bass Boost" + 3 dB @ 100Hz

Model Name/ Type:	LDP102A / Bass Reflex
Frequency Response:	75 Hz - 16 kHz
Power Output (RMS):	140 W + 40 W
Sensitivity (1W/ 1m):	93 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

LD PRO SERIES



12" OVERVIEW

LDPN1222

12"/1" ND passive Cabinet, 250 W RMS, 8 Ω, 98 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 12" ND cast-frame speaker with 2.5" voice coil, 1" screwed horn driver on CD-Horn, built in handle, SPKn Output, ground lift, rigging points.

Model Name/ Type:	LDPN1222 / Bass Reflex
Frequency Response:	60 Hz - 18 kHz
Rated System Power (Cont./ Peak):	250 W/ 500 W
Sensitivity (1W/ 1m):	98 dB
Impedance:	8 Ω
LF Transducer:	12" Neodymium
HF Transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x SPKn
Dimensions (W x H x D):	430 x 580 x 315 mm
Weight:	16,5 kg

LDPN122A2

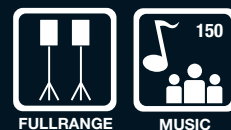
12"/1" ND active Cabinet with integrated Bi-Amp Amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPN1222 but with built in bi-amp amplifier section. 190 W + 60 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, clip LED, ground lift, switchable "Bass Boost" + 3 dB @ 100Hz

Model Name/ Type:	LDPN122A2 / Bass Reflex
Frequency Response:	60 Hz - 18 kHz
Power Output (RMS):	190 W + 60 W
Sensitivity (1W/ 1m):	98 dB
LF Transducer:	12" Neodymium
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

LD PRO SERIES



15" OVERVIEW

LDPN1522

12"/1" ND passive Cabinet, 300 W RMS, 8 Ω, 99 dB

TECHNICAL DATA AND FEATURES:

Trapezoid polypropylene enclosure with built in stand mount ø 36 mm, 15" ND cast-frame speaker with 3" voice coil, 1" screwed horn driver on CD-Horn, built in handle, SPKn Output, ground lift, rigging points.

Model Name/ Type:	LDPN1522 / Bass Reflex
Frequency Response:	55 Hz - 18 kHz
Rated System Power (Cont./ Peak):	300 W/ 600 W
Sensitivity (1W/ 1m):	99 dB
Impedance:	8 Ω
LF Transducer:	15" Neodymium
HF Transducer:	1"
Dispersion:	90° x 40°
Connectors:	2 x SPKn
Dimensions (W x H x D):	450 x 685 x 380 mm
Weight:	22 kg

LDPN152A2

15"/1" ND active Cabinet with integrated Bi-Amp Amplifier

TECHNICAL DATA AND FEATURES:

Design as LDPN1522 but with built in bi-amp amplifier section, 220 W + 60 W RMS, input 6.3 mm jack and XLR microphone with gain control, line input (RCA-Phono and XLR) with gain control, 2-band equalisation with master gain, XLR and Jack 6.3 mm line-out, clip LED, ground lift, switchable "Bass Boost" + 6 dB @ 100 Hz

Model Name/ Type:	LDPN152A2 / Bass Reflex
Frequency Response:	55 Hz - 18 kHz
Power Output (RMS):	220 W + 60 W
Sensitivity (1W/ 1m):	99 dB
LF Transducer:	15" Neodymium
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

WILDTHANG200



LD WILDTHANG200

CLASS A/B 2 x 220 W POWER AMPLIFIER

Conventional technology Class A/B Power Amplifier with ring transformer. The WILDTHANG200 has been purposely kept simple, guaranteeing a high degree of reliability, with all the standard in/outputs, display LED's and protection circuitry. The amplifier is perfect for use by DJ's, small bands and entertainers, for smaller installations and, as it requires no cooling fan, also for home recording. An excellent value amplifier for all budget requirements.

SPECIFICATIONS

Article No.:	LDDJ200
Output Power @ 1 KHz	
2 Ω :	-
4 Ω :	2 x 220 W
8 Ω :	2 x 140 W
Bridge 4 Ω :	-
Bridge 8 Ω :	-
Frequency Range:	20 Hz - 20 kHz +/- 0.5 dB
Input Sensitivity:	0.775 V / 1.0 V / 1.44 V
S/N ratio:	> 100 dB
Protection:	DC, Temp, Short circuit, Over Current, AC Line fuse
Indicators:	Power, Signal, Limit, Protect
Connectors:	Input: Balanced 6.3 mm jack + Unbalanced RCA Phono sockets /Output: Speakon / Binding post
Power supply:	230V / 50 Hz
Dimension (W x H x D):	483 x 88 x 240 mm
Weight:	10.2 kg

SP1800/600



SP1800



SP600



LD SP1800/600

PROFESSIONAL SWITCH MODE POWER AMPLIFIER

The SP1800 (Class-H) and SP600 (Class-A/B) are professional two-channel power amps with a newly developed switched power supply. The decisive advantage of the new switched power supply is that it replicates the energy storage provided by conventional transformer/rectifier/electrolytic capacitor power supply units. This has been achieved by sophisticated control electronics, combined with very large storage electrolytic capacitors on both the primary and secondary side of the power supply. The power amps thus have unrestricted applicability even in the bass range, which was previously the domain of classical power amplifiers. It goes without saying that the power amps also feature modern protective circuits. All operating modes are indicated by LEDs on the front panel. The power amps permit operation in all modes including bridge mode with a load up to 2 Ω (see technical specification). The direction of the air flow is from back to front.

SPECIFICATIONS

Article No.:	LDSP1800	LDSP600
Output Power @ 1 KHz		
2 Ω :	2 x 1550 W	2 x 850 W
4 Ω :	2 x 1250 W	2 x 550 W
8 Ω :	2 x 900 W	2 x 300 W
Bridge 4 Ω :	2700 W	1400 W
Bridge 8 Ω :	2150 W	1000 W
Frequency Range:	20 Hz - 20 kHz +/- 0.5 dB	20 Hz - 20 kHz +/- 0.5 dB
Input Sensitivity:	0.775 V / 1.0 V / 1.44 V	0.775 V / 1.0 V / 1.44 V
S/N ratio:	> 100 dB	> 100 dB
Crosstalk:	> 85 dB	> 85 dB
Damping Factor:	> 300	> 200
Protection:	DC, Temp, Short circuit, Voltage limiter, AC Line fuse	
Indicators:	Power, Protect, Limit, Stereo, Limit, Stereo, Bridge, Parallel	
Connectors:	Input: XLR / 6.3 mm jack (combo) / Link output: XLR, Output: 3 x SPK	
Cooling system:	Low noise, variable speed fans	
Power supply:	SMPS	
Dimension (W x H x D):	483 x 88 x 484 mm	483 x 44 x 499 mm
Weight:	15 kg	10.3 kg

PA400/800/1000

PA1600-X



PA400/800/1000

These power amplifiers operate with a conventional toroidal transformer power supply. The circuitry is completely balanced with a feedback of only 20 dB, resulting in a very fast power amplifier with only slight distortion. In particular, the rough, unpleasant sound associated with TIM distortion is suppressed. The amplifier has a Class H design, which means that the operating voltage changes depending on the signal level. This improves efficiency, considerably reducing the

amount of heat generated by the amplifier. Superfast, high-performance bipolar transistors are used for the power amplifier. They are rated for three times the maximum power dissipation of the amplifier, thus providing an enormous safety factor. Short-circuit protection is therefore not required until there is a load of less than 2 Ω and a phase shift of 45 degrees due to reactive load. These power amplifier naturally features all of the other standard protection circuits, including a clip limiter. The direction of the air flow is from back to front.

