

# AMPIRE®

# BMW-C1

German Engineering. Out of the ordinary.

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## Owner's Manual

*English*



Before attempting to connect or operate this product, please read the instructions completely.

## Precautions

- Pay utmost attention if you install the loudspeakers into the driver's compartment.
- Use only on minimum 4 ohm stable devices.
- Make the correct connections.
- Do not damage pipe or wiring when drilling holes.
- Arrange the wiring so it is not crimped or pinched by a sharp metal edge.
- Do not install the loudspeakers in locations which might hinder vehicle operations and do not install in locations with any moisture. Use the installation materials provided with the loudspeakers.
- **Warning!** Loudspeakers may produce sound pressure levels that exceed the threshold at which hearing loss may result. They may also impair a driver's ability to hear traffic sounds or emergency vehicles. Practice safe listening when listening to your audio system. This loudspeakers are developed for motor vehicle use only.

## Environmental Reference

- Old electronic devices don't belong into the bin.
- If you want to dispose this equipment later, remove all cables and send it back to Ampire or bring it to a collection point for old electronic devices.
- You can dispose this device together with your old car, too. You don't have to remove it in this case.
- The packing can be recycled. Dispose the packing in a collecting system planned for it.





2x Coaxial Speaker BMW-C1  
for original fitting in the doors



2x Adapter Rings for BMW-C1



2x Adapter Cable for original BMW plug

## Speaker Installation

- 1) Remove the door panels. Be careful not to damage any components!
- 2) There are harnesses on the back of the door panels. Take care that they are not be damaged!
- 3) Disconnect the wire harness and the three nuts from the original speaker and remove the speaker from the door panel.
- 4) Place the BMW-C1 speakers. Use the adapter ring when needed.
- 5) Fix the speakers with three nuts.
- 6) Connect your speaker cable to the terminals of the BMW-C1 coaxial speakers. If you want to use the original BMW plug please use the adapter cable provided with the speakers. Be sure of right polarity.
- 7) Assemble the door panels again.

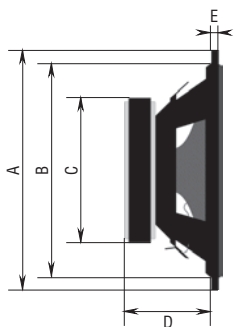


# Technical Specifications

## BMW-C1

Fs / Hz	128
VAS / L	1,75
Qts	1,18
Qes	1,91
Qms	3,05
Re / $\Omega$	3,2
Z / $\Omega$	4,0
Le / mH	0,08
SPL / dB	88
Mms / gr.	3,58
Xmax / mm	3,5
Sd / cm <sup>2</sup>	55,4
Vd / cm <sup>3</sup>	19,4
D / mm	8,4
Pe / Watt	60 / 120

## Dimensions



### BMW-C1

A	102 x 113,5 mm
B	91 mm
C	35 mm
D	41 mm
E	5 mm

Since its founding in 1987 Ampire Electronics has only one goal, to provide the best possible Autoalarm-, Autohifi- and Multimedia products, which are available on the international market.

All manufacturing facilities and suppliers are certified according to ISO 9001 and QS-9000. Ampire quality products are sold worldwide.

An Ampire customer service is available in many countries.  
For more information about distributors in your territory please call: + 49-2181-81955-0.

We are focused on future oriented development of user friendly products.  
The outstanding high quality standards, functionalities and designs of our products are unique in the market. "German Development" is taken literally in AMPIRE.

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