

## MMSub® Loudspeaker



The MM SUB loudspeaker expresses the maximum SPL capability with remarkable low frequency extension in so reduced a size.

It is the result of an extensive search on components and careful mechanical design, in order to create a fully integrated, modular, eclectic and flexible bass system.

The MM subwoofer is the medium throw model, with identical technology to the NM but different SPL and bass extensions, available in marine natural or coated wood.

This speaker also can be driven by Powersoft® amplifier "ducanali", "ottocanali DSP", "X" or "K" series, with dedicated presets.

### Specifications

### MMSub

Frequency response $\pm 3$ db	38 ÷ 150 Hz
Efficiency (1W/mt)	100 db
Program power (AES power)	4.000 W (2.000W)
SPL 1 mt (AES power)	136 db (133db)
Impedance	4 $\Omega$
Coverage	360° (it depends on array configuration)
Drivers	2 x 15" Woofer, very long excursion, 4" voice coil
Connections	2 x SpeakON® 4 wires
Dimensions (cm)	96L x 50H x 36P
Weight (Kg)	42

Sonus Audio Services srl reserves the right to make modifications without prior notice.

MM SUB is a medium throw subwoofer loudspeaker in a VLLA series.

Thanks to their reduced dimensions, the cabinets can be installed in any configuration, even coupling them in length, which has no virtual limits, to create an effective sub-line-source.

A 2.000W+2.000W/4 Ohm (at least) power (stereo) amplifier will easily drive 2 x MM SUB. It is necessary to use exclusively 4 poles cables, with SpeakON® connector, since the system works with cross connection between 2 loudspeakers (a single 4 wires cable connects 2 subs). Using low grade equalization allows to get very strong and stiff sound pressure at low frequency.

On a Powersoft® "ducanali", "ottocanali DSP", "X" or "K" platform presets for all the loudspeakers are available.

Each MM-SUB subwoofer, powered by a Powersoft® DSP amplifiers, is able to match with two MACRO 4.8.16, maintaining nearly the same SPL capacity.