SPECIFICATIONS

Article No.:	LDPA400 (Class A/B)	LDPA800 (Class H)	LDPA1000 (Class H)
Output Power @ 1 KHz			
2 Ω :	-	-	-
4 Ω :	2 x 350 W	2 x 650 W	2 x 800 W
8 Ω :	2 x 220 W	2 x 400 W	2 x 500 W
Bridge 4 Ω :	-	-	-
Bridge 8 Ω :	650 W	1000 W	1200 W
Frequency Range:	20 Hz - 20 kHz (+ / - 0.25 dB)		
Protection:	DC, Temp, Short circuit, Over current, AC Line fuse		
Connectors:	Input: XLR / 6.3mm jack (combo) /Link output: XLR, Output: SPKn / Binding post		
Power Supply:	AC ~ 230V / 50-60 Hz		
Cooling:	High efficiency, two speed auto controlled fan		
Damping factor:	> 500		
Input Sensitivity:	1.0 V		
Dimension (W x H x D):	483 x 88 x 395 mm		
Weight:	14.9 kg	17.6 kg	21.1 kg

PA1600-X

The flagship of the LD Systems amplifier series is called the LD PA1600X. In an attempt to fulfil the wishes of our customers, we have extended the LD range to include a more powerful amplifier that can also be used with a 2 Ω output. The important features are: 2 x 1100 W in 4 Ω and 2 x 780 W in 8 Ω . Like the smaller models, the PA1600X uses a class H configuration with bi-polar transistors and aconventional power supply.

The circuit protection is identical to the LD PA1000. The cooling fan is also temperature controlled in two stages. Special features include a low-cut filter and a switchable lo-pass filter adjustable up to 1200 Hz, so that the amplifier can be used as a sub-bass driver without the necessity of a separate crossover. The direction of the air flow is from back to front.

SPECIFICATIONS

Article No.:	LDPA1000 (Class H)
Output Power @ 1 KHz	
2 Ω :	2 x 1500 W
4 Ω :	2 x 1100 W
8 Ω :	2 x 780 W
Bridge 4 Ω :	2250 W
Bridge 8 Ω :	1750 W
Frequency Range:	20 Hz - 20 kHz (+ / - 0.25 dB)
Protection:	DC, Temp, Short circuit, Over current, AC Line fuse
Connectors:	Input: XLR / 6.3mm jack (combo) /Link output: XLR, Output: SPKn / Binding post
Power Supply:	AC ~ 230V / 50-60 Hz
Cooling:	High efficiency, two speed auto controlled fan
Damping factor:	> 500
Input Sensitivity:	1.0 V
Dimension (W x H x D):	483 x 88 x 395 mm
Weight:	14.9 kg

DEEP² SERIES

COMING SOON...

NEW!



LD DEEP² DYNAMIC EFFICIENT ENGINEERED POWERAMPS

The new DEEP² amp series features four class-H power amplifiers with toroidal core offering amplifying levels from 2 x 350 W till 2 x 800 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.

SPECIFICATIONS

Model Name:	DP600	DP1600	DP2100	DP4950
Output Power @1 kHz				
2 Ω	2 x 300 W	2 x 800 W	2 x 1050 W	4 x 930 W
4 Ω	2 x 350 W	2 x 670 W	2 x 800 W	4 x 810 W
8 Ω	2 x 250 W	2 x 450 W	2 x 550 W	4 x 490 W
Bridge 4 Ω	640 W	1600 W	2010 W	2 x 1800 W
Bridge 8 Ω	700 W	1380 W	1530 W	2 x 1600 W
Frequency Range:	20 Hz - 20 kHz			
Protection:	DC, Temp, Short circuit, Over current			
Connectors:	Input: XLR / 6,3mm jack (Combo) / Link output: XLR/ Output: SPKn / Binding post			
Power Supply:	AC ~ 230V / 50-60 Hz			
Dimension (W x H x D):	483 x 88 x 350 mm			
Weight:	12,8 kg	15,9 kg	16 kg	19,6 kg



LD **LAX** SERIES THE MIXING SOLUTION

With 9 models, LD Systems is now celebrating its first debut in the broad mixer segment. LD Systems presents the brand new LAX mixer series in elegant & timeless design for cost-conscious users who are unwilling to lower their expectations in terms of sound quality, functionality or dependability. From the compact LAX6 or LAX6D mixers (6-channel, alternatively with a 24-bit DSP multieffects processor with 100 presets) to the LAX8D, LAX12D or the flexible LD MIX 16-channel LAX16D with 8 XLR microphone inputs and the 24-bit DSP with 100 presets, no compromises were made. The product line is rounded out by the LAX12DA power mixer with 2 x 300 W RMS incl. DSP, the 10-channel LAX6BMDA active box mixer with 2 x 220 W RMS and DSP as well as the LAX4.1DJ mixer in 19" format.

The LAX Series mixers have a natural sound with outstanding parameters and optimal user-friendliness as well as maximum dependability in day-to-day operation on the road. This makes them the perfect, affordable solution for a broad range of applications. Whether live on stage, home/project recording or installations of all kinds such as community centers, churches, and bars/bistros, the LAX series offers the right solution for many applications. Continuous on-site quality control according to ISO9001 ensures high dependability and high quality.

LD LAX5



LD LAX5 5 CHANNEL MIXING CONSOLE

The LAX5 mixing console has a total of 3 input channels: 1 MIC input (mono) and 2 line inputs (stereo).

Article No.: LDLAX5

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life

MAIN-SECTION

- 2-track routing to main mix bus (L/R) or control room/headphone output
- LED level meter (4 segments) for output level display
- Main mix source matrix: 2-track
- Control room source matrix: main mix, 2-track

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- Warm and natural sounding 2-band EQ
- Peak LED

STEREO CHANNELS

- Left input for mono signals

PHYSICAL DATA

- Dimensions (W x D x H): 138 mm x 220 mm x 28 / 45 mm
- Weight: 0.7 kg

LD LAX6/LAX6D



LD LAX6/LAX6D 6 CHANNEL MIXING CONSOLE WITH AND WITHOUT INTEGRATED DFX EFFECT PROCESSOR

The LAX6 / LAX6D mixing console has a total of 4 input channels: 2 MIC inputs (mono) and 2 line inputs (stereo).

Article No.: LDLAX6 / LDLAX6D

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life

MAIN-SECTION

- 2-track routing to main mix bus (L/R) or control room/headphone output
- 1 x stereo AUX return usable as additional line input
- LED level meter (8 segments) for output level display
- Main mix source matrix: 2-track
- Control room source matrix: main mix, 2-track
- Balanced jack (TRS) outputs
- Built-in DSP multi-effects processor with 100 presets (LAX6D only)
- Switchable phantom power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with fixed mid-band frequency of 2.5 kHz
- 1 x AUX send for external effects or monitoring
- Peak LED

STEREO CHANNELS

- Left input for mono signals
- 3-band EQ with fixed mid-band frequency
- 1 x AUX send for external effects or monitoring
- Peak LED

PHYSICAL DATA

- Dimensions (W x H x D): 178 mm x 70 mm x 295 mm
- Weight: 2 kg

ACCESSORIES

- 19" Rack Mount Kit (Article No. LDLAX6RK)

LD LAX8D



LD LAX8D

8 CHANNEL MIXING CONSOLE WITH INTEGRATED DFX EFFECT PROCESSOR

The LAX8D mixing console has a total of 6 input channels: 4 MIC inputs (mono) and 2 line inputs (stereo).

Article No.: LD LAX8D

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life

MAIN-SECTION

- 2-track routing to main mix bus (L/R) or control room/headphone output
- 2 x stereo AUX returns usable as additional line inputs
- LED level meter (12 segments) for output level display
- Main mix source matrix: 2-track
- Control room source matrix: main mix, 2-track
- Balanced XLR and jack (TRS) outputs
- Built-in DSP multi-effects processor with 100 presets
- Footswitch for remote control of the effects section
- Switchable phantom power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- High-pass filter (low cut, 75 Hz), 18 dB/oct. slope
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with fixed mid-band frequency of 2.5 kHz
- 2 x AUX send for internal effect, external effects or monitoring
- AUX2 switchable between post-fader and pre-fader
- Peak LED

STEREO CHANNELS

- Left input for mono signals
- 3-band EQ with fixed mid-band frequency
- 2 x AUX send for internal effect, external effects or monitoring
- AUX2 switchable between post-fader and pre-fader
- Peak LED

PHYSICAL DATA

- Dimensions (W x H x D): 275 mm x 80 mm x 353 mm
- Weight: 3.42 kg

ACCESSORIES

- 19" Rack Mount Kit (Article No. LD LAX8RK)

LD LAX12D (USB)

NEW!



