MAILA®

MODULAR ALL-ROUND INTELLIGENT LINE ARRAY

LDsystems LD®
your sound. our mission.

your **sound**.
our mission.

LD Systems – Your Sound. Our Mission.

As a user, you are in good hands with LD Systems. Your enthusiasm is our benchmark. Whether you are an event technician, system integrator, mobile DJ or musician – your needs are at the heart of every decision we make. We are passionate about developing professional audio solutions that make your life easier on the job and meet your high expectations for sound and performance.

BOOK A DEMO
ld-systems.com/MAILA-DEMO

VIEW ONLINE
ld-systems.com/MAILA

THE MAILA®
MODULES

MAILA (Modular All-Round Intelligent Line Array) is not just "one" product, but a scalable sound reinforcement system that sets new standards in its diversity and flexibility.

From a wedding reception to a conference to a festival – MAILA suites many applications where the compact size paired with high class sound are needed. Also, with the EasySplay® mechanism and many other clever features, MAILA takes user-friendliness in the line array sector to a whole new level.

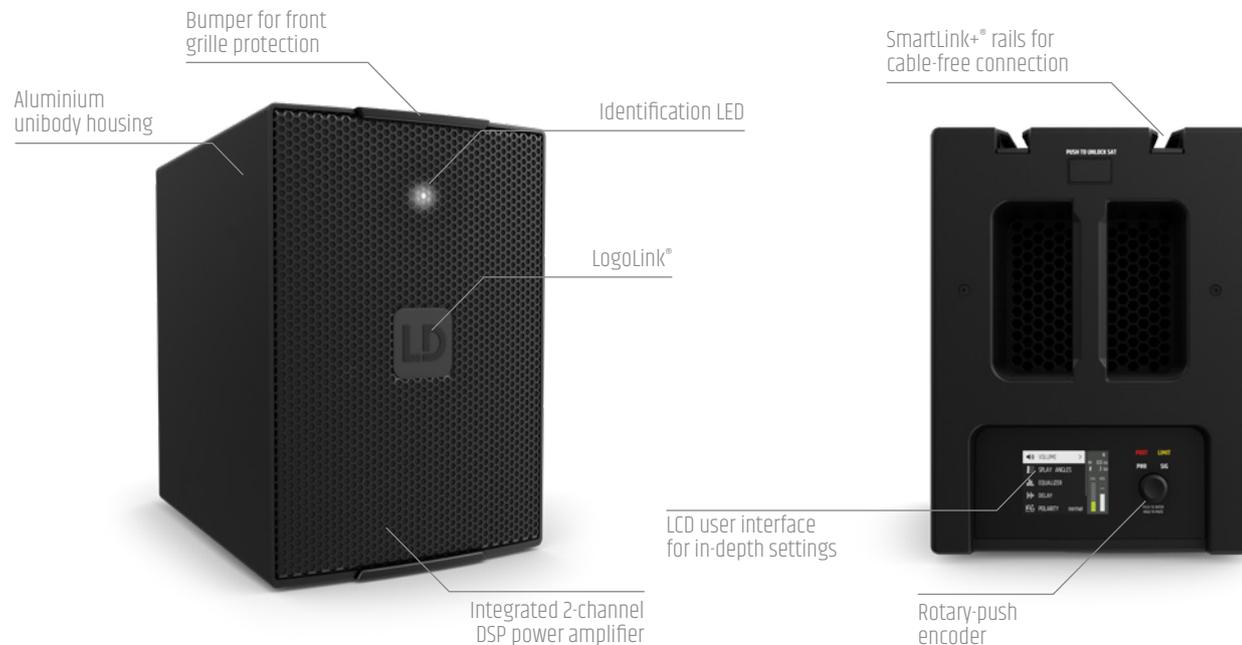The result is a big, scalable sound for almost any application.

Discover all
MAILA MODULES

MAILA® SPA
POWER AMPLIFIER FOR MAILA SAT / SAT X

MAILA SPA is the only MAILA module without integrated loudspeakers - and yet an integral part of the MAILA concept. MAILA SPA is an amplifier module in elegant unibody aluminium design with integrated 1.25 kW power amplifier with SysCore® DSP for controlling up to eight MAILA SAT or four SAT X . Via the SmartLink+® system, the satellites can be simply slid onto the SPA and cable-less supplied with the signal. In addition, SmartLink+® enables automatic detection of the installed satellites for automatic or manual DSP processing.
MAILA SPA allows users to create ground stack configurations with a speaker pole, as well as flown setups with the EasyMount+® mounting bracket.

Bumper for front grille protection

SmartLink+® rails for cable-free connection

Aluminium unibody housing

Identification LED

LogoLink®

LCD user interface for in-depth settings

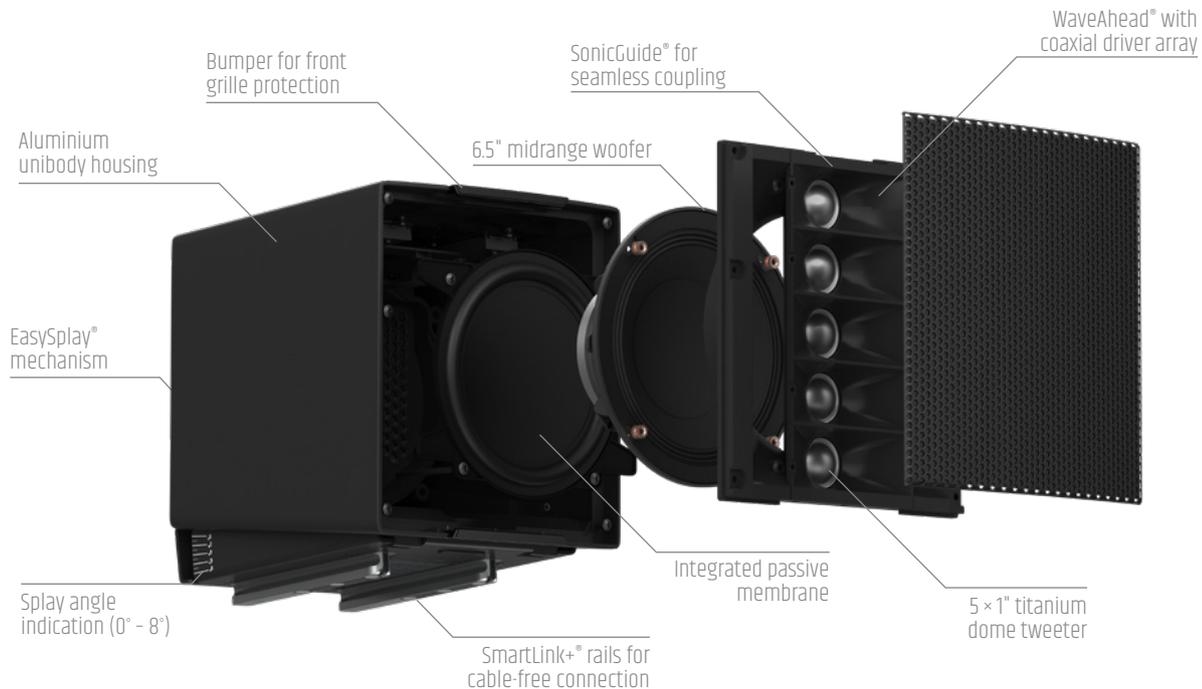Integrated 2-channel DSP power amplifier

Rotary-push encoder

Learn more about
MAILA SPA

MAILA® SAT
PASSIVE ARRAY SATELLITE SPEAKER

MAILA SAT is a true line array element and is full of surprises. The elegant and robust unibody aluminium enclosure includes five 1" tweeters in front of a 6.5" midrange driver in front of a passive membrane, arranged in a coaxial design based on advanced WaveAhead® technology and coupled almost interference-free via the SonicGuide® (two combined waveguides). The result is a classic line array radiation pattern with impressive throw and energy density.

