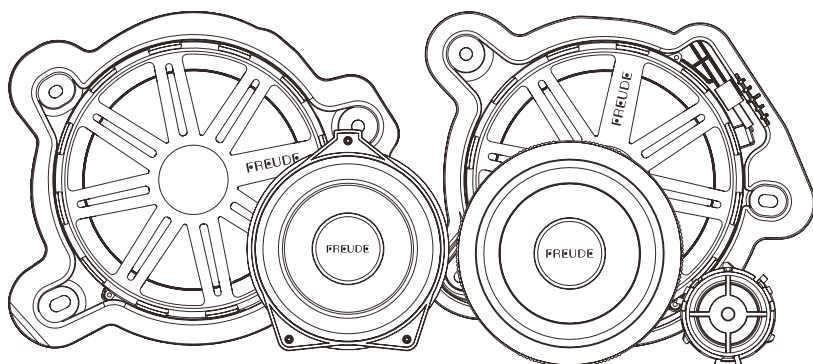


FREUDE

OWNER'S MANUAL



FBZ-100/FBZ-100C

4" 2-WAY COMPONENT KIT/4" CENTRAL SPEAKER

FBZ-SUB

8" WOOFER

WARNING

PLEASE READ CAREFULLY BEFORE INSTALLING OR OPERATING THIS UNIT!

Thank you for purchasing our car speakers.

Please read this instructions carefully before using and make sure you know speaker connections very well.

Precautions

- Before making holes, check the mounting space with supplied template.
- To prevent noise keep the wiring away from motors, high-voltage leads and other potential noise sources.
- To prevent a short-circuit, keep all wiring away from moving parts and sharp