LD LAX12D (USB)

12 CHANNEL USB MIXING CONSOLE WITH DSP AND USB MP3 PLAYER

The LAX12D mixing console has a total of 8 input channels: 4 MIC inputs (mono) and 4 line inputs (stereo).

Article No.: LD LAX12D

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life
- Quality assurance in accordance with ISO 9001
- Incl. 19" Rack Mount Kit
- Built in power supply

MAIN-SECTION

- 2-track path with independent level control, routing to main mix bus or control room/headphone output
- 2 x stereo AUX returns usable as additional line inputs
- LED level meter (12 segments) for output level display
- Main mix source matrix: ALT3-4, 2-track
- Control room source matrix: main mix, ALT3-4, 2-track
- Balanced XLR and jack (TRS) outputs
- Built-in DSP multi-effects processor with 100 presets
- Footswitch for remote control of the effects section
- Switchable phantom Power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- High-pass filter (low cut, 75 Hz), 18 dB/oct. slope
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with semiparametric midrange control
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

STEREO CHANNELS

- Left input for mono signals
- Operating level switch: +4 dBu for professional equipment, -10 dBV for hi-fi equipment, etc.
- 4-band EQ with 2 fixed mid-band frequencies at 500 Hz and 3 kHz
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

PHYSICAL DATA

- Dimensions (W x H x D): 315 mm x 86 mm x 436 mm
- Weight: 5.1 kg

LD LAX12DA



LD LAX12DA

12 CHANNEL POWER MIXER (2 x 300 W) WITH INTEGRATED DFX EFFECT PROCESSOR

The LAX12DA power mixer has a total of 8 input channels: 4 MIC inputs (mono) and 4 line inputs (stereo).

Article No.: LD LAX12DA

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life
- Quality assurance in accordance with ISO9001
- Built in power supply

MAIN -SECTION

- 2-track path with independent level control, routing to main mix bus or control room/headphone output
- 2 x stereo AUX returns usable as additional line inputs
- LED level meter (12 segments) for output level display
- Main mix source matrix: ALT3-4, 2-track
- Control room source matrix: main mix, ALT3-4, 2-track
- Balanced XLR and jack (TRS) outputs
- Built-in DSP multieffects processor with 100 presets
- Footswitch for remote control of the effects section
- High-efficiency switching mode power supply
- Output rating 300 W RMS, 350 W/channel (EIAJ)
- Switchable phantom power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- High-pass filter (low cut, 75 Hz), 18 dB/oct. slope
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with semiparametric midrange control
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

STEREO CHANNELS

- Left input for mono signals
- Operating level switch: +4 dBu for professional equipment, -10 dBV for hi-fi equipment, etc.
- 4-band EQ with fixed mid-band frequencies at 500 Hz and 3 kHz
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

PHYSICAL DATA

- Dimensions (W x H x D): 425 mm x 161 mm x 427 mm
- Weight: 10.85 kg

ACCESSORIES

- 19" Rack Mount Kit (Article No. LD LAX12RK)

LD LAX16D



LD LAX16D

16 CHANNEL MIXING CONSOLE WITH INTEGRATED DFX EFFECT PROCESSOR

There are a total of 12-Channel inputs for the LAX16D mixing console: 8 mono MIC inputs and 4 stereo Line Inputs.

Article No.: LD LAX16D

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life
- Quality assurance in accordance with ISO 9001
- Built in power supply

MAIN -SECTION

- 2-track input with independent level control, routing to main mix bus or control room/headphone output
- 2 x stereo AUX returns usable as additional line inputs
- LED level meter (12 segments) for output level display
- Main mix source matrix: ALT3-4, 2-track
- Control room source matrix: main mix, ALT3-4, 2-track
- Balanced XLR and jack (TRS) outputs
- Built-in DSP multieffects processor with 100 presets
- Footswitch for remote control of the effects section
- High-efficiency switching mode power supply
- Switchable phantom power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- High-pass filter (low cut, 75 Hz), 18 dB/oct. slope
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with semiparametric midrange control
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

STEREO CHANNELS

- Left input for mono signals
- Operating level switch: +4 dBu for professional equipment, -10 dBV for hi-fi equipment, etc.
- 4-band EQ with fixed mid-band frequencies at 500 Hz and 3 kHz
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

PHYSICAL DATA

- Dimensions (W x H x D): 420 mm x 86 mm x 436 mm
- Weight: 6.35 kg

ACCESSORIES

- 19" Rack Mount Kit (Article No. LD LAX16RK)

LD LAX20D

NEW!



LD LAX20D

20 CHANNEL MIXING CONSOLE WITH INTEGRATED DFX EFFECT PROCESSOR

There are a total of 16-Channel inputs for the LAX20D mixing console: 12 mono MIC inputs and 4 stereo Line Inputs.

Article No.: LDLAX20D

DSP PRESET FUNCTIONS

- 00 - 09: Echo
- 10 - 19: Echo+Verb
- 20 - 29: Tremolo
- 30 - 39: Plate
- 40 - 49: Chorus
- 50 - 59: Vocal
- 60 - 69: Rotary
- 70 - 79: Small Room
- 80 - 89: Flanger+Verb
- 90 - 99: Large Hall

FEATURES

- Especially high headroom and dynamic range
- Extra low-distortion preamps
- Outstanding performance with excellent noise behaviour
- High-quality potentiometers/faders with smooth feel
- Robust construction for long service life
- Quality assurance in accordance with ISO 9001
- Built in power supply

MAIN -SECTION

- 2-track input with independent level control, routing to main mix bus or control room/headphone output
- 2 x stereo AUX returns usable as additional line inputs
- LED level meter (12 segments) for output level display
- Main mix source matrix: ALT3-4, 2-track
- Control room source matrix: main mix, ALT3-4, 2-track
- Balanced XLR and jack (TRS) outputs
- Built-in DSP multieffects processor with 100 presets
- Footswitch for remote control of the effects section
- High-efficiency switching mode power supply
- Switchable phantom power

MONO CHANNELS

- Mic inputs: XLR (gold plated) plus 1/4" jack
- Gain (trim): up to 40 dB
- High-pass filter (low cut, 75 Hz), 18 dB/oct. slope
- Insert path for connecting external signal processors
- Warm and natural sounding 3-band EQ with semiparametric midrange control
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

STEREO CHANNELS

- Left input for mono signals
- Operating level switch: +4 dBu for professional equipment, -10 dBV for hi-fi equipment, etc.
- 4-band EQ with fixed mid-band frequencies at 500 Hz and 3 kHz
- 2 x AUX send for internal effects, external effects or monitoring
- AUX1 post-fader/pre-fader, AUX2 post-fader/pre-fader switchable
- Peak LED
- Mute/ALT3-4
- PFL/solo function for adjusting channel input level

PHYSICAL DATA

- Dimensions (W x H x D): 540 mm x 90 mm x 420 mm
- Weight: 7,6 kg

LD LAX4.1



LD LAX4.1

4 CHANNEL DJ-MIXER

The DJ mixer series with built-in preamp stands out because of its outstanding performance and comprehensive equipment – the perfect partner for your events.

