

**BLAUPUNKT**



**VELOCITY POWER**  
BMW PLUG & PLAY  
SPEAKER UPGRADE

**BM 1402 CM4**

**BM 1402 CU4**



*Enjoy it.*

**Operating and Installation Instructions**

## INTRODUCTION

Proper system planning is vital in order to maximize the device's performance and road safety. Plan your installation carefully to avoid compromising performance reliability of the system. Consult an authorized Blaupunkt delaler for installation or reparation. Read the manual carefullt before operating the device for the first time.

### Safety Notes

Ensure to folow below safety notes during installation and wiring connection: -

- Disconnect the negative terminal of the battery. Refer to the safety notes of the vehicle manufacturer.
- Ensure positions of the holes are nowhere near the vehicle component to avoid any damage during drilling.
- Ensure cross section of the cable is no less than 2.5mm<sup>2</sup> if the positive and negative cables are too long.
- Incorrect installation may result in malfunction of the device or the car sound system.

### Installation and Connection Instructions

- Select a dry and well-ventilated location to install the device.
- The device must not be installed in overly exposed location such on therear shelf, rear seat etc.
- The installation location must be suitable for screw holes and have stable ground support.

### Disclaimer

In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products.

USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on as-is basis. No warranty, whether expressed or implied is provided in the U.S. or Canada.

### Voltage Supply

- Use the supplied power extension cable to connect to the positive battery terminal.
- Firmly and carefully connect the ground lead to a bare metal point on the vehicle chassis.
- The control of the device should be a two-channel control, either via the preamplifier output of the car sound system.
- A control solely via the right or left channel is also possible since the low-frequency portion of the music is generally identical on both channels.

### Recycling and Disposal



Do not dispose of your old unit in the household trash! Use the return and collection systems available to dispose of the old device.

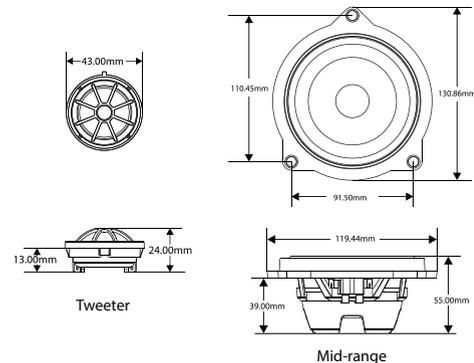
This manual may be updated from time to time without any notice.

## SPECIFICATION

### BM 1420 CM4

Pair of 4" BMW direct fit plug & play subwoofer to upgrade OE speaker installed for selected BMW models with paper cone material including installation instruction.

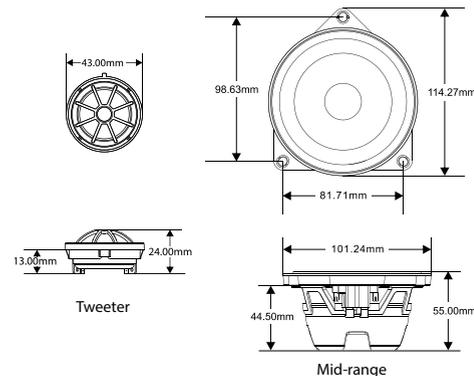
- Normal output power (RMS) : 30W
- Max. output power : 60W
- Sensitivity : 86dB
- Impedance : 4ohms
- Frequency response : 80Hz – 20,000Hz
- Surround : Rubber
- Magnet type : Neodymium magnet
- Mounting depth : 39mm
- Diameter hole : 129.5mm
- Overall height : 55mm



### BM 1420 CU4

Pair of 4" BMW direct fit plug & play subwoofer to upgrade OE speaker installed for selected BMW models with paper cone material including installation instruction.

- Normal output power (RMS) : 30W
- Max. output power : 60W
- Sensitivity : 86dB
- Impedance : 4ohms
- Frequency response : 80Hz – 20,000Hz
- Surround : Rubber
- Magnet type : Neodymium magnet
- Mounting depth : 44.5mm
- Diameter hole : 114.3mm
- Overall height : 55mm



## INSTALLATION

### Mid-range speakers



**1**  
Carefully remove the trim piece with the help of door trim removal to prevent damage



**2**  
Lift up the trim piece before slowly slide outward to release the trim from the door panel as seen in photograph



**3**  
Remove the door handle



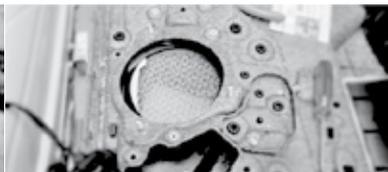
**4**  
Note that the door panel is fixed by numerous plastic clips, carefully pull the door away and disconnect all wiring doorlatch cables. Be very careful to avoid the damage of the plastic clips during door panel removal