WaveAhead® with
coaxial driver array

Bumper for front
grille protection

SonicGuide® for
seamless coupling

Aluminium
unibody housing

6.5" midrange woofer

EasySplay®
mechanism

Splay angle
indication (0° – 8°)

Integrated passive
membrane

5 × 1" titanium
dome tweeter

SmartLink+® rails for
cable-free connection

Learn more about
MAILA SAT

MAILA® SAT X

PASSIVE NEARFILL OR ARRAY SATELLITE SPEAKER

MAILA SAT X is a hybrid satellite combining a point-source speaker and a true line array element. Depending on the application, it automatically adapts its vertical dispersion to provide either wide 40° near-fill coverage or a narrow 8° array characteristic when used with MAILA SAT.
Its compact, robust, unibody aluminium enclosure houses the same acoustic components as MAILA SAT. SpeakON® I/O connectors enable clean, efficient daisy-chaining of multiple SAT X units, while SmartLink+® provides tool-less, cable-free connection of multiple MAILA SAT satellites.
As a result, MAILA SAT X integrates seamlessly into any MAILA setup while adding extra precision and deployment options.

Same acoustic
components as MAILA SAT

Aluminium
unibody housing

SmartLink+® for
cabel-free SAT connection

Riggable via EasyMount+®

40°

8°

SpeakON® I/O for
easy daisy-chaining

Identification LED

Pull-out tilt stand: 0 – 19°

Learn more about
MAILA SAT X

MAILA® COL

4 × 6.5" POWERED COLUMN SPEAKER + POWER AMPLIFIER FOR UP TO EIGHT SATELLITES

MAILA COL full-range column module makes MAILA truly versatile. With its 4 × 6.5" woofers, the elegant column element not only provides an extended low-mid range, but also includes a 4-channel DSP amplifier* with 2.5 kW total power, which drives both the column itself and the MAILA SAT satellites. In this way, MAILA sets with column module can not only be used as a ground stack variant, but also as a flown array consisting of MAILA COL and up to eight MAILA SAT – especially useful for festivals and fixed installations. In addition, as with a classic line array, users can select different subwoofer arrangements and adapt them to the sound reinforcement requirements on site.
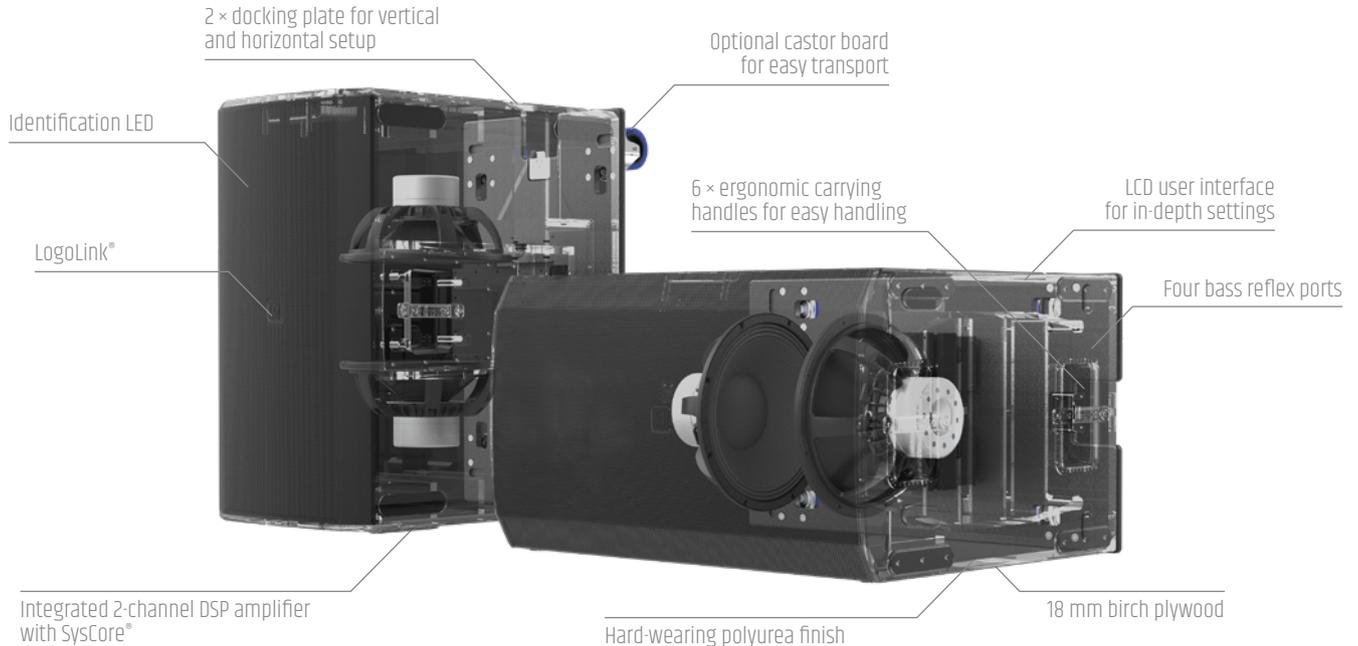
2 × integrated safety eye bolts

SmartLink+® rails
for SAT connection

Identification LED

Aluminium
unibody housing

2 × ergonomic handles

LogoLink®

4 × 6.5" woofers for
extended low-mid
headroom

LCD user interface
for in-depth settings

4-channel DSP amplifier
with SysCore® DSP and
2.5 kW total output power*

XLR IN / THRU

M20 screw for securing
to the subwoofer

Heavy duty docking pins

Learn more about
MAILA COL

*active version

MAILA® SUB
2 × 15" POWERED BANDPASS PA SUBWOOFER

MAILA SUB forms the basis of larger MAILA system configurations. The 2.5 kW 2 × 15" high-performance subwoofer features a bandpass design and with LD Systems' SysCore DSP it delivers a massive and powerful bass foundation in any application. The acoustic concept of the MAILA SUB is based on a planar wave bandpass design with quarter-wave horn and symmetrical driver construction. By placing the two 15" speakers opposite to each other, the MAILA SUB enables exceptional impulse compensation, resulting in a powerful and precise low-frequency punch.

2 × docking plate for vertical and horizontal setup

Optional castor board for easy transport

Identification LED

6 × ergonomic carrying handles for easy handling

LCD user interface for in-depth settings

LogoLink®

Four bass reflex ports

Integrated 2-channel DSP amplifier with SysCore®

Hard-wearing polyurea finish

18 mm birch plywood

Learn more about **MAILA SUB**

MAILA® SUB 15
15" BASS REFLEX PA SUBWOOFER

MAILA SUB 15 is a high-power 1 × 15" bass reflex subwoofer with a compact footprint, delivering impressive deep bass performance for both mobile use and fixed installations. From ground-stacked configurations with up to three units stacked to flown setups with up to six subs per array, MAILA SUB 15 offers scalable deployment options across a wide range of applications. Easy to handle and flexible to deploy, it is the ideal choice wherever powerful low-end is required.

