



LD SYSTEMS MAILA XL / Line Array PA System 17.5 kW

TECHNICAL DETAILS

Category	PA system
Speaker category	Passive (MAILA SAT)
Max. SPL (dB; @1m)	127.4 (MAILA SUB)
Max. SPL (dB; @1m)	128.2 (MAILA SAT)
Frequency response (Hz)	100 ~ 20000 (-6dB) (MAILA SAT)
Frequency response (Hz)	34 ~ 20000 (-6dB)
LF transducer	2 x 15" (MAILA SUB)
LF transducer	1 x 6.5" (MAILA SAT)
HF transducer	5 x 1" (MAILA SAT)
Nominal coverage (h/v; °)	100/-
Nominal coverage (h/v; °)	100/8 (MAILA SAT)
Amplifier type	Class D (MAILA SPA)
Amplifier type	Class D (MAILA SUB)
Continuous power (W)	2500 (MAILA SUB)
Continuous power (W)	1250 (MAILA SPA)
Continuous power (W)	17500
Max. power consumption (W)	1300 (MAILA SUB)
Max. power consumption (W)	400 (MAILA SPA)
Max. capacity (kg)	105 (Truss)
Width (mm)	540 (MAILA SUB)
Width (mm)	205 (MAILA SAT)
Width (mm)	205 (MAILA SPA)
Height (mm)	234 (MAILA SAT)

Height (mm)	2200
Height (mm)	934 (MAILA SUB)
Height (mm)	282 (MAILA SPA)
Depth (mm)	803 (MAILA SUB)
Depth (mm)	226 (MAILA SAT)
Depth (mm)	226 (MAILA SPA)
Net weight (kg)	7.65 (MAILA SAT)
Net weight (kg)	150.4 (Flying array)
Net weight (kg)	7.45 (MAILA SPA)
Net weight (kg)	89.8 (MAILA SUB)
Net weight (kg)	672.4
Set contains	2 x MAILA FC3
Set contains	16 x MAILA SAT
Set contains	2 x EasyMount+
Set contains	6 x MAILA SUB PC
Set contains	2 x MAILA SPA
Set contains	6 x MAILA SUB
Set contains	6 x MAILA SUB CB
Set contains	8 x Power cable

PRODUCT DESCRIPTION

The LD Systems MAILA XL is the ideal solution for those who want the ultimate in power, range and even sound dispersion, while maintaining ease of use and maximum flexibility. The MAILA XL is the ideal PA system for professional live events, clubs and large conferences.

MAILA XL, unlike the MAILA S, M and L ground systems, has been developed primarily for overhead applications, but can also be easily converted into several ground systems with minimal additional costs.

The MAILA XL is not just one product, but a scalable stereo sound system that sets new standards in terms of variety and flexibility. With a total output of 17.5 kW, MAILA XL combines several advanced acoustic concepts: a band-pass subwoofer with cardioid function, a flown amplifier module with DSP processor and coaxial satellites with line-array function.

The MAILA XL's low-frequency base consists of six 2x15' 2.5 kW subwoofers (MAILA SUB) in a band-pass arrangement, equipped with a state-of-the-art SysCore DSP processor for powerful and powerful bass sound. Each subwoofer is powered by the MAILA SPA amplifier module, which contains all the necessary amplifier electronics and the SysCore DSP processor.

Beneath each SPA amplifier module are eight MAILA SAT satellites in a sleek, aluminium unibody enclosure. Connections between SPA and SAT and between the individual satellites are completely wireless, thanks to the innovative SmartLink+ buses. Using Advanced WaveAhead technology, each SAT

satellite is equipped with five 1' tweeters placed in front of a 6.5' midrange driver, which, in combination with SonicGuide, minimises sound distortion. In addition, despite its compact size, the integrated passive diaphragm in the satellites allows the bandwidth to be extended to 100 Hz, resulting in a classic linear dispersion with impressive sound range.

Each MAILA SAT satellite features a swivel mount on the rear of the cabinet with the patented EasySplay mechanism. It allows users to infinitely adjust the angle of the satellite from 0° to 8° with one hand, even under load. As a result, MAILA offers exceptional flexibility in adapting sound coverage to any sound reinforcement situation.

The MAILA system can be easily configured via the MAILA app (iPadOS) or directly on the device. Thanks to LogoLink wireless technology, the system operates reliably within a range of up to 30 metres. The app automatically recognises MAILA components, enabling quick and easy configuration, including SAT angle settings.

The kit includes: 16 MAILA SAT satellites, 2 MAILA SPA amplifier modules, 6 MAILA SUB subwoofers, 2 EasyMount+, 2 MAILA FC3, 6 MAILA SUB CB, 6 MAILA SUB PC and 8 power cables. Rent from SQM Rental House!

Product link:

<https://rentalhouse.sqm.eu/gb/linear-systems/2038-ld-systems-maila-xl-line-array-pa-system-175-kw.html>