Article No.: LD LAX4.1

FEATURES

- 4U rack unit
- 4-band master EQ, dual LED master level meter and CUE indicator
- 3-band EQ per channel (high, mid, low)
- CUE mix: Push-button CUE plus LED indicator (green) per channel
- MIC input: Combo jack (XLR-1/4")
- Talkover feature with sensitivity control
- BNC lamp connector
- Headphone connector (1/4" jack)
- 2-band MIC EQ plus volume control
- Selectable crossfader
- Front AUX input (RCA) for MP3 players, computers and other audio sources
- Inputs: 5 x line, 2 x MIC, 3 x phono/aux (switchable, RCA)
- Outputs: Master (XLR and 1/4" jack); record, booth, send (RCA); zone (1/4" jack)
- 115/230 V, switchable

INPUTS (EACH FOR 0 DBU OUTPUT VOLTAGE)

- Mic: -55 dB
- Line/Aux: -10 dB
- Phono: -50 dB

S/N RATIO (EACH A-WEIGHTED)

- Mic: 78 dB
- Line/Aux: 88 dB
- Phono: 80 dB

MAIN-EQUALIZER

- +/-10 dB @ 60 Hz, 800 Hz, 6,3 kHz, 15 kHz

FREQUENCY RESPONSE

- Mic: 80 Hz - 18 kHz +/-0.5 dB
- Line/Aux: 20 Hz - 22 kHz +/-0.5 dB
- Phono: +/-1 dB (exception: controlled attenuation of -3 dB @ 20 Hz to reduce rumble and feedback)

OUTPUTS

- Line: 9 V RMS = +21 dBu max.
- Headphone Amp: 0.5 W @ 47 ½
- Distortion: < 0.05%

CONTROLS (FRONT)

- Switchable crossfader
- Cue options: split/blend
- 4-band main EQ (+/-10 dB)
- Power switch
- Stereo level meter for master and cue
- Cue function on all channels
- Neutrik combo connector (XLR – 1/4" jack) for DJ mic
- BNC lamp connector (front)

CONTROLS (REAR)

- Stereo RCA inputs for CH 1-4
- Balanced output, XLR and 1/4" jack
- Outputs (RCA): Master, booth, zone, rec., send
- Power supply 115 V / 230 V, switchable

PHYSICAL DATA

- Dimensions (WxHxD): 480 mm x 108 mm x 180 mm
- Weight: 4.7 kg

LD PM122/162

2 x 800 W POWER-MIXER



LD PM122/162 12/16 CHANNEL POWER MIXER 2 x 800 W

The Powermixer PM122 / PM162 designed in Germany exclusively for LD Systems includes all the features needed to operate a small high quality Club-PA with the minimum of wiring. The mixer has 12 (16) channels, 8 (12) of which are mono, with line and microphone inputs. The remaining channels, 9 / 10 and 11 / 12 are set up as stereo line inputs. Each individual channel has switchable phantom power with LED, gain control, Hi, Lo and semi-parametric Mid tone controls. Low frequency hum or noise can be filtered out with the help of the LoCut switch. There are 4 Sends: FX post-fade, 2 x Monitor pre-fade and one Auxiliary switchable pre/post-fade, Pan, Mute with LED, PFL with LED Level Meter which also doubles as Peak indicator and a 100 mm Fader completing an impressive configuration for its class. The stereo channels are similar but utilise the simplified, classic Hi and Lo tone controls. The master section is full of well thought out, useful details. All FX, Monitor, and AUX sends are controlled with 100 mm Faders. The master LR also utilises a 100 mm stereo fader.

The built-in 14 preset digital effect unit offers a choice of the most popularly used combinations of echo, delay and reverb. Using versatile routing, the effect signal can not only be returned to the master LR outputs, but also be introduced into the two Monitor sends, as well as the Auxiliary send. The internal effects can be switched off using an optional footswitch. A nine band graphic equaliser can be switched between the LR outputs or the two monitor channels to shape the sound. This can also be switched off to compare the tonal effect with the unregulated sound.

Beside the stereo LR master is a regulated mono output with a switchable Lo-pass filter allowing you to feed a sub-woofer without the need of a separate crossover. Naturally there is also an obligatory controllable headphone output, as well as two RCA phono sockets with volume control for recording purposes. Besides individual Mute and PFL/AFL monitor functions, all with LEDs, for each channel, there is also a Standby switch which mutes the complete console except for the Tape/CD inputs. This allows music to run during live performance breaks.

The integrated stereo power amplifier delivers 2 x 800 W into 4 Ω and 2 x 500 W into 8 Ω . The amplifier has a Class H configuration to improve its efficiency and reduce its operating temperature. The outputs are connected using Speakon sockets to the loudspeakers.

Using a simple routing arrangement, the amplifiers can be internally connected to the two monitor signal paths or the main LR outputs, combined with other routing possibilities using the jack inserts. All relevant outputs are semi-balanced with a floating ground using TRS jacks. The amplifier can be fed from an external source using the switchable jack sockets (inserts) over its own volume controls. The master section also has insert sockets for use with external effect units. Signal paths can be monitored utilising the 2 x 12 point LED strip. The stereo amplifier inputs also have separate Signal and Clip LEDs.

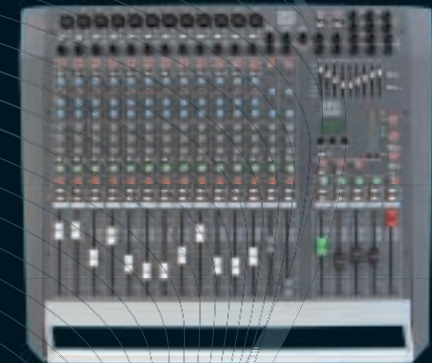
SPECIFICATIONS

- Article No.: LDPM122 / LDPM162
- Portable with carrying handle, or 19" rack mounted using provided rack ears (only 12 CHN).
- Size (W x D x H):
PM122: 539 mm x 539 mm x 178 mm
PM162: 635 mm x 539 mm x 178 mm
- Rack (W x H x D) 484 mm x 446 mm x 178 mm
- Built-in BNC socket for 12 V lamp
- Weight: PM122: 23 kg / PM162: 24.5 kg

19" mounting angles and Gig-Bag are included in delivery!

EACH CHANNEL

Input:		Impedance	Sensitivity
1 - 8 (12) MIC IN	XLR balanced	2 k	-63 to +5 dBu
LINE IN	Jack balanced	> 30 k	-25 to +10 dBu
9 - 12 ST 9, 10 L,R	Jack unbalanced	> 10 k	-10 dBu max
ST 11, 12 L,R	Jack unbalanced	> 10 k	-10 dBu max
2-TRK Tape	50 - 16000 Hz	> 10 k	0 dBu
EXT FX, AUX, LR	Jack unbalanced	> 10 k	0 dBu
A,B AMP	Jack unbalanced	> 10 k	0 dBu
Controls:	Gain, 3 EQ, 2 pre-fade, 1 post fade 1 pre/post switchable		
Outputs:			
L,R	Jack floating	< 75	0 dBu
MONO	Jack floating	< 75	0 dBu
MON1, MON2, AUX, FX	Jack floating	< 75	0 dBu
2TRK Rec. OUT	RCA phono unbal.	< 75	0 dBu
Master Inserts: L,R	Jack unbalanced	> 75	0 dBu
Headphones:	Stereo jack Tip = L, Ring = R 30 to 300 Ω , 100 Ω recommended		
Speaker:	Speakon Pin 1+, to Speaker positive, Pin 1- to Speaker Minimum load: 4 Ω		
Nominal output level:	0 dBu (0.775 V rms)		
Frequency response:	+/-1 dB 20 Hz to 20 kHz		
Distortion:	< 0.006 % THD+N @ 1 kHz + 10 dBu		
Crosstalk:	< -90 dB channel to channel @ 1 kHz < -95 dB Mute shutoff / < -95 dB Fader shutoff		
Channel HPF:	100 Hz 12 dB / octave		
Channel EQ	3 band semi-parametric +/- 15 dB gain / HF shelving 12 kHz / HM bell 350 Hz - 7 kHz / LF shelving 60 Hz		
Output EQ	9 band graphic equalizer 63 / 125 / 250 / 500 / 1 k / 2 k / 4 k / 8 k / 16 kHz		
Mono Sub LPF	100 Hz 12 dB/octave		
Faders	100 mm		
Digital Effects	14 presets, parameter edit		
Amp. Configuration	Class H bipolar		
Power output	800 W + 800 W RMS into 4 Ω / 500 W + 500 W RMS into 8 Ω		
Distortion	< 0.02 % THD + N @ 1 kHz		
Protection	Short circuit, overload, DC, thermal		
Cooling	Thermally controlled fan		



A new and improved design including a new DSP. The PM162 is the bigger brother of the PM122, it offers 4 additional mono channels. Otherwise the configuration and power is the same in both models. The new DSP section's easy to use and offers 128 Effects.

LD D1027 PREMIUM MICROPHONE SET



A Drum microphone set consisting of 7 microphones. It includes 4 microphone clips which can be clamped onto the rims of the drum set. The set consists of one Bass drum microphone, four tom/snare microphones and two condenser microphones for the overheads (with an own power supply via AA batteries i.e. no phantom power necessary). Top performance – the set comes in a high quality case.