LogoLink®

Identification LED

Tool-free locking mechanism

SpeakON input

Four bass reflex ports

18 mm birch plywood

Hard-wearing polyurea finish

Learn more about
MAILA SUB 15

BOOK A MAILA® DEMO

You have read and watched everything there is to see on our website "www.**ld-systems**.com/**MAILA**" and you are ready to experience the MAILA concept in the flesh? Then you reached the right spot. The MAILA team offers demo slots on a regular basis. They are open to everyone who wishes to hear and experience MAILA first-hand, so feel free and register for the next available appointment. **We are looking forward to welcoming you at the Adam Hall Experience Center!**

Discover more details
ld-systems.com/**MAILA-DEMO**

MAILA® SAT (W)

PASSIVE ARRAY SATELLITE SPEAKER

Frequency response (-6 dB)	100 Hz – 20 kHz
Max. SPL Peak (Pink noise)	129.1 dB (fullspace @1m, Crest factor 4)
Connectivity	SmartLink+®
Dimensions (W × H × D)	205 × 234 × 226 mm 8.1 × 9.2 × 8.9 inch
Weight	7.65 kg / 16.9 lbs

MAILA® SAT X (W)

PASSIVE NEARFILL OR ARRAY SATELLITE SPEAKER

Frequency response (-6 dB)	100 Hz – 20 kHz
Max. SPL Peak (Pink noise)	129.5 dB (fullspace @1m, Crest factor 4)
Connectivity	Smartlink+®, SpeakON®
Dimensions (W × H × D)	205 × 283 × 229 mm 8.1 × 11.1 × 9 inch
Weight	8.3 kg / 18.3 lbs (preliminary)

MAILA® COL P (W)

4 × 6.5" PASSIVE COLUMN SPEAKER

Frequency response (-6 dB)	105 Hz – 500 Hz
RMS load capacity	2.5 kW RMS
Max. SPL Peak (Pink noise)	130 dB (fullspace @1m, Crest factor 4)
Connectivity	Smartlink+®, SpeakON®
Dimensions (W × H × D)	205 × 968 × 354 mm 8.1 × 38.1 × 13.9 inch
Weight	31 kg / 68.3 lbs

MAILA® SUB 15 P (W)

15" PASSIVE BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	30 Hz – Preset
RMS load capacity	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakON®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	34 kg / 75 lbs

MAILA® SUB 15 FP (W)

15" FLYABLE PASSIVE BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	30 Hz – Preset
RMS load capacity	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakON®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	42 kg / 92.6 lbs

MAILA® SUB P

2 × 15" PASSIVE BANDPASS PA SUBWOOFER

Frequency response (-10 dB)	33 Hz – Preset
RMS load capacity	2.5 kW RMS
Max. SPL Peak (Pink noise)	139 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakON®
Dimensions (W × H × D)	540 × 934 × 803 mm 21.3 × 36.8 × 31.6 mm
Weight	72.2 kg / 159.2 lbs

MAILA® SPA

POWER AMPLIFIER FOR MAILA SAT / SAT X

Amping power	1.25 kW RMS
Controls	Rotary/push
Connectivity	SmartLink+®, XLR, Logo-Link®, sepakON I/O
Dimensions (W × H × D)	205 × 282 × 226 mm 8.1 × 11.1 × 8.9 inch
Weight	7.45 kg / 16.4 lbs

MAILA® COL

4 × 6.5" POWERED COLUMN SPEAKER
+ POWER AMPLIFIER FOR UP TO EIGHT MAILA SAT

Frequency response (-6 dB)	105 Hz – 500 Hz
Amping power	2.5 kW RMS
Max. SPL (Pink noise)	130 dB (fullspace @1m, Crest factor 4)
Connectivity	SmartLink+®, XLR, LogoLink®
Dimensions (W × H × D)	205 × 1028 × 354 mm 8.1 × 38.1 × 13.9 inch
Weight	36.2 kg / 16.4 lbs

MAILA® SUB 15

15" POWERED BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	31 Hz – Preset
Amping power	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	38 kg / 83.8 lbs

MAILA® SUB 15 F

15" FLYABLE POWERED BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	31 Hz – Preset
Amping power	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	46 kg / 101.4 lbs (prelim.)

MAILA® SUB

2 × 15" POWERED BANDPASS PA SUBWOOFER

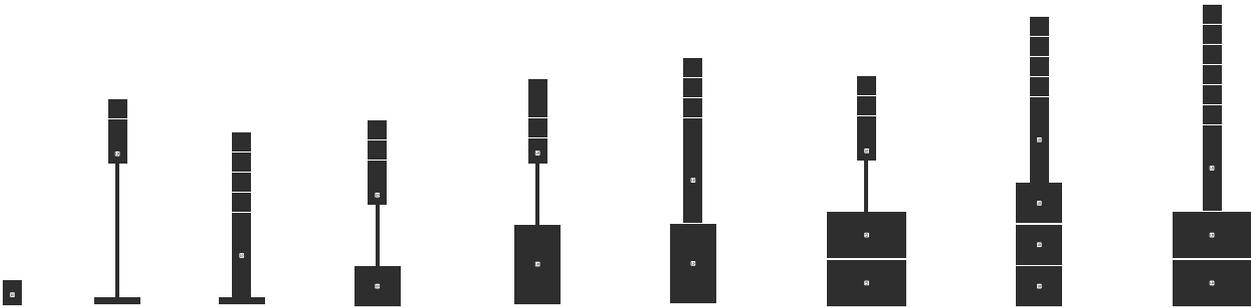|	
Frequency response (-6 dB)	33 Hz – Preset
Amping power	2.5 kW RMS
Max. SPL Peak (Pink noise)	137 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 934 × 803 mm 21.3 × 36.8 × 31.6 inch
Weight	89.8 kg / 198 lbs

Discover all
MAILA MODULES
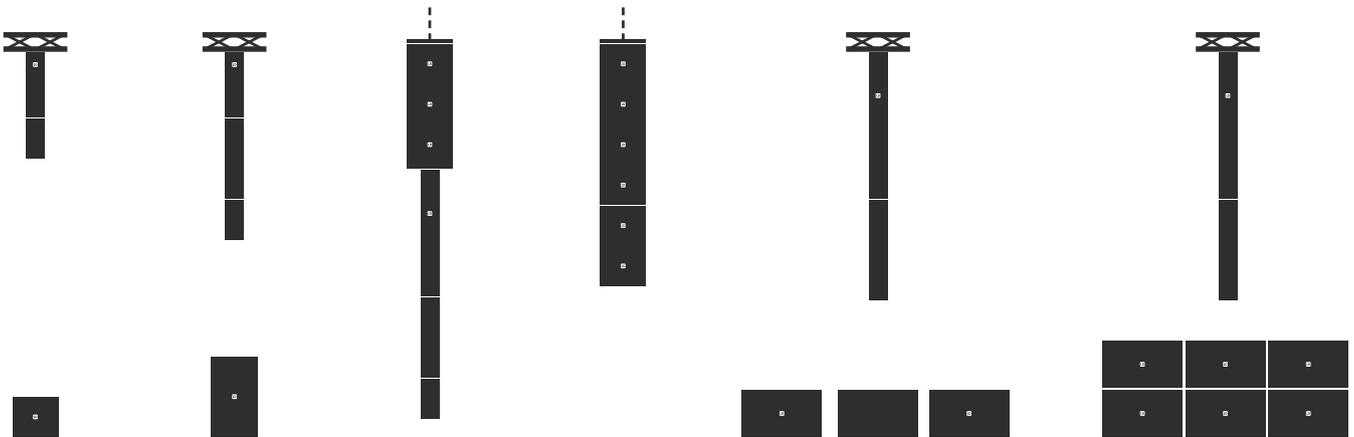
FULL FLEXIBILITY OF CONFIGURATION

