

LD SYSTEMS MAILA L / Line Array PA System 15 kW

TECHNICAL DETAILS

| Category | PA system |
|----------------------------|--------------------------------|
| Speaker category | Passive (MAILA SAT) |
| Max. SPL (dB; @1m) | 125.4 (MAILA COL) |
| Max. SPL (dB; @1m) | 128.2 (MAILA SAT) |
| Max. SPL (dB; @1m) | 127.4 (MAILA SUB) |
| Frequency response (Hz) | 34 ~ 20000 (-6dB) |
| Frequency response (Hz) | 100 ~ 20000 (-6dB) (MAILA SAT) |
| Frequency response (Hz) | 105 ~ 500 (-6dB) (MAILA COL) |
| LF transducer | 4 x 6.5" (MAILA COL) |
| LF transducer | 1 x 6.5" (MAILA SAT) |
| LF transducer | 2 x 15" (MAILA SUB) |
| HF transducer | 5 x 1" (MAILA SAT) |
| Nominal coverage (h/v; °) | 100/8 (MAILA SAT) |
| Nominal coverage (h/v; °) | 100/- |
| Amplifier type | Class D (MAILA COL) |
| Amplifier type | Class D (MAILA SUB) |
| Continuous power (W) | 2500 (MAILA SUB) |
| Continuous power (W) | 2500 (MAILA COL) |
| Continuous power (W) | 15000 |
| Max. power consumption (W) | 1300 (MAILA SUB) |
| Max. power consumption (W) | 800 (MAILA COL) |
| Width (mm) | 205 (MAILA SAT) |
| Width (mm) | 540 (MAILA SUB) |



| | |
|-----------------|------------------|
| Width (mm) | 205 (MAILA COL) |
| Height (mm) | 234 (MAILA SAT) |
| Height (mm) | 934 (MAILA SUB) |
| Height (mm) | 1028 (MAILA COL) |
| Height (mm) | 3370 |
| Depth (mm) | 226 (MAILA SAT) |
| Depth (mm) | 803 (MAILA SUB) |
| Depth (mm) | 354 (MAILA COL) |
| Net weight (kg) | 7.65 (MAILA SAT) |
| Net weight (kg) | 89.8 (MAILA SUB) |
| Net weight (kg) | 36.2 (MAILA COL) |
| Net weight (kg) | 482.8 |
| Set contains | 4 x MAILA SUB |
| Set contains | 4 x MAILA SUB CB |
| Set contains | 6 x Power cable |
| Set contains | 2 x MAILA COL |
| Set contains | 12 x MAILA SAT |
| Set contains | 1 x MAILA FC1 |
| Set contains | 4 x MAILA SUB PC |
| Set contains | 2 x MAILA FC2 |

PRODUCT DESCRIPTION

MAILA L is the largest ground-stack stereo system in the MAILA family, offering maximum power and punch for medium-sized live sound applications, clubs and corporate events where overhead installation is not possible.

This ground-stack system sets new standards for flexibility. With 15 kW of power, MAILA L combines various advanced acoustic technologies: a bandpass subwoofer with cardioid function, a column module with integrated DSP amplifier and coaxial satellites with line array function.

The MAILA L is based on four 2x15' 2.5 kW subwoofers (MAILA SUB) with a state-of-the-art DSP SysCore processor, which deliver powerful, solid bass. Above the subwoofers is the MAILA COL speaker module, containing four 6.5' woofers, a 4-channel DSP amplifier (2.5 kW) with SysCore DSP and a wireless power system for the MAILA SAT satellites mounted with SmartLink+ rails.

Six MAILA SAT satellites are mounted on each COL module, housed in sleek aluminium unibody enclosures. Thanks to Advanced WaveAhead technology, each satellite has five 1' tweeters positioned in front of a 6.5' midrange driver, which, combined with SonicGuide, provides clean sound without distortion. The integrated passive diaphragm allows the range to be extended to 100 Hz, providing a classic linear dispersion pattern with excellent sound coverage.

The innovative swivel mount with EasySplay mechanism on each MAILA SAT satellite allows quick and easy adjustment of the tilt angle from 0° to 8°, even with one hand, providing flexibility.

MAILA L is a scalable sound system that sets new standards for diversity and flexibility. The MAILA COL module can support up to eight MAILA SAT satellites, and the system can be configured into a variety of layouts, adapting it to medium-sized festival stages, clubs, conferences and lectures.

The MAILA system can be easily configured via the MAILA app (iPadOS) or directly on the device. The integrated LogoLink wireless connection provides a reliable range of up to 30 metres. The app automatically recognises MAILA components, making it easy to set up the system quickly, including setting SAT angles.

LD Systems with MAILA presents a new sound reinforcement concept, enabling users to use one system in multiple configurations.

The kit includes: 4 MAILA SUB subwoofers, 2 MAILA COL loudspeakers, 12 MAILA SAT satellites, 1 MAILA FC1, 2 MAILA FC2, 4 MAILA SUB CB, 4 MAILA SUB PC and 6 power cables. Rent today at SQM Rental House!

Product link:

<https://rentalhouse.sqm.eu/gb/linear-systems/2042-ld-systems-maila-l-line-array-pa-system-15-kw.html>