SPECIFICATIONS

Product:	Bass-Drum (1x)	Overhead (2x)	Tom Tom/Snare (4x)
Type:	Dynamic	Back Electret Cond.	Dynamic
Polar Pattern:	Cardioid	Cardioid	Cardioid
Frequency response:	60 - 12000 Hz	80 - 18000 Hz	100 - 12000 Hz
Sensitivity:	- 60 dBV / Pa	- 53 dBV / Pa	- 60 dBV / Pa
Rated impedance:	500 Ω	200 / 250 Ω (Phantom/ Battery)	600 Ω
Max. SPL:	/	125 dB	/
Signal to Noise Ratio:	/	65 dB	/
Dynamic Range:	/	125 dB	/
Power Supply:	/	11 - 52 V DC or 1.5 V VAA	/
Current consumption:	/	2 mA	/
Connector:	3 pin XLR gold-plated	3 pin XLR gold-plated	3 pin XLR gold-plated
Dimension:	\varnothing 65 x 98 mm	\varnothing 22 x 195 mm	\varnothing 48 x 78 mm
Weight:	307 g	185 g	193 g

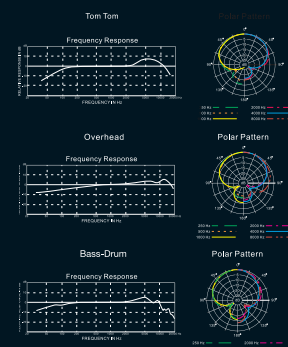
LDI02 ACTIVE DI-BOX

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 usage, 9 V Battery not included.

SPECIFICATIONS

Ground lift, frequency response
20 Hz - 200 kHz, THD < 0.05 % at 1 kHz, noise floor - 100 dBu, input impedance > 1 MW, load impedance < 100 Ω .
Input: 6.3 mm mono jack + XLR, link out: 6.3 mm mono jack, output: balanced XLR, maximum input level: + 10 / + 30 dBu

LD MICROPHONES DRUM & INSTRUMENT



7-PIECE DRUM MIC SET

Article No.: LDD1017

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 clips in a hard case. **Top cost/performance ratio!**

SPECIFICATIONS

Product:	Bass-Drum (1x)	Overhead (2x)	Tom Tom/Snare (4x)
Type:	Dynamic	Back Electret Cond.	Dynamic
Polar Pattern:	Supercardioid	Supercardioid	Supercardioid
Frequency response:	50 - 16000 Hz	40 - 18000 Hz	80 - 12000 Hz
Sensitivity:	- 55 dBV / Pa (1.78 mV / Pa)	- 41 dBV / Pa (8.91 mV / Pa)	- 51 dBV / Pa (2.82 mV / Pa)
Rated impedance:	200 Ω	200 Ω	200 Ω
Min. Load impedance:	/	1000 Ω	/
Max. SPL:	147 dB	137 dB (THD \leq 1% 1000 Hz)	150 dB
Signal to Noise Ratio:	/	74 dB	/
Dynamic Range:	/	112 dB	/
Power Supply:	/	9 - 48 V Phantom	/
Current consumption:	/	2 mA	/
Connector:	3 pin XLR gold-plated	3 pin XLR gold-plated	3 pin XLR gold-plated
Dimension:	\varnothing 46 x 100 mm	\varnothing 21 x 200 mm	\varnothing 46 x 100 mm
Weight:	260 g	150 g	240 g



LD PRO SERIES

Our Pro Series for instrumental and vocal reproduction. Three models cover almost every application. All models are manufactured using only specially selected components and are subject to strict quality controls in accordance with ISO 9001.

D1007: Dynamic supercardioid microphone for bass drum and other bass instruments.

D1008: Dynamic supercardioid microphone with short body. Ideal for snare, toms, guitar backline and other instruments. (loose low-mid range)

D1009: Condenser microphone for overheads, hi-hat and percussion.

SPECIFICATIONS

Article No.:	D1007	D1008	D1009
Type:	Dynamic	Dynamic	Condenser Polar
Pattern:	Super Cardioid	Super Cardioid	Super Cardioid
Frequency response:	20 Hz - 10000 Hz	50 Hz - 16000 Hz	50 Hz - 20000 Hz
Sensitivity (dBV/pa):	- 64 (0.63 mv/pa)	- 54 (2.0 mv/pa)	- 45 (6.0 mv/pa)
Rated impedance:	300 Ω	300 Ω	200 Ω
Dimension:	\varnothing 58 x 140 mm	\varnothing 43 x 123 mm	\varnothing 29 x 238 mm
Weight:	350 g	185 g	280 g
Max.SPL:	170 dB (THD 1 % 1000 Hz)	150 dB (THD 1 % 1000 Hz)	140 dB (THD 1 % 1000 Hz)

D 1009

- Element: Pressure Gradient, transformerless circuitry
- Dynamic Range: 115 dB
- Power Supply: 9-48 Phantom
- Current Consumption: 2 mA
- Minimum load Impedance: 1000 Ω

LD VOCAL MICROPHONES

D1122 PROFESSIONAL

The D1122 professional condenser microphone features a fixed cardioid polar pattern and is designed for use in studios, concert halls and broadcast applications. This microphone is well known for its wide frequency response, smooth response curve, large dynamic range and low distortion. The D1122 features an exterior low-frequency attenuation switch and sensitivity attenuation switch, making it exceptionally user friendly and practical. Supplied with deluxe case and spider suspension mount.

SPECIFICATIONS

Article No.:	LDD1122
Frequency response:	25 Hz - 20 kHz
Polar Pattern:	Cardioid
Sensitivity:	14 mV/Pa @ 1 kHz, -37 dB SPL
Impedance:	< 200 Ω
Equivalent noise level:	19 dB (A-weighted)
Max. SPL for 0.5 % THD @ 1000 Hz:	125 dB
Power requirement:	+ 48 V

D914 LD POP-KILLER

For all standard microphone stands, double nylon screen with sturdy black plastic frame Attaches to stands with tubing up to 23 mm, Weight: 0.16 kg Gooseneck length: 330 mm Gooseneck: \varnothing 8 mm Screen: \varnothing 130 mm



D1001

D1002

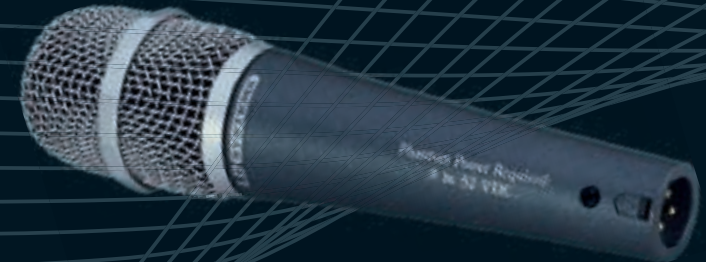


D1001 & D1002

Our top vocal microphones. These low-feedback dynamic supercardioid and condenser vocal microphones feature 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. Also available with ON/OFF switch.

SPECIFICATIONS

Article No.:	D1001(S)	D1002
Type:	Dynamic	Dynamic
Pattern:	Super Cardioid	Super Cardioid
Frequency response:	50 Hz - 16000 Hz	50 Hz - 16000 Hz
Sensitivity (dBV/pa):	- 54 (2.0 mv / pa)	- 54 (2.0 mv / pa)
Rated Impedance:	300 Ω	300 Ω
Dimension:	52 mm x 165 mm	42 mm x 463 mm
Weight:	270 g	258 g
Max.SPL:	134 dB	134 dB



D1011 PRO SERIES

D1011, condenser microphone, cardioid, 50 Hz - 16 kHz, impedance 200 Ω , sensitivity - 48 dBV/pa, without switch, incl. mount and plastic box, very clean sound, ideal for vocal and acoustic guitar miking, max. SPL 136 dB, requires phantom power between 9 V - 52 V.

OUR TOP RECOMMENDATION!

