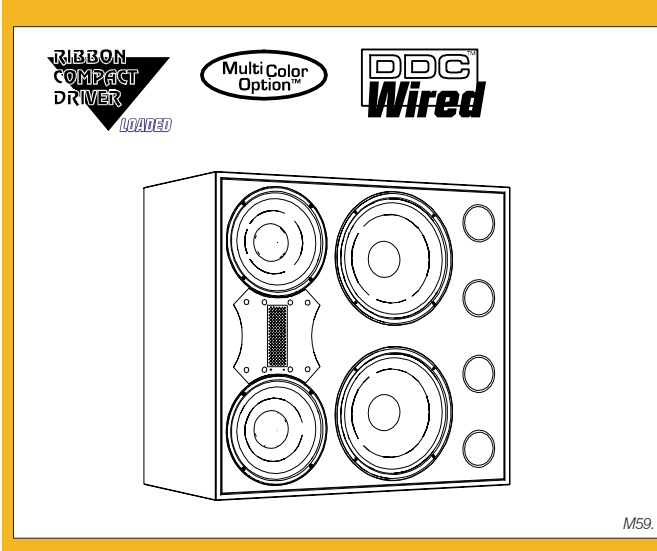




stage accompany



# Master M59

In this documentation you will find information about:

- Placement
- Connection
- Maintenance
- Options
- Dynamic Damping Control
- Recommendation
- Technical specifications

## Placement

Optimal positioning of the M59 can best be done with the expertise of an (Stage Accompany) acoustics engineer.  
 In-wall/flush mounting is recommended.  
 Note: the M59 cabinets are made per pair so the loudspeaker placement is mirrored.

## Options

The M59 is standard finished in opal white finish, other (metallic) colors are available on request. Further options are:

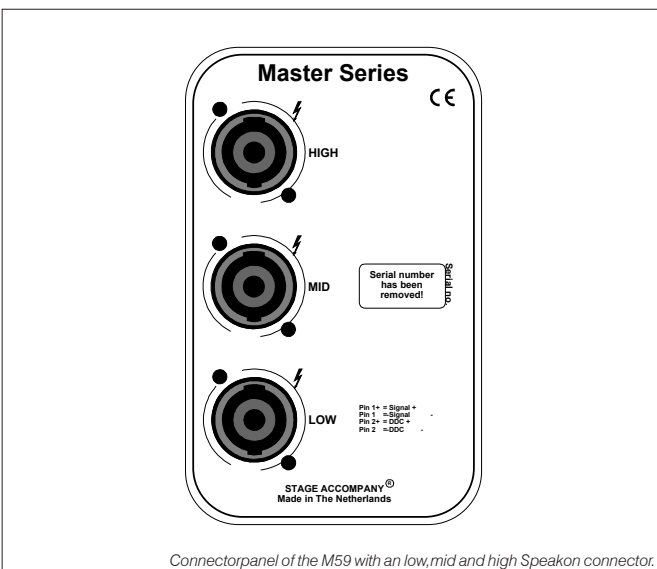
- Flight-case
- Small Uni-Rig™ flying system

## Connection

The M59 has three 4-pole Speakon connectors.  
 Since the cabinet is designed for active use you will find connectors for: low, mid and high (caution: make sure that the right amplifier output is connected to the right connector in order not to damage any of the loudspeaker components).

## Maintenance

Maintenance on the M59, especially on the drivers is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

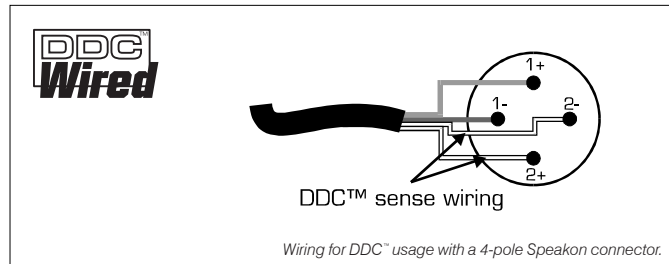


Connectorpanel of the M59 with an low, mid and high Speakon connector.

## Dynamic Damping Control DDC™

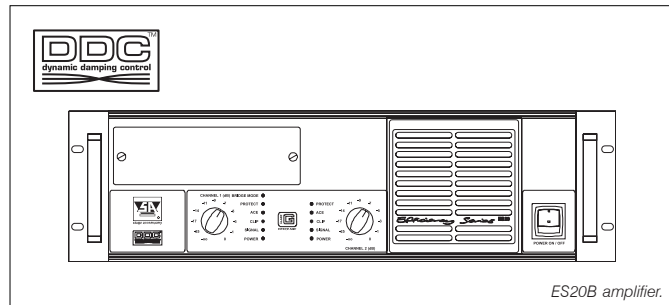
For absolute top quality sound reproduction, the M59 is completely pre wired for Dynamic Damping Control™.

The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the (SA) amplifier. Through these "sense wires" the amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.



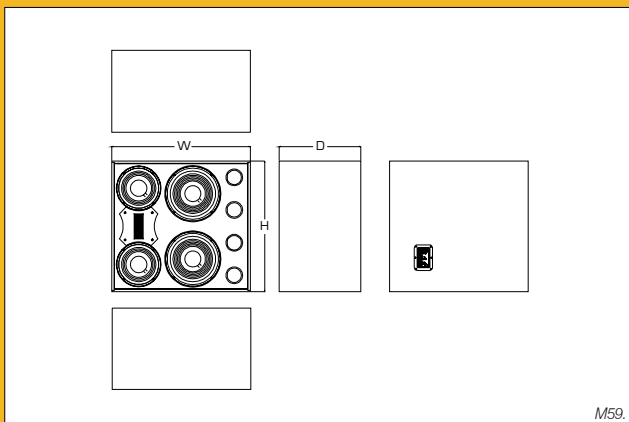
## Recommendation

To use the M59 we recommend the ES20B power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite amplifier damping factor at the speaker terminals. To use the DDC™ system with an ES20B amplifier, use Stage Accompany 4-pole LW Speakon cable. The ES20B's Extended Function Network (EFN™) module can provide suitable filtering within the amplifier.



## Technical specifications

Frequency response	: 35 Hz - 30 kHz (+/- 3dB)
Drivers	: 2 x SA 1513 LF/MF driver 2 x SA 1203 MF driver 1 x SA 8535M HF driver
Cross-over frequency	: 100 Hz / 1400 Hz
Nominal impedance	: 4 Ohm (LF), 4 Ohm (MF), 13 Ohm (HF)
Sensitivity @ 1W/1m	: 98 dB (LF), 98 dB (MF), 102 dB (HF)
Max. RMS power	: 800 W (LF), 800 W (MF), 60 W (HF)
Max. Peak power	: 2000 W (LF), 2000 W (MF), 1000 W (HF)
SPL program/peak (dB)	: 127/131 (LF), 127/131 (MF), 120/132 (HF)
Dispersion (2 kHz H x V)	: 100° x 40°
Color	: Opal white finish, other colors on request
Connectors	: 3 x 4 pole Speakon; 1 x Low, 1 x Mid, 1 x High
Physical dimensions (h x w x d)	: 908 x 965 x 569 mm (35.8 x 38.0 x 22.4 in.)
Weight	: 157 kg (345 lb)



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