**5**  
Remove front door card



**6**  
Remove all 3 screws that hold the mid-range speaker



## INSTALLATION



**7**  
Side by side comparison of OE speaker and Blaupunkt speaker



**8**  
Install Blaupunkt speaker using the original screws

## INSTALLATION

### Tweeter



Carefully remove original tweeter housing. (Wind down window for easy installation)



Replace the tweeter and insert the foam to the triangle housing. (Door triangle housing has speaker grill and holder for tweeter which is not included in the Blaupunkt speaker)



Finally, reconnect the wirings and door latch cables, reassemble the removed parts back on to the door and tighten the door panel's screw firmly

## COMPATIBILITY LIST

BM 1402 CM4/ BM 1402 CU4 can be installed in the following list of car models :

### BM 1402 CM4

Series	Model	Model Year	Mounting Position
1 series	E81(3-door)	2004-2013	Front door
	E82 (Coupé)	2004-2013	Front door
	E87 (5-door)	2004-2013	Front door
	E88 (Cabriolet)	2004-2013	Front door/ Rear side panel
3 series	E90 (Limousine)	2005-2013	Front door
	E91 (Touring)	2005-2013	Front door/ Rear door
	E92 (Coupé)	2005-2013	Front door/ Rear side panel
	E93 (Cabriolet)	2005-2013	Front door/ Rear side panel

Series	Model	Model Year	Mounting Position
5 series	F10 (Limousine)	2010-2014	Front door/ Rear door
	F11 (Touring)	2010-2014	Front door/ Rear door
6 series	E63 (Coupé)	2002-2007	Front door/ Rear side panel
	E64 (Cabriolet)	2002-2007	Front door/ Rear side panel
	F12 (Coupé)	from 2011	Rear side panel
	F13 (Cabriolet)	from 2011	Rear side panel
X1	E84 (SUV)	from 2009	Front door

### BM 1402 CU4

Series	Model	Model Year	Mounting Position	
1 series	E81(3-door)	2004-2013	Rear door	
	E82 (Coupé)	2004-2013	Rear door	
	E87 (5-door)	2004-2013	Rear door	
	F20 (5-door)	from 2011	Rear deck	
	F21 (3-door)	from 2011	Rear deck	
2 series	F22 (Coupé)	from 11/2013	Rear deck	
	F87 (M2)	2015-2023	Rear deck	
3 series	E90 (Limousine)	2005-2013	Rear deck	
	F34 (Gran Turismo)	2013-2020	Rear deck	
	F80 (M2)	2014-2020	Rear deck	
4 series	F32 (Coupé)	from 10/2013	Rear deck	
	F33 (Cabriolet)	from 10/2013	Rear deck	
	F36 (Gran Coupé)	from 2014	Rear deck	
	F82 (M4)	2014-2020	Rear deck	
5 series	E60 (Limousine)	2003-2009	Front door/ Center/ Rear deck	
	E61 (Touring)	2003-2009	Front door/ Center/ Rear roof	
	F07 (Gran Turismo)	2010-2014	Front door/ Center/ Rear roof	
	F11 (Touring)	2010-2014	Rear roof	
	G31 (Touring)	2017	Rear roof	
	6 series	F06 (Gran Coupé)	from 2011	Rear deck
		F13 (Cabriolet)	from 2011	Rear deck

Series	Model	Model Year	Mounting Position
7 series	E65 (Limousine)	2001-2008	Front door/ Center
	E66 (Limousine L)	2001-2008	Front door/ Center
	F01 (Limousine)	from 2008	Front door/ Rear door/ Rear deck
F02 (Limousine L)	from 2008	Front door/ Rear door/ Rear deck	
G11 (Limousine)	2016-2023	Rear deck	
G12 (Limousine L)	2016-2023	Rear deck	
X1	E84 (SUV)	from 2009	Rear deck
X3	E83 (SUV)	2003-2010	Front door/ Rear door
	F25 (SUV)	from 2010	Rear roof
X5	E70 (SUV)	2006-2013	Front door/ Rear door
	F15 (SUV)	from 2013	Rear roof
X5M	F85 (SUV)	2014-Now	Rear roof
X6	E71 (SUV)	2008-2014	Front door/ Rear door
	F16 (SUV)	2014	Rear roof
Z4	E89 (Roadster)	from 2009	Front door/ Rear door
i8	I15 (Roadster)	2016	Rear side panel
Mini	R60 (Countryman)	2010-2017	Front door/ Rear door
	R61 (Paceman)	2013-2020	Front door/ Rear door



**Designed and engineered by Blaupunkt Competence Centre**

BM 1402 CM4  
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BM 1402 CU4  
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