Weight: 240 g / Dimensions: 46 mm x 175 mm

VOCAL & INSTRUMENT MICROPHONES

MICROPHONE ACCESSORIES

D1010

Memphis dynamic retro microphone, cardioid directional characteristic with switch, 50 Hz - 15.000 Hz, impedance 300 Ω , chrome-plated with adjustable head. Supplied in plastic box. Weight: 500 g
Dimensions: 67 mm x 56 mm x 185 mm



NOT JUST A GAG! D66 MINI MIC

Not just a gag! Professional dynamic mini microphone with remarkable performance. 50 Hz to 16.000 Hz, impedance 500 Ω , XLR connection. Only 38 mm x 105 mm. Supplied with cable in mini gig bag!



D1006

Professional dynamic microphone with switch. Robust high quality product at a very low price. Incl. XLR cable.

Nominal impedance: 500 Ω +/- 30% @ 1 kHz
Sensitivity: -73 dB +/- 3 dB @ 1 kHz
Frequency response: 80 Hz - 15000 Hz
Supplied in case with cable.

D1057

The D1057 completes a series of dynamic cardioid instrument microphones designed for professional sound reinforcement and project studio recording. These microphones incorporate high-quality neodymium magnets and dual membrane dome diaphragms for high sensitivity and great extended frequency response, 50 - 16.500 Hz., impedance 600 Ω .
Weight : 250 g . Dimensions: 31 mm x 155 mm.



D902

Mic. Holder. Black with rubberised flexible top to fit most Radio microphones. Quick release. 3/8" and 5/8" thread.



D903

Mic. Holder. Black with rubberised flexible top to fit most microphones. Quick release. 3/8" and 5/8" thread.



D905

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



D933

New Soft-Touch Universal Mic. Holder. The new standard. 3/8" and 5/8" thread.



D800

Thread adaptor for mic holder 3/8" to 5/8", chrome plated.



D921

Gooseneck mounting plate with 3/8" thread to attach microphone goosenecks. Dimensions: 30 mm x \varnothing 45 mm



D913#

LD microphone windscreen, \varnothing 40 mm - 50 mm, available in black, red, yellow, orange, blue, suitable for all standard vocal microphones (e.g. Shure SM 58)

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

MEI1000(X)

WIRELESS IN EAR MONITORING SYSTEM



MEI1000(X)

THE NEXT GENERATION OF LD IN EAR MONITORING

The MEI1000 is the start of a new generation of in ear monitoring systems. Like the MEI100, the MEI1000 offers over 160 Channels in the UHF band and can be delivered in different frequency groups ranging from 790.850 MHz - 813.800 MHz or 838.850 MHz - 861.800 MHz (X-Version). The following features highlight the new MEI1000 IEM system:

- Mono and stereo mode
- Dual mono mode, one channel for the main mix and the other for an instrument or voice. The levels can be adjusted using the balance control – adjustable on the bodypack receiver).
- Longer battery life (over 13 hours)
- Sound equalizer function
- Extremely low crosstalk
- New, ergonomically formed headphones including gig bag
- A new multifunction display on the receiver.
- Menu lock function
- Incl. 19" Rack Mount Kit

SPECIFICATIONS MEI 1000 T TRANSMITTER

Article No.:	LDMEI1000T
Frequency range:	790.850 MHz - 813.800 MHz or 838.850 MHz - 861.800 MHz (X-Version)
Max channel number:	160
Switching bandwidth:	0.025 MHz
Modulation:	wideband FM stereo
RF output power:	10 mW
Spurious Rejection:	> 50 dBc
Peak deviation:	+/- 40 KHz
Frequency response:	60 - 16000 Hz
Signal-to-noise ratio:	85 dB(A)
THD:	< 1 %
Input voltage range:	20 dBV max
Power supply:	12 - 18 V DC / 400 mA
Dimensions:	200 mm x 96 mm x 44 mm
Weight:	900 g

SPECIFICATIONS MEI 1000 BPR RECEIVER

Article No.:	LDMEI1000BPR
Frequency range:	790.850 MHz - 813.800 MHz or 838.850 MHz - 861.800 MHz (X-Version)
Max channel number:	160
Switching bandwidth:	0.025 MHz
Modulation:	wideband FM stereo
Stereo channel separation:	> 42 dB
Sensitivity:	< - 94 dBm for 30 dB S/N Ratio
Peak deviation:	+/- 40 KHz
Frequency response:	60 - 16000 Hz
Signal-to-noise ratio(stereo mode):	> 80 dB(A)
THD:	< 1 %
Dynamic Range:	> 95 dB
Headphone connector:	3.5 mm jack socket
Audio output level:	100 mW max
Power supply:	2 x 1.5 V (AA)
Battery life:	> 13 h
Dimensions:	90 mm x 65 mm x 24 mm
Weight:	90 g



LD WATS1(2)

WIRELESS AUDIO TRANSMISSION SYSTEM

For the first time, LD-Systems is offering a professional UHF wireless system for audio with the LDWATS1(2). A compander circuit with an integrated limiter guarantee a high quality transmission. This unique transmission system is perfect for delay lines and all other applications where implying cables is not desired or not possible. The maximum range of 100 m (open field) is sufficient for most applications. The battery life of over 10 hours (dependant on the type of battery used) guarantees continuous operation (without having to change batteries) for almost all events. Each system consists of one transmitter and two receivers including 40 cm XLR/jack cables. The set includes a 20 cm Velcro tape you can use to attach the receivers. Each body pack has its own fixed frequency, either in the band of 838 - 862 MHz (LDWATS1) or in the band of 863 - 865 MHz (LDWATS2).

SPECIFICATIONS WATS1(2)T TRANSMITTER

Article No.:	LDWATS1(2)T
Frequency range:	2 fixed frequencies within 838 - 862 MHz (WATS1) or 863 - 865 MHz (WATS2)
RF output power:	10 mW
Scurious Rejection:	> 50 dBc
Peak deviation:	+/- 55 KHz
Frequency response:	50 - 20000 Hz
Signal to noise ratio:	100 dB (A)
THD:	< 1 %
Input voltage range:	10 dBV max
Power supply:	12 - 18 V DC / 400 mA
Dimensions (W x H x D):	212 mm x 160 mm x 44 mm
Weight:	0.86 kg

SPECIFICATIONS WATS1(2)R RECEIVER

Article No.:	LDWATS1(2)R
Frequency range:	2 fixed frequencies within 838 - 862 MHz (WATS1) or 863 - 865 MHz (WATS2)
Sensitivity:	< -92 dBm for 30 dB S/N ratio
Peak deviation:	+/- 50 KHz
Frequency response:	50 - 20000 Hz
Signal to noise ratio (stereo mode):	100 dB (A)
THD:	< 1 %
Dynamic range:	> 95 dB
Audio connector:	3.5 mm jack socket
Audio output level (balanced):	+ 3 dBu max
Power supply:	2 x 1.5 V (AA)
Operating time:	> 8 h
Dimensions (W x H x D):	85 mm x 65 mm x 23 mm
Weight:	0.09 kg

WS1000(X)

160 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM



SET WS 1000BPH2(X)
incl. 2 x WS1000BP & 2 x WS100MH1

SET WS 1000HHD2 (X)
incl. 2 x WS1000MD

LD WS1000(X)

160 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The WS1000, 160 CHN true diversity wireless system is an advanced version of the popular WS100 series. The new design is extremely well laid out and informs you at a glance of all the important data. Selected components within the devices ensure a clear and reliable transmission. The battery life has been greatly improved. The WS1000 will be available in UHF bands of 790 to 814 MHz and 838 to 862 MHz (X-VERSION). With its new "free channel scan" function the WS1000 makes it easy to find free frequencies and avoid interferences. The receiver can also be connected to a computer to be operated from there.

