

Master M44

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Description

The Master Series M44 loudspeaker, with the SA1203 woofer and the SA8520 Ribbon Compact Driver, is designed and build for small studios, but can also be used at home.

At your living room the M44 gives you a new (ribbon)experience as to 'that's how music should sound'!

By design the M44 is fitted with 30mm thick walls and baffle wherein the driver units are flush mounted. The M44 can be driven active or passive.

Placement

Optimal positioning of the M44 can best be done with the expertise of an (Stage Accompany) acoustics engineer. In-wall/flush mounting is recommended.

Maintenance

Maintenance on the M44, especially on the drivers and filters, is best left to official Stage Accompany service personnel. However, cleaning of the cabinet can easily be done by yourself with a damp lint-free cloth.

Active / passive switch

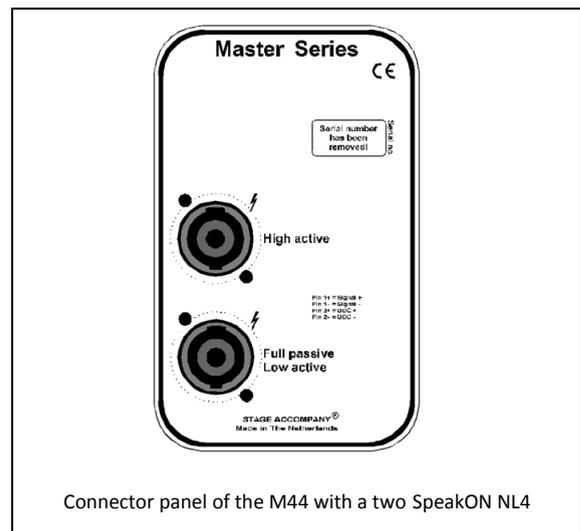
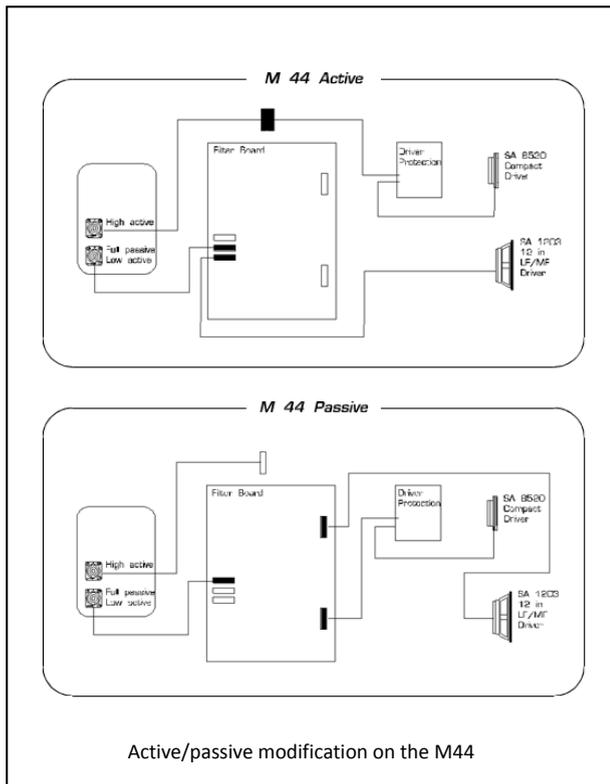
The M44 is factory set to passive filtering (single amp). Changing the M44 from 'passive' to 'active' mode is best left to official Stage Accompany service personnel. If you want to do this yourself it is required to remove the woofer from the cabinet and put the active/ passive socket in the right place, ask your Stage Accompany dealer for information.

Connections

The M44 has two SpeakON NL4 connectors. If you use the M44 cabinet in 'passive' mode, read the descriptions below the connectors. If used in 'active' mode, read the descriptions above the connectors (Caution: incorrect connections when used in 'active' mode can cause damage to the loudspeaker components).

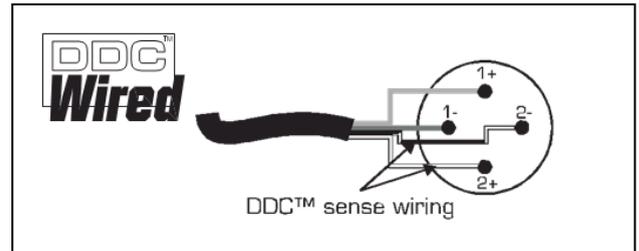
Options

The M44 is standard finished in opal white finish, other (metallic) colors are available on request. Further options are: flight case and small Uni-Rig™ flying system.



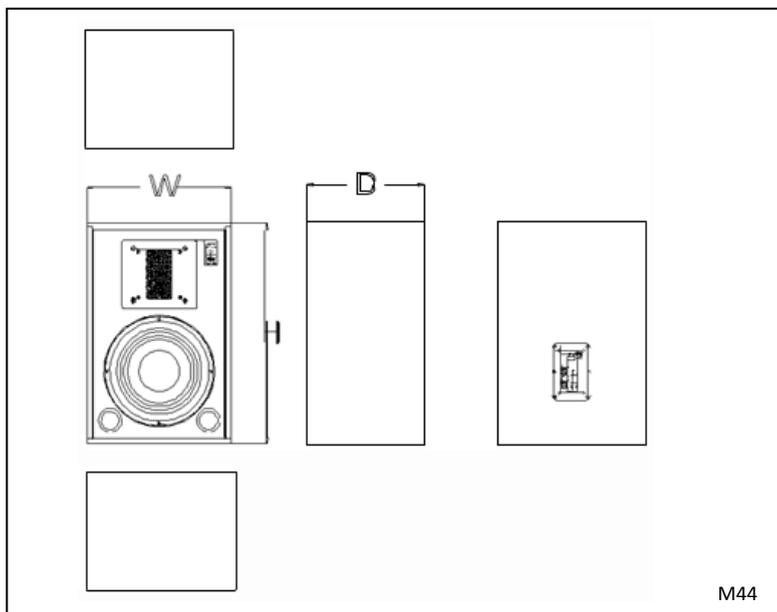
Wiring for DDC™

For absolute top quality sound reproduction, the M44 is equipped with Dynamic Damping Control™. The DDC™ system is based on two loudspeaker wires that return from the speaker to the (SA) amplifier. The picture on the right shows the wiring of a SpeakON NL4 connector in combination with the DDC™ system.



Technical specifications

Frequency response	: 45Hz – 30kHz (+/- 3dB)
Transducers	: 1 x SA1203, 12" LF driver 1 x SA8520, HF driver
Cross-over frequency	: 1000Hz
Nominal impedance	: 8Ω (passive), 8Ω LF (active), 5Ω HF (active)
Sensitivity @ 1W/1m	: 93dB (passive), 93dB LF (active), 91dB HF (active)
Max. RMS power	: 400W (passive), 400W LF (active), 30W HF (active)
Max. Peak power	: 1000W (passive), 1000W LF (active), 500W HF (active)
SPL program/peak	: 119dB/123dB (passive), 119/123dB LF (active), 108/120dB HF (active)
Coverage angles (@ 2kHz H x V)	: 100° x 40°
Enclosure construction	: 30mm thick baffle and walls, 15mm Birch plywood + 15mm MDF
Color	: Opal white finish, other colors on request
Connectors	: 2 x SpeakOn NL4, 1 x full range passive/low active, 1 x high active
Physical dimensions (H x W x D)	: 612mm x 406mm x 320mm (24.1" x 16.0" x 12.6")
Weight	: 43kg (96.6lb)
Warranty	: 5 years limited (1 year on 'moving parts')



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That's How Music Should Sound!