With MAILA you enjoy a fully modular sound reinforcement concept with maximum configuration flexibility. MAILA models can be combined in various ways, including ground stacks, pole mounting and flying, with scalable satellite and sub arrays. This allows you to precisely tailor every setup to your application. MAILA is a revolutionary system for professional live sound, suitable for both mobile and fixed installations. It is ideal for use in venues such as clubs, theatres, live performance spaces, corporate events and houses of worship, as well as multifunctional event spaces. Thanks to its slim, cable-free design, it always remains visually discreet. From compact ground stacks to flown systems, MAILA has many faces.
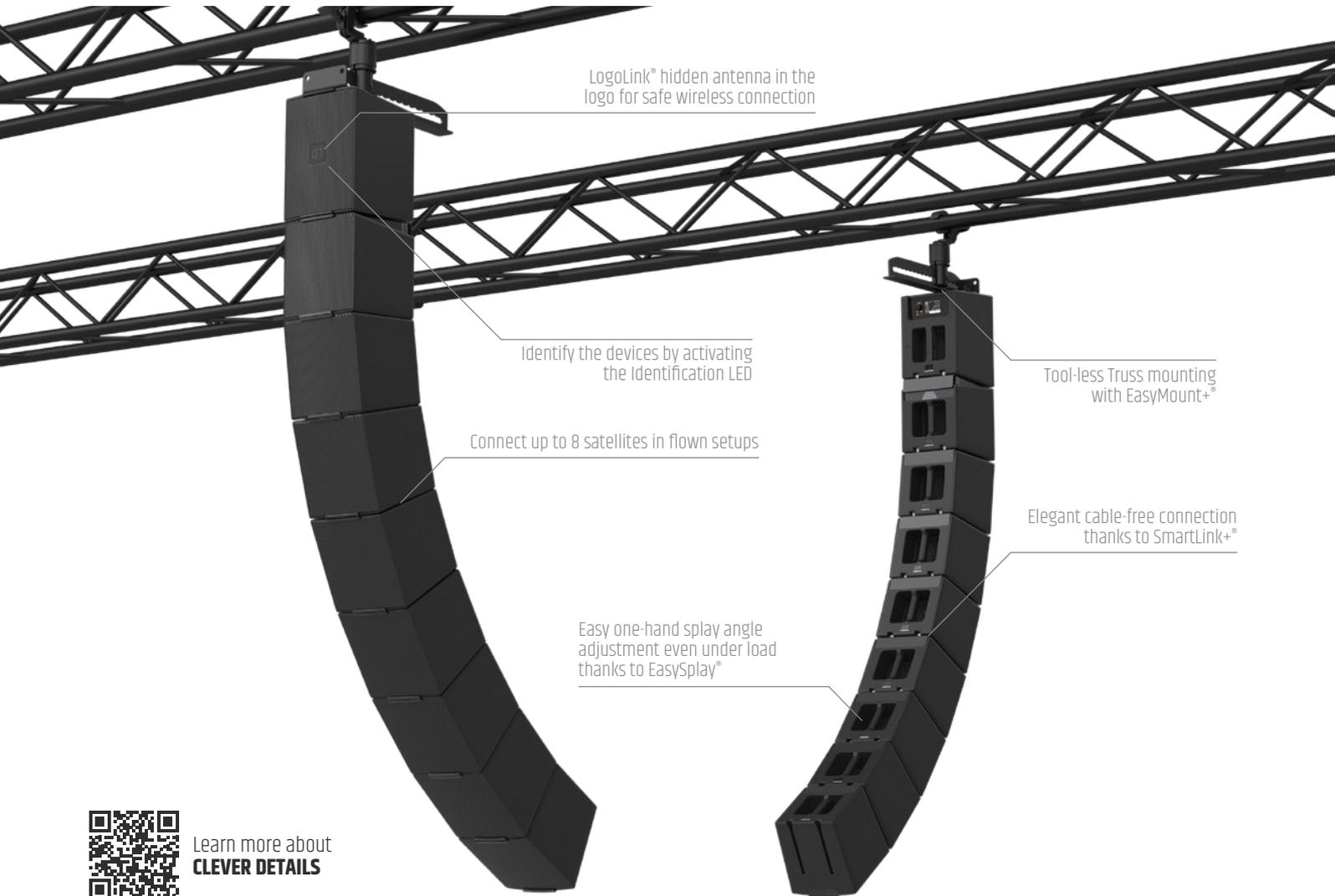
GROUND STACKING - UP TO 6 × SAT

FLOWN SETUPS - UP TO 6 × SUB 15 F

SERIOUSLY CLEVER

On top of its unique design and sophisticated acoustic signature, MAILA stands out for its various clever details, designed by our engineers to make the working lives of event technicians easier and safer.

LogoLink® hidden antenna in the logo for safe wireless connection

Identify the devices by activating the Identification LED

Connect up to 8 satellites in flown setups

Tool-less Truss mounting with EasyMount+®

Elegant cable-free connection thanks to SmartLink+®

Easy one-hand splay angle adjustment even under load thanks to EasySplay®

Learn more about
CLEVER DETAILS

EASYSPLAY® MECHANISM

On the back of the housing of each MAILA SAT is a rotating handle which hides a groundbreaking innovation: via the patented EasySplay® mechanism, users can adjust the inclination of each individual satellite continuously from 0° to 8° in the blink of an eye. The angle can be adjusted with just one hand, even under load. In this way, every MAILA system offers a uniquely flexible concept for adapting the sound coverage to any sound reinforcement situation at any time.