WS1000MD

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC infrared frequency scanning
- LCD display of channel, group and battery status
- 2 AA batteries for up to 14 hours of operation

SPECIFICATIONS

Article No.:	LDWS1000MD
Frequency Range:	790.850 MHz - 813.800 MHz 838.850 MHz - 861.800 MHz (X-Version)
No. of channels:	160 (10 groups of 16 CHN)
Frequency Steadying:	50 PPM (-10°C - 50°C)
RF Output Power:	10 dBm
Spurious Rejection:	> 55 dBc
Modulate:	30 kHz at Input Level = 25 mV
Max Audio input level:	0 dBV
Dimensions:	252 mm x 50 mm dia.
Weight:	220 g (without batteries)
Power Requirements:	2 "AA" size
Battery Life:	> 13 hours

HANDHELD
WS1000HHC(X)
WS1000HHD(X)



HEADSET WS1000BPH(X)

LAVALIERE WS1000BPL

WIND MICROPHONE
WS1000BPW

WS1000BP

- Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR
- Convenient handling and channel setting via ASC infrared frequency scanning
- LCD display of channel, group and battery status
- 3 level settings for guitar and microphone operation
- 2 AA batteries for up to 9 hours of operation

SPECIFICATIONS

Article No.:	LDWS1000BP
Frequency Range:	790.850 MHz - 813.800 MHz 838.850 MHz - 861.800 MHz (X-Version)
No. of channels:	160 (10 groups of 16 CHN)
Frequency Steadying:	50 PPM (-10°C - 50°C)
RF Output Power:	10 dBm
Spurious Rejection:	> 53 dBc
Modulate:	30 kHz at Input Levels = 75 mV
Gain Adjustment Range:	20 dB
Max Audio input level:	60 dBV
Dimensions:	65 mm x 90 mm x 24 mm
Weight:	85 g (without batteries)
Power Requirements:	2 "AA" size
Battery Life:	> 13 hours

WS1000R

SPECIFICATIONS

Article No.:	LDWS1000R
Frequency Range:	790.850 MHz - 813.800 MHz 838.850 MHz - 861.800 MHz (X-Version)
Switching bandwidth:	0.025 MHz
No. of channels:	160 (10 groups of 16 CHN)
Sensitivity:	- 94 dBm for 30 dB SINAD, typical
Image Rejection:	> 60 dB
S/N Ratio:	> 105 dB (A)
T.H.D	< 0.8 % for +/-30 kHz deviation, 1 KHz tone
Audio Output Level XLR connector:	- 12 dBV
1/4inch connector:	- 18 dBV
Audio Response:	60 Hz - 16 kHz
Dynamic Range:	> 95 dB A-weighted
Dimensions (W x H x D):	212 mm x 45 mm x 160 mm
Weight:	900 g
Power Requirements:	12 - 18 V DC at 400 mA



GUITAR WS1000BPG

WS100ML

Lavaliere Microphone for WS1000BP Belt Pack

- Uni-directional Electret Condenser Lavaliere Microphone
- Impedance: < 680 Ω
- Frequency range: 20 Hz - 20 kHz
- Sensitivity: - 44 +/- 2 dB (@ 1 kHz)

WS100GC

Guitar Cable for WS1000 Belt Pack

- Length: 0.9 m
- 3 Pol Mini-XLR / 6.3 mm Jack

WS100MH1

Headset Microphone for WS1000BP Belt Pack

- Uni-directional Electret Condenser Headset Microphone
- Impedance: < 680 Ω
- Frequency range: 20 Hz - 20 kHz
- Sensitivity: - 44 +/- 2 dB (@ 1 kHz)

WS100MH3

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

- Article No.: LDWS1000MH3
- Typ: Condenser, Uni-Directional
- Frequency range: 70 Hz - 16 kHz
- Impedance: 1.4 k Ω
- Sensitivity: - 67 dB

WS1000MW

Wind / percussion instrument clip microphone

Linear frequency response, 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.

Model Name / Type: WS1000MW / Electret Condenser Microphone

Characteristics: Cardioid pattern

Frequency Range: 50 Hz - 18 kHz

Sensitivity: -45 dB +/- 3dB

Impedance: 250 Ohm +/- 30% @1kHz

Connector: Mini XLR - 3 pins

Accessories: Wind protection, Phantom power adapter

19" RACK KIT FOR WS 1000
AND WS 1616 SERIES

WS100DA

Optimised directional shark antenna specially for our WS100 and WS1000 Series UHF Wireless Systems. Recommended with our antenna splitter WS100AD to build up multi systems (4 units and more).

SPECIFICATIONS:

Article No.:	LDWS100DA
Antenna Input Impedance:	50 Ω
Antenna Output Impedance:	50 Ω
Connectors:	TNC receptacle
Gain:	13 dB
Bandwidth:	400 MHz
Power Requirements:	DC 9 V
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:

Article No.:	LDWS100AB
Antenna Input Impedance:	50 Ω
Antenna Output Impedance:	50 Ω
Connectors:	TNC receptacle
Gain:	13 dB
Bandwidth:	400 MHz
Power Requirements:	DC 9 V
Dimensions:	35 mm x 65 mm x 75 mm

WS100AD

19" / 1 U antenna for 4 single or double systems to build up a multi system (more than 4 units). We recommend to use only with WS100DA directional antenna.

SPECIFICATIONS:

Article No.:	LDWS100AD
Antenna Input Impedance:	50 Ω
Antenna Output Impedance:	50 Ω
Connectors:	TNC receptacle
Gain:	13 dB
Bandwidth:	400 MHz
Power Requirements:	DC 12 - 18 V 100 mA (Power Supply included)

LD ECO1(2)

NEW!



ECO1(2) 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. All systems are CE-certified and inspected.

- 1 channel UHF PLL Diversity Wireless System, available as Vocal, Guitar or Headset
- Removable antennas and optional 19" Rack Mount Kit
- Handheld dynamic mic with soft-touch surface and Sensitivity switch
- Long battery life

Available fixed frequencies:

ECO1 : 793.150 MHz | 797.050 MHz | 800.600 MHz | 802.300 MHz | 813.150 MHz
ECO2 : 863.100 MHz | 863.900 MHz | 864.500 MHz | 864.900 MHz

Handheld Specifications:

- Max. Audio Input Level: 0 dBV
- Dimensions: 250 x 53 mm (Length x Diameter)
- Weight: 270 g
- Battery: 2 AA Alkaline Batteries for > 10 hours service

LD ECO2x2

NEW!



ECO2x2 2 CHANNELS 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. All systems are CE-certified and inspected. 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
- Removable antennas
- Optional 19" Rack Mount Kit, Optional guitar cable
- Handheld dynamic mic with soft-touch surface and Sensitivity switch
- Belt Pack with 3 Gain settings and Mute function
- Long battery life
- Great operating distance (50 m open field)

There are 2 versions available with each 2 fixed frequencies:

- 863.100 MHz and 864.500 MHz
- 863.900 MHz and 864.900 MHz



SWEET SIXTEEN

UHF PLL DIVERSITY WIRELESS SYSTEM FOR WIRELESS BEGINNER

LD Systems has now expanded its wireless portfolio with a sensational Starter Set. The perfect introduction to wireless audio transmission: A 16-channel UHF-PLL Diversity Wireless System. All components guarantee optimal audio delivery via professional outputs. The extensive features of the LDWSWEETSixTeen Series Sets, particularly the ASC infrared frequency scanning system, are exceptional for this price category. All systems are CE-certified and inspected. The frequency band of 863 MHz to 865 MHz permits operation in most EU countries with no registration or licensing required.

- 16-channel UHF PLL Diversity Wireless System
- Available as Vocal, Guitar, Headset or Lavalier Set
- Removable antennas and optional 19" Rack Mount Kit
- ASC infrared frequency scanning
- AF, RF and Diversity LED bar indicators
- 16-channel Belt Pack transmitter with adjustable high-impedance Guitar level and Microphone level set-up, low-battery LED and ASC infrared frequency scanning
- Handheld dynamic microphone with soft-touch surface, Sensitivity switch and ASC infrared frequency scanning
- Long battery life
- Frequencies 863 - 865 MHz

WS1616R RECEIVER

- 16-channel UHF PLL Diversity Receiver with removable antennas
- Easy channel switching at the push of a button
- ASC infrared frequency scanning
- Adjustable Squelch threshold (noise suppression) on the back
- Professional outputs (balanced XLR connector and unbalanced jack socket)
- AF, RF and Diversity LED indicators, as well as channel indicator
- Open-field range approx. 80 m
- Up to 3 systems can be operated simultaneously
- 19" Rack Mount Kit with cable and BNC adapters
- Jack/jack cable included

