

MUSWAY

MUSIC IS THE WAY

MR108Q

MR110Q

MR206Q

MR208Q

BASSREFLEX SUBWOOFER ENCLOSURES

IMPORTANT NOTES

Choose a suitable location for your soundsystem, that neither the driver's field of vision nor the security of the inmates will be affected. This stands also for airbag-zones and safety belts. The permanent temperature of the location should not be lower than 5°C and not higher than 50°C. Protect the device from moisture and humidity.

Ensure that your subwoofer enclosure will not get loose during the drive and hurt someone in the passenger cabin. It is recommended, that you mount the subwoofer enclosure with suitable belts or any other mounting solutions in the trunk area.

Please observe not to damage any serial components of your vehicle (airbags, wires, gastank etc.) during the installation of your soundsystem by drilling or any other operations.

Never screw or mount any other devices (amps, caps etc.) onto the subwoofer enclosure, this may cause damage to the electricity.

For your personal concerns you should choose a appropriate sound level for the subwoofer enclosure, that neither the roadworthy of the driver nor his concentration will be disturbed, that he is able to notice possible traffic noises and acoustical warning signals.

Modern car audio soundsystems provide very high acoustic pressure beyond the 100 dB mark. Please observe in this case, that permanent use of high sound levels may cause damage to your ability of hearing.

Please ensure by any means the correct polarity of all connections. Faulty installed and connected devices may get damage the vehicle and the device permanently.

Please check in any case the operation guide or wiring manual of your amplifier which you'd like to use for the soundsystem.

POWER RATING

MUSWAY subwoofer enclosures are designed for high bass levels. Anyhow it is possible, that unsatisfying sound characteristics could be caused by too low or too high amplifier power. In certain circumstances this even can cause a damage to the loudspeakers.

It is recommended to choose rather a more powerful amplifier (ca. 15-20% more Watts RMS than the max. RMS power rating of the woofer) and to use the amplifier not at the maximum output level (low distortion factor, good sound characteristics). A weaker amplifier at the maximum level causes worse sound characteristics due to the higher distortion factor.

Never crank up the output volume of your amplifier to the maximum level or run the amplifier into the clipping range. If the sound is distorted and not clean, turn back the level until the distortions disappear.

MUSWAY subwoofer enclosures have no integrated limiter or clipper, which is limiting the level upwards. Overamplified bass peaks leads inevitably to a burn out of the voice coil of the woofer.

SPECIFICATIONS

MR108Q

Subwoofer	20 cm (8") with Dual Voice Coil (Ø 50 mm)
Power Rating	200 Watts RMS / 400 Watts max.
Recom. Amplifier Power	140 to 220 Watts RMS at 4 or 2 + 2 Ohm
Impedance	2 + 2 Ohm
Frequency Range	35 - 300 Hz
Dimensions	29 x 29 x 29/24 cm

MR110Q

Subwoofer	25 cm (10") with Dual Voice Coil (Ø 50 mm)
Power Rating	250 Watts RMS / 500 Watts max.
Recom. Amplifier Power	180 to 280 Watts RMS at 4 or 2 + 2 Ohms
Impedance	2 + 2 Ohms
Frequency Range	30 - 300 Hz
Dimensions	36 x 32 x 32/25,5 cm

MR206Q

Subwoofer	2 x 16,5 cm (6.5") with Dual Voice Coil (Ø 38 mm)
Power Rating	300 Watts RMS / 600 Watts max.
Recom. Amplifier Power	260 to 340 Watts RMS at 4 or 2 + 2 Ohms
Impedance	2 + 2 Ohms
Frequency Range	40 - 300 Hz
Dimensions	45 x 23 x 25/20 cm

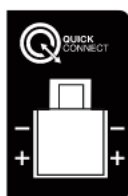
MR208Q

Subwoofer	2 x 20 cm (8") with Dual Voice Coil (Ø 50 mm)
Power Rating	400 Watts RMS / 800 Watts max.
Recom. Amplifier Power	280 to 440 Watts RMS at 4 or 2 + 2 Ohms
Impedance	2 + 2 Ohms
Frequency Range	30 - 300 Hz
Dimensions	57 x 29 x 29/24 cm

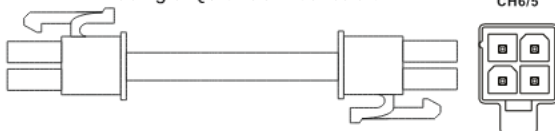
INTERCONNECTION WITH QUICKCONNECT

Required:

- Compatible MUSWAY amplifier such as M6
- QuickConnect cable such as QC120, QC300 or QC500



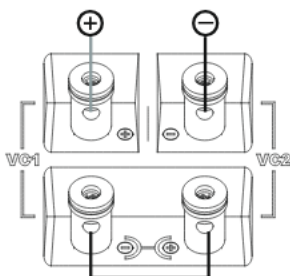
Connect the connection socket
QuickConnect with the connection
SPEAKER OUTPUT of the amplifier
using a QuickConnect cable



WARNING:
Use the QUICKCONNECT interconnection and
the spring terminal connections never at the same time!

INTERCONNECTION WITH SPRING TERMINALS

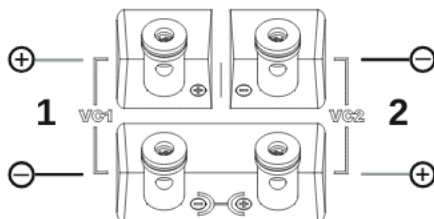
Operation with one amplifier
serial 4 Ohms



Connect amplifier at VC1 + and VC2 -

Connect VC1 - with VC2 +

Operation with two amplifier
standard 2 + 2 Ohms



Connect amplifier 1 at VC1

Connect amplifier 2 at VC2

WARNING:

Please ensure that the connection of the cables have the correct polarity as marked.

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