PUSH TO UNLOCK SAT

Easy one-hand
splay angle adjustment

Safe position locking

Learn more about
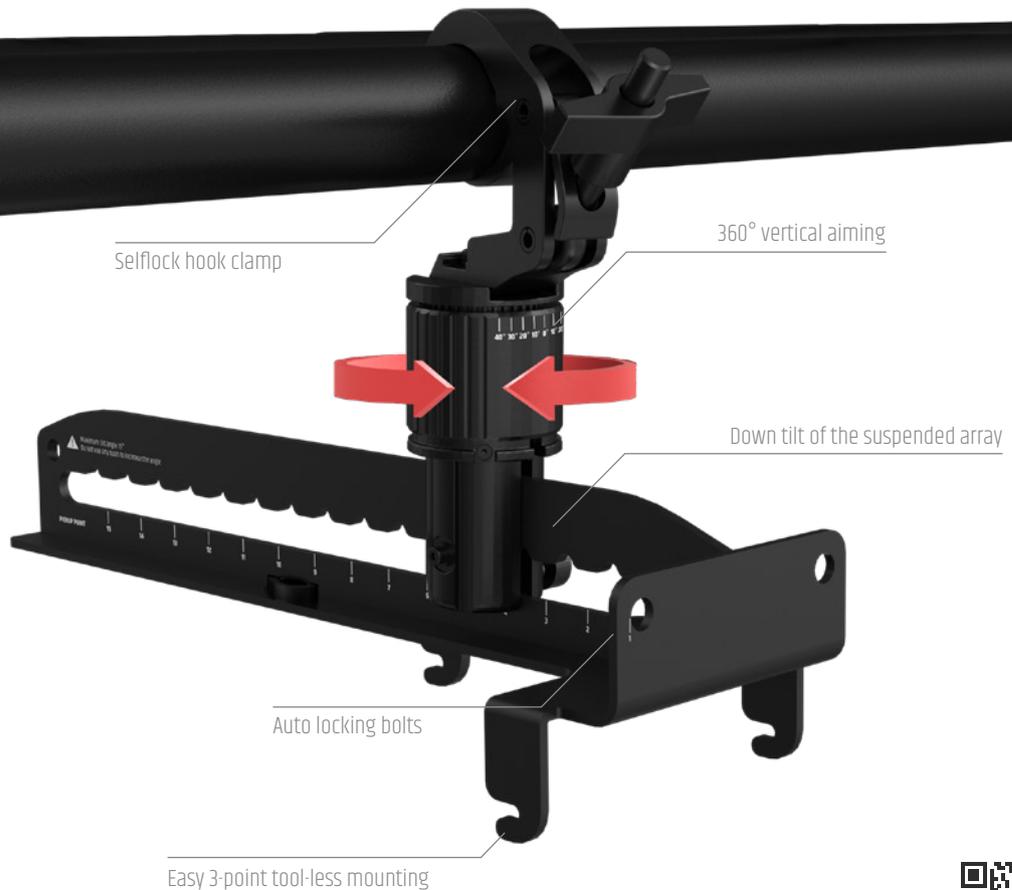**EASYSPLAY®**

MAILA® EASYMOUNT+®

TRUSS MOUNT BRACKET FOR MAILA®

Work faster and safer with EasyMount+®, MAILA's dedicated truss rigging hardware. Its innovative, tool-less design ensures maximum safety in handling as well as hassle-free and precise alignment of the line array.

Note: A shackle is not included in the scope of delivery. Only use suitable shackles Ø 12 mm.

Including traverse and shackle bracket

Selflock hook clamp

360° vertical aiming

Down tilt of the suspended array

Auto locking bolts

Easy 3-point tool-less mounting

Learn more about
EASYMOUNT+®

Patent Technology: (Patent No. DE202017100219U1 & U10,681,440)

SMARTLINK+® CONNECTION

For an especially easy setup, the passive MAILA SAT array satellites are equipped with the LD Systems SmartLink+® system, which ensures a cable-free connection between the MAILA SAT modules as well as between MAILA SAT and MAILA SPA amplifier module, MAILA COL column module or MAILA SAT X passive nearfill or array satellite speaker.

Both the audio signal and the power supply for the passive MAILA elements are provided via the robust aluminium rails.
In addition, SmartLink+® allows the installed satellites to be detected for automatic or manual DSP processing.

Robust aluminium construction

Cable-free connection

Automatic detection of the
number of satellites installed

Secure lock mechanism

Learn more about
SMARTLINK+®

SYSCORE® DSP

SYSTEM FIXED

- FIR / IIR EQ & Crossover
- Time Alignment
- RMS Limiter
- Multiband Peak Limiter (Linear Phase - SPA & COL)
- Thermal Protection Limiter
- Over Excursion Limiter
- SMPS Overload Limiter
- Automatic Satellite EQ (1-8 SAT - SPA & COL)

USER ACCESSIBLE

- User EQ (10 Band Parametric)
- Delay (55m max.)
- Polarity
- Crossover Preset selection (incl Cardioid Preset - SUB)
- Level
- Mute

MAILA® APP FOR QUICK SETUP

ROOM SIMULATION

Auto EQ adjustment of your system and calculation of the required splay angle based on room length and height of installation of the satellite array.

Learn more about
MAILA APP

PRE-PLANNING

Optimal preparation in advance, no matter when and where.

10 BAND EQ PRESETS

Create custom 10-band parametric EQ presets.

DELAY LINES

Easy delay line configuration based on distance and temperature.

ADA RACKS

ADA 8K4/12K4 SINGLE RACK
4-CHANNEL AMPLIFIER RACK WITH PATCH PANEL

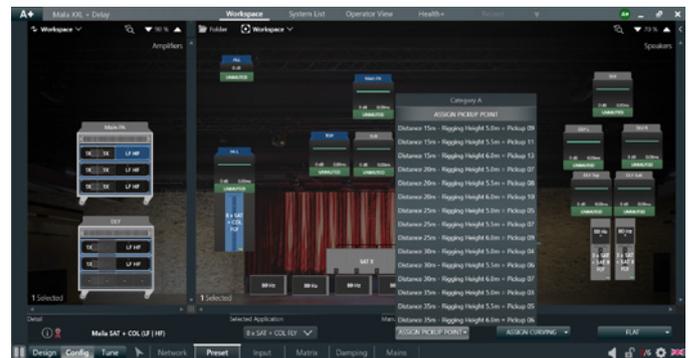|	
Power amplifiers	LDADA8K4 or LDADA12K4
Patchpanel size	2U Audio and power (Neutrik connectors)
Power distribution	–
Rack	4U, Double door, shockmount
Total power	8 kW (8K4) / 10.8 kW (12K4)
Presets	34 × MAILA presets for flying & ground-stack applications

ADA 8K4/12K4 TOURING RACK
3 × AMPLIFIER POWER RACK WITH PATCH PANEL AND POWER DISTRIBUTION

Power amplifiers	3 × LDADA12K4
Patchpanel size	3U Audio (Neutrik connectors)
Power distribution	32A In/Daisy chain – 6 × Schuko out, 3 × circuit breakers, 3 × digital voltage / current meters
Rack	12U, Double slide-in door, shockmount
Total power	32.4 kW
Presets	34 × MAILA presets for flying & ground-stack applications

ArmoníaPlus
SYSTEM MANAGER SOFTWARE BY POWERSOFT

- MAILA "Quick Setup App" converted into ArmoníaPlus presets (incl. splay angles, rigging height, pickup points)
- 70+ manufacturer EQs covering 300 MAILA configurations
- MEQ based on MAILA Auto EQ, compensating speaker coupling and air-loss over distance
- Seamless integration with LD Systems ADA amps

MOUNTING & RIGGING

MAILA CEILING MOUNT (W)
Ceiling mount for MAILA SPA & MAILA SAT X

- Tilt-and-swivel ceiling mount for MAILA SPA & SAT X
- 0 – 40° down tilt and 140° swivel
- Continuously adjustable
- Easily readable angle scale
- Available in black and white

MAILA WALL MOUNT (W)
Wallmount for MAILA SPA & MAILA SAT X

- Tilt-and-swivel wall mount for MAILA SPA & SAT X
- 0–40° down tilt, up to 120° swivel (configuration-dependent)
- Continuously adjustable
- Easily readable angle scale
- Available in black and white

MAILA SUB 15 FLYING BRACKET
Flying bracket for MAILA SUB 15 F & MAILA SUB 15 FP

- Flight bracket for up to 6 × MAILA SUB 15 F (P) (max. 300 kg / 660 lbs)
- Can be used with EasyMount+® to hang a MAILA array under a flown subwoofer
- Tool-free, quick attachment via ball lock pins
- Multiple shackle positions allow for flexible rigging setups

STANDS & POLES

The MAILA COL STAND provides a stable, low-profile base for the MAILA COL, enabling it to be used as a freestanding column in ground setups. Its compact design makes it ideal for use in conference rooms, foyers and houses of worship, where a clean visual appearance is important.