WS1616R

SPECIFICATIONS

Article No.:	LDWS1616R
Frequency range:	863.000 MHz - 865.000 MHz
Switching bandwidth:	0.125 MHz
No. of channels:	16
Sensitivity:	- 93 dBm for 30 dB SINAD, typical
S/N Ratio:	> 90 dB
Image rejection:	> 80 dB
THD:	< 1 % for +/- 30 kHz deviation, 1 kHz tone
Audio Output Level:	XLR connector: - 12 dBV 1/4 inch connector: - 18 dBV
Audio Response:	60 Hz - 16 kHz
Dynamic Range:	> 90 dB A-weighted
Power Requirements:	12 - 18 V DC at 300 mA, supplied by external power supply
Dimensions (W x H x D):	212 mm x 44 mm x 160 mm
Weight:	860 g



WS1616MD HANDHELD MICROPHONE

- Handheld with dynamic capsule
- Switchable Gain level (20 dB)
- Easy handling and setting of the 16 channels via ASC infrared frequency scanning
- Low-battery indicator
- Up to 10 hours of operation with 2 AA batteries (depending on the type)
- Soft-touch surface

SPECIFICATIONS

Article No.:	LDWS1616MD
Frequency Range:	863.00 MHz - 865.00 MHz
No. of channels:	16
Frequency Steadying:	50 PPM (-10°C - 50°C)
RF Output Power:	10 dBm
Squirious Rejection:	> 50 dBc
Modulate:	30 kHz at Input Level = 25 mV
Gain Adjustment Range:	20 dB
Max Audio input level:	6 dBV
Power Requirements:	2 "AA" size
Battery Life:	> 10 hours (depends on type)
Dimensions:	230 mm x 50 mm
Weight:	280 g (without batteries)



WS1616BP BELT PACK

- Belt Pack for Guitar, Lavalier Microphone and Headset with 3-pin Mini XLR connector
- Easy handling and setting of the 16 channels via ASC infrared frequency scanning
- Separately adjustable high-impedance Guitar level and two Microphone levels for optimal adaptation
- Low-battery indicator, approx. 10 hours of operating time with 2 AA Mignon batteries
- Metal clip for professional fastening to belt, pocket, etc.

SPECIFICATIONS

Article No.:	LDWS1616BP
Frequency Range:	863.000 MHz - 865.000 MHz
No. of channels:	16
Frequency Steadying:	50 PPM (-10°C - 50°C)
RF Output Power:	10 dBm
Squirious Rejection:	> 50 dBc
Modulate:	30 kHz at Input Levels = 75 mV
Gain Adjustment Range:	20 dB
Max Audio input level:	6 dBV
Power Requirements:	2 "AA" size
Battery Life:	> 10 hours (depends on type)
Dimensions:	65 mm x 23 mm x 85 mm
Weight:	85 g (without batteries)



SWEETSIXTEEN VOCAL WS1616HD

SWEETSIXTEEN GUITAR WS1616BP

SWEETSIXTEEN HEADSET
MICROPHONE WS1616BP

SWEETSIXTEEN LAVALIERE
WS1616BP

SWEETSIXTEEN WIND
MICROPHONE WS1616BP

ROADBOY6.5 SERIES

NEW MODEL!



ROADBOY 6.5 SERIES

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.

Article No.: LD RB65

OPTIONAL:

- ST-40 Speaker Stand
- SB-21 Transport Bag
- RoadBoy 6.5 passive Loudspeaker

STANDARD CONFIGURATION:

- CD/MP3 Player with Gain and Tone Control, USB Input
- 1 x UHF PLL 16 CHN Wireless Unit with dynamic Microphone (WS1616MD), optional with Beltpack WS1616BP and Headset-/Lavalier Microphone available
- 1 x Mic In / Aux In / Aux Out /
- 2 x sound control (Bass/Treble)
- Talkover Function
- DC in (12 - 15 V 4 A)
- 200 - 250 V external switchable Power Supply
- built in 12 V / 2.9 AH Akku Battery, runs up to 5 hours
- external output for passive box
- built in 25 W RMS Amplifier

ROADMAN102 SERIES

NEW MODEL!

ROADMAN102 SERIES

Article No.: LDRM102

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!

ROADMAN SERIES

EXTRAORDINARY FEATURES

01. Aluminium enclosure
02. 200 - 250 V AC switch mode power supply
03. Two way speaker system
04. Built-in two stages charging circuit
05. 24 V DC supply from two built-in Maintenance free 12 V/5 AH lead acid type rechargeable batteries
06. Slot for choice of two UHF PLL synthesized type receiver modules
07. Built-in receiving UHF antennas.
08. XLR / Jack Combo Input for 2 wired Microphones or 2 Line signals (Line / Mic Switch)
09. Line in & out RCA jack.
10. Optional Cassette recorder with pitch control function
11. CD/MP3 player with USB input
12. "Talkover" function (Voice priority)
13. Preamplifier, mixer and amplifier circuit.
14. Separate power switches for receiver and CD/Tape
15. Individual volume control for wired and wireless microphones.
16. Master volume control
17. Audio Link Master / Slave circuit
18. Handle
19. Extra strong one stage trolley
20. Whisper Wheels
21. Enclosure base equipped with tripod stand adaptor
22. Optional accessories: Tripod stand & corresponding carrying bag RoadMan 102 Weather proof bag

- For Indoor & Outdoor Use
- Multiple PA Applications (Mic., Line, CD/MP3-Player, UHF-Wireless)
- Built-in 24 V DC rechargeable batteries
- High Quality Sound (10" + HF Driver)
- 150 W Music Power
- Aluminium enclosure



ROADMAN102 SERIES

ROADMAN102 SERIES



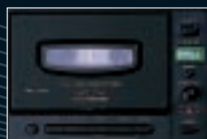
SHOCKPROOF CD/MP3-PLAYER WITH USB INPUT (STANDARD)

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



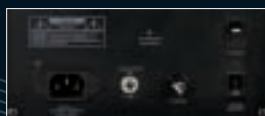
XLR/PHONO COMBO CONNECTOR (STANDARD)

- 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)

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



90-250 V AC (150W) SWITCHING POWER SUPPLY (STANDARD)

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

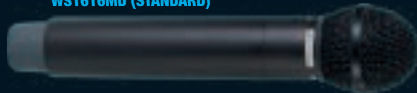


LDRM102R (16 CHANNELS) (ONE UNIT STANDARD)

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

ROADBOY6.5 / ROADMAN102 ACCESSORIES

WS1616MD (STANDARD)



WS100MH3 (OPTIONAL)



WS100ML (OPTIONAL)



WS100MH1 (OPTIONAL)



ROADMAN102BAG (OPTIONAL)



WS1616BP (OPTIONAL)



SPS56B (OPTIONAL)

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.

FEATURES

- Suitable for both indoor and outdoor applications.
- New stylish design featuring a light weight extruded aluminium enclosure
- AC/DC (Battery) powered operation
- Multiple wireless and wired microphone facilities
- 2 ways speaker system with crossover circuit
- High quality power means clear, intelligible sound
- High quality Neutrik XLR connectors
- Easy to operate
- Easy to setup
- All-in One
- 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

SPECIFICATIONS

Output Power:	75 W RMS / 8 Ohm 150 W Music
Max. SPL (@ 1 W / 1m):	117 dB
Speaker System (2 Ways) Bass:	10" + 1" Horn Tweeter
AC Power Supply:	200 V - 250 V (150 W) switching 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 Response:	550 Hz - 18 kHz, Crossover at 3.4 KHz
Companion Speaker:	RoadMan passive speaker (R-SP)
Slave:	RoadMan Slave (R-SL)
Wireless Modules:	Max. 2 pieces (UHF)
Antenna:	Extra UHF receiving antennas
Charging Time:	about 8 hours
Operating Hour:	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)

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.

BAND	UHF
Frequency Range:	863 MHz - 865 MHz
Receiver Modules:	LDRM102R
Receiving Modes:	Antenna Diversity
No. of channel:	16
Display:	LED Display
Oscillation type:	Microprocessor controlled PLL synthesized
Frequency Bandwidth:	0.125 MHz
Handheld:	Capsule Dynamic
Lavalier Microphones:	WS100ML
Headset Microphones:	WS100MH1/3
Approved by:	FCC, ETS, CE

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