The MAILA POLE ADAPTER and MAILA M20 ADAPTER provide flexible mounting options for MAILA SPA and MAILA SAT X, enabling secure setups on standard 35 mm poles or M20 threaded poles for tripod and ground-stacked configurations.

The MAILA SPA STAND allows you to create a MAILA ground setup consisting of one MAILA SPA or MAILA SAT X and up to two MAILA SAT. The stand consists of two powder coated steel rods that can be screwed together with M20 threads. This results in lengths of 122 cm or 172 cm (48 inch or 67.7 inch).
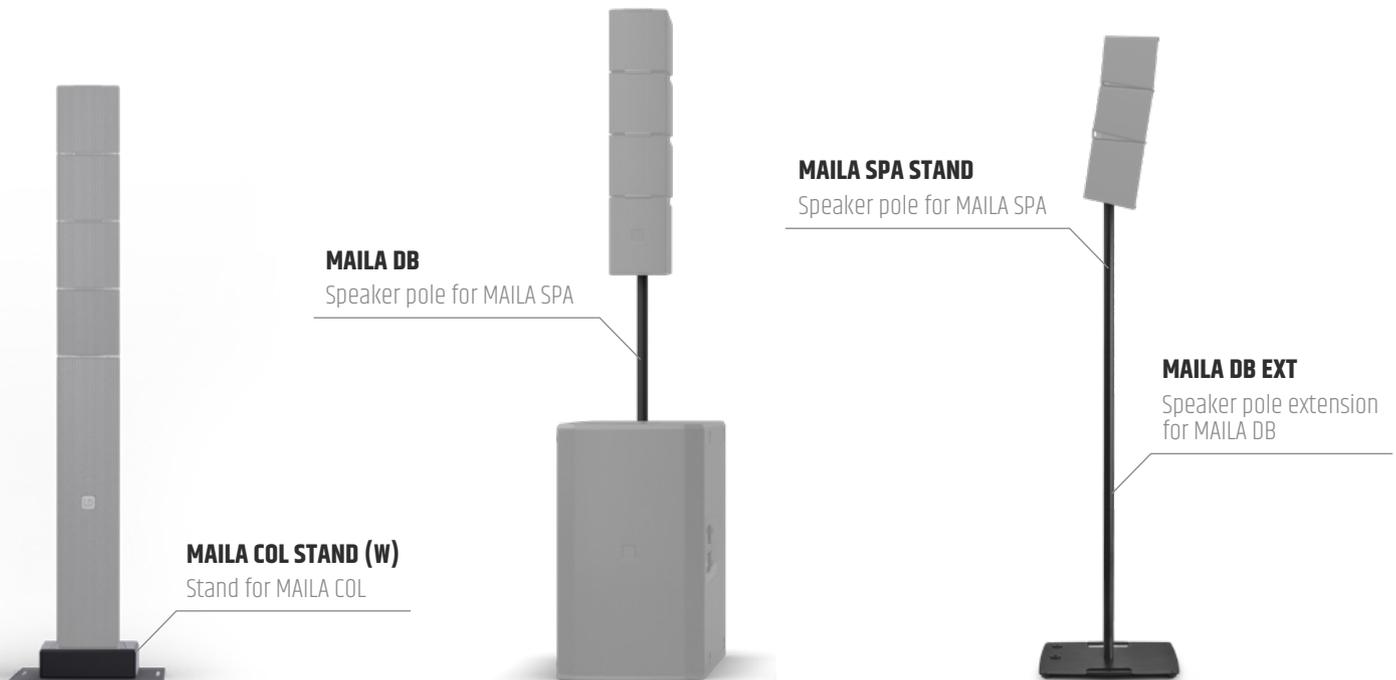

MAILA POLE ADAPTER
Pole adapter for MAILA SPA & MAILA SAT X

MAILA M20 ADAPTER
M20 adapter for MAILA SPA & MAILA SAT X

MAILA DB
Speaker pole for MAILA SPA

MAILA SPA STAND
Speaker pole for MAILA SPA

MAILA DB EXT
Speaker pole extension for MAILA DB

MAILA COL STAND (W)
Stand for MAILA COL

MAILA® EASYMOUNT+®

Work faster and safer with EasyMount+®, MAILA's dedicated truss rigging hardware. Its innovative, tool-less design ensures maximum safety in handling as well as hassle-free and precise alignment of the line array.

Note: A shackle is not included in the scope of delivery.
Only use suitable shackles Ø 12 mm.

Patent Technology: (Patent No. DE202017100219U1 & U10,681,440)

Including traverse and shackle bracket

FLIGHTCASES

The MAILA flight cases were specially developed for different combinations of MAILA modules.

Adam Hall case hardware made of 9 mm thick birch plywood, aluminium reinforcements and 100 mm swivel castors ensure safe and easy transport – even in stacked form thanks to the integrated castor dishes on the top.

MAILA FC1
Flightcase for 4 × MAILA SAT, 1 × MAILA SPA and 1 × MAILA DB

MAILA FC2
Flightcase for 4 × MAILA SAT, 1 × MAILA COL and 1 × MAILA EasyMount+®

MAILA FC3
Flightcase for 8 × MAILA SAT, 2 × MAILA SPA and 2 × MAILA EasyMount+®

TRANSPORT

Specially designed MAILA transport accessories, engineered for the secure and efficient transport of your MAILA SUB and SUB15, along with a versatile carrying solution for MAILA SPA & MAILA SAT.

MAILA SUB PC and SUB 15 PC, padded protective covers, ensure your subwoofer is shielded from weather and external impacts. Conveniently, those covers fit over the subwoofers when positioned on the optional available castor boards. The safest and easiest way to transport your MAILA Subwoofers.

The MAILA BAG is the perfect choice for situations where a standard MAILA transport case isn't feasible, accommodating up to two MAILA SPA, MAILA SAT or MAILA SAT X units and featuring two extra side pockets for additional storage.

MAILA SUB PC
Padded protective cover for MAILA SUB

MAILA SUB 15 PC
Padded protective cover for MAILA SUB 15

MAILA SUB CB
Castor board for MAILA SUB

MAILA SUB 15 CB
Castor board for MAILA SUB 15

MAILA BAG
Padded carrying bag for MAILA SPA, SAT & SAT X

MAILA® RAINCOVER

Ensure your LD Systems MAILA system stays protected at outdoor events with the MAILA rain covers. Made from high-quality, rain-repellent materials, these covers provide reliable protection without compromising sound clarity. Seven distinct pieces and five different combinations of rain covers are designed to cover various array lengths and curvings as well as both groundstack and flown arrays. The Velcro system allows you to combine different rain covers to create bespoke solutions for any configuration.

This modular design offers optimal protection for each individual module and the entire system, ensuring durability and longevity. While offering comprehensive protection, the covers are designed for convenient installation and use, maintaining the functionality and performance of your audio system even in adverse weather conditions. With MAILA rain covers, you can confidently host outdoor events knowing your LD Systems MAILA setup is fully protected.

*

MAILA SUB RC
Rain cover for MAILA SUB

MAILA ARRAY RC S
Rain cover for MAILA SAT / SPA / SAT X
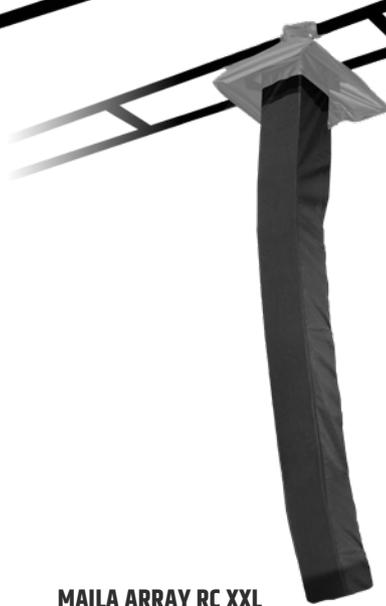
MAILA ARRAY RC M
Rain cover for MAILA COL + 4 SAT

* remove front cover of subwoofer before use

MAILA ARRAY RC XL
Rain cover for MAILA SPA / SAT X + 8 SAT

MAILA ARRAY RC XXL
Raincover for MAILA COL + 8 SAT

MAILA HOOD RC S
Rain cover small hood
for groundstack MAILA

MAILA HOOD RC L
Rain cover large hood
for flown MAILA

SPECIFICATIONS

MAILA® SAT

Product type	MAILA Array Satellite
Art. No.	LDMAILASAT
Midrange dimensions	5 × 1" Titanium Dome Tweeter
Woofer dimensions	1 × 6.5"
Woofer magnet	Neodymium
Woofer brand	Costom made
Woofer voice coil	1.8" / 45 mm
Load rating (AES)	175 W / 50 W
Dispersion (H × V)	100° × 8° Nominal Directivity
Frequency response (-6 dB)	100 Hz – 20 kHz
Max. SPL Peak (Pink noise)	129.1 dB (fullspace @1m, Crest factor 4)
Max. SPL Peak (Sine burst)	128.2 dB (fullspace @1m, 10% THD)
Max. SPL Average (Sine burst)	115 dB (100 Hz – 10 kHz, fullspace @1m, 10% THD)
Impedance	16/32Ohm
Controls	EasySplay® angle adjustment
Loudspeaker Output Connectors	SmartLink+®
Cabinet material	Die-cast aluminium
Cabinet surface	Powder-coated
Handles	1
Dimensions (W × H × D)	205 × 234 × 226 mm / 8.1 × 9.2 × 8.9 inch
Weight	7.65 kg / 16.9 lbs

MAILA® SAT X

Product type	MAILA Nearfill or Array Satellite Speaker
Art. No.	LDMAILASATX
Type	passive
Midrange dimensions	1 × 6.5"
HF dimensions	5 × 1"
Woofer magnet	Neodym
Woofer voice coil	1.8"
Power handling (AES) (MF / HF)	175 W / 50 W
Power handling (peak) (MF / HF)	350 W / 100 W
Dispersion (H x V)	100° × 40° (Pointsource) 100° × 8° (Linesource)
Frequency response (-6dB)	100 Hz - 20 kHz
Max. SPL Peak (Pink noise)	129.5 dB /117 dB (Pointsource)
Max. SPL Peak (Sine burst)	125 dB (Pointsource) / 127 dB (Linesource)
Max. SPL Avarage (Sine burst)	114 dB (Pointsource) / 117.5 dB (Linesource)
Impedance MF	16 Ohms
Impedance HF	Line Source: 32 Ohms Point Source: 8 Ohms
Number of inputs	2
Input connector types	SpeakOn female
Number of outputs	1
Output connector types	SpeakOn female
Cabinet material	Aluminium
Cabinet surface	Powder coated
Handles	1
Dimensions (W × H × D)	205 × 283 × 229 mm / 8.1 × 11.1 × 9 inch
Weight	8. 4 kg / 18.5 lbs

MAILA® COL

Product type	MAILA Column Powered
Art. No.	LDMAILACOL
Woofer dimensions	4 × 6.5"
Woofer magnet	Neodymium
Woofer brand	Custom made
Woofer voice coil	2" / 50 mm
Amplifier	Class D
RMS	2500 W
Frequency response (-6 dB)	105 Hz – 500 Hz
Max. SPL Peak (Pink noise)	130 dB (fullspace @1m, Crest factor 4)
Max. SPL Peak (Sine burst)	125.4 dB (fullspace @1m, 10% THD)
Max. SPL Average (Sine burst)	122 dB (100 Hz – 2 kHz, fullspace @1m, 10% THD)
Protection circuits	Limiter, over-current, thermal overload
Input impedance	20000 Ohm(s)
Controls	Rotary/push encoder
Indicators	Indication LED, LC display, Limit, Power, Protect, Signal
Line input connectors	1 × XLR
Line output connectors	1 × XLR
Loudspeaker Output Connectors	SmartLink+®
Wireless Connectivity	LogoLink® for App Control
Operating voltage	100 V AC – 240 V AC, 50 – 60 Hz
Power consumption (max.)	800 W
Operating Temperature	0 – 40°C
Relative Humidity	< 80 %, not condensing
Cabinet material	Die-cast aluminium unibody
Cabinet surface	Powder-coated
Cabinet construction	Bass Reflex
Mounting	3 × M10, 4 × Pin, EasyMount+®
Handles	2
Dimensions (W × H × D)	205 × 968 (1028 mm incl. pins) × 354 mm 8.1 × 38.1 (40.47 inch incl. pins) × 13.9 inch
Weight	36.2 kg / 79.8 lbs
DSP Characteristic	
Bit depth AD/DA converter	24 Bit
Sampling frequency	48 kHz

MAILA® COL PASSIVE

Product type	MAILA Column Passive
Art. No.	LDMAILACOLP
Type	4 × 6,5" Column module - passive
Woofer dimensions	4 × 6.5"
Woofer magnet	Neodym
Woofer voice coil	2"
Speaker impedance	6 Ohm
Power handling (AES)	1000 W
Power handling (peak)	2000 W
Frequency response (-6dB)	105 – 500 Hz
Max. SPL Peak (Pink noise)	130 dB
Max. SPL Peak (Sine burst)	125.4 dB
Max. SPL Avarage (Sine burst)	122 dB
Protection circuits	Peak/RMS-Limiter @ Systemamp
Number of inputs	1
Input connector types	SpeakOn female
Number of outputs	1
Output connector types	SmartLink+®
Operating Temperature	0 – 40 °C
Relative Humidity	80 %
Cabinet material	Aluminium
Cabinet surface	Powder coated
Cabinet construction	Bass reflex
Mounting	4 pins + 1 screw
Handles	2
Dimensions (W × H × D)	205 × 953 (1013 mm incl. pins) × 355 mm 8.1 × 37.5 (39.9 inch incl. pins) × 14 inch
Weight	31 kg / 68.3 lbs

MAILA® SUB

Product type	MAILA Subwoofer Powered
Art. No.	LDMAILASUB
Woofer dimensions	2 × 15"
Woofer magnet	Neodymium
Woofer brand	Costom made
Woofer voice coil	4" / 100 mm
Amplifier	Class D
RMS	2500 W
Frequency response (-6 dB)	33 Hz – Preset
Max. SPL Peak (Pink noise)	137 dB (halfspace @1m, Crest factor 4)
Max. SPL Average (Sine burst)	132 dB (50 Hz – 120 Hz, halfspace @1m, 10% THD)
Protection circuits	Limiter, over-current, thermal overload
Input impedance	20000 Ohm(s)
Controls	On/off switch, Rotary/push encoder
Indicators	Indication LED, LC display, Limit, Power, Protect, Signal
Line input connectors	1 × XLR
Line output connectors	1 × XLR
Wireless Connectivity	LogoLink® for App Control
Operating voltage	100 V AC – 240 V AC, 50 - 60 Hz
Power consumption (max.)	1300 W
Operating Temperature	0 – 40°C
Relative Humidity	< 80 %, not condensing
Cabinet material	18 mm Birch Plywood
Cabinet surface	Polyurea
Cabinet construction	Quarter Wave Horn Bandpass
Handles	6
Dimensions (W × H × D)	540 × 934 × 803 mm / 21.3 × 36.8 × 31.6 inch
Weight	89.8 kg / 198 lbs
DSP Characteristic	
Bit depth AD/DA converter	24 Bit
Sampling frequency	48 kHz

MAILA® SUB PASSIVE

Product type	MAILA Subwoofer Passive
Art. No.	LDMAILASUBP
Type	Dual 15" Bandpass - passive
Woofer dimensions	2 x 15"
Woofer magnet	Neodym
Woofer voice coil	4"
Speaker impedance	4 Ohms
Power handling (AES)	2500 W
Power handling (peak)	5000 W
Frequency response (-6dB)	34 Hz - fx
Frequency response (-3dB)	39 Hz - fx
Frequency response (-10dB)	33 Hz - fx
Max. SPL Peak (Pink noise)	139 dB (halfspace)
Max. SPL Peak (Sine burst)	137 dB (halfspace)
Max. SPL Avarage (Sine burst)	130 dB (halfspace)
Protection circuits	Peak/RMS-Limiter @ Systemamp
Number of inputs	1
Input connector types	SpeakOn female
Number of outputs	2
Output connector types	SpeakOn female
Operating Temperature	0 – 40 °C
Relative Humidity	80%
Cabinet material	Birch multiplex
Cabinet surface	Polyurea
Cabinet construction	Bandpass
Handles	6
Dimensions (W × H × D)	536 × 932 × 796 mm / 21.1 × 36.7 × 31.3 inch
Weight	72.2 kg / 159.2 lbs

MAILA® SUB 15 (F)

Product type	MAILA Subwoofer 15 (F) Powered
Art. No.	LDMAILASUB15(F)
Type	15" Bassreflex - active
Woofer dimensions	1 × 15"
Woofer magnet	Neodym
Woofer voice coil	4"
Amp Class	Class D
RMS output power	1250 W
Freq. response (-6dB, -3dB, -10dB)	34 Hz - fx, 37 Hz - fx, 31 Hz - fx
Max. SPL Peak (Pink noise)	132 dB (halfspace)
Max. SPL Peak (Sine burst)	126 dB (halfspace)
Max. SPL Avarage (Sine burst)	124 dB (halfspace)
Protection features	peak/Rms Limiter, Overheating, Overload
Input impedance (balanced)	20 kΩ
Inputs	1 × XLR 3-pole female
Outputs	1 × XLR 3-pole male
Wireless Connectivity	LogoLink® for App Control
Audio processing	Fully parametric 10-band EQ, Delay Line, Presets
Operating voltage	100 V AC - 240 V AC / 50 - 60 Hz
Power supply type	Switched-mode power supply (SMPS)
Mains connector	Mains socket indoor power in male & powerCON®
Power consumption (max.)	750 W
Operating Temperature	0 – 40 °C
Maximum air humidity	80 % (non-condensing)
Cabinet material	Birch multiplex
Coating	Polyurea
Cabinet construction	Bass reflex
Handles	3
Dimensions (W × H × D)	540 × 474 × 761 mm / 21.3 × 18.7 × 30"
Weight	SUB 15: 38 kg (83.8 lbs) SUB 15 F: 46.3 kg (102.1 lbs)

DSP Characteristic	
AD/DA converter bit depth	24 Bit
AD/DA converter sampling rate	48 kHz

MAILA® SUB 15 (F) PASSIVE

Product type	MAILA Subwoofer 15 (F) Passive
Art. No.	LDMAILASUB15P(FP)
Type	15" Bassreflex - passive
Woofer dimensions	15"
Woofer magnet	Neodym
Woofer voice coil	4"
Speaker impedance	8 Ohms
Amplifier	-
Power handling (AES)	1250 W
Power handling (peak)	2500 W
Frequency response (-6dB)	33 Hz - fx
Frequency response (-3dB)	35 Hz - fx
Frequency response (-10dB)	30 Hz - fx
Max. SPL Peak (Pink noise)	132 dB (halfspace)
Max. SPL Peak (Sine burst)	126 dB (halfspace)
Max. SPL Avarage (Sine burst)	123 dB (halfspace)
Protection circuits	Peak/RMS-Limiter @ Systemamp
Number of inputs	1
Input connector types	SpeakOn female
Number of outputs	3
Output connector types	SpeakOn female
Operating Temperature	0 – 40 °C
Relative Humidity	80 %
Cabinet material	Birch multiplex
Cabinet surface	Polyurea
Cabinet construction	Bass reflex
Handles	3
Dimensions (W × H × D)	540 × 474 × 761 mm / 21.3 × 18.7 × 30 inch
Weight	SUB 15 P: 34 kg (75 lbs) SUB 15 FP: 42 kg (92.6 lbs)

MAILA® SPA

Product type	Power Amplifier for MAILA SAT / SATX
Art. No.	LDMAILASPA
Amplifier	Class D
System Power (RMS)	1250 W
Protection circuits	Limiter, over-current, thermal overload
Input impedance	20000 Ohm(s)
Controls	Rotary/push encoder
Indicators	LC display, LED indicator, Limit, Power, Protect, Signal
Line input connectors	1 × XLR
Line output connectors	1 × XLR
Speaker output connections	SmartLink+®
Wireless Connectivity	LogoLink® for App Control, speakON I/O
Operating voltage	100 – 240 V AC, 50 – 60 Hz, SMPS
Power consumption (max.)	400 W
Operating Temperature	0 – 40°C
Relative Humidity	< 80 %, not condensing
Cabinet material	Die-cast aluminium unibody
Cabinet surface	Powder-coated
Mounting	2 × M10, 25 mm MAILA Flange, EasyMount+®
Handles	1
Dimensions (W × H × D)	205 × 282 × 226 mm / 8.1 × 11.1 × 8.9 inch
Weight	7.45 kg / 16.4 lbs
DSP Characteristic	
Bit depth AD/DA converter	24 Bit
Sampling frequency	48 kHz

Discover all
MAILA MODULES

RATE PAYMENT (EU ONLY)

To support the restart of our industry we have put together a very attractive rate payment option for our customers within the European Union. This financial "product" is a 100% Adam Hall solution without the participation of any third-party financial institute and was designed as a "**pay as you earn**" payment option.

Contact our Adam Hall sales team for more details!

"Babylon" hr Sendesaal, Frankfurt

Adam Hall GmbH
sales@adamhall.com

LD **systems** LD®
your sound. our mission.

MAILA® SERIES
MODULAR **A**LL-ROUND
INTELLIGENT **L**INE **A**RRAY

MKBMAILALD

4 049521 701979

LD-SYSTEMS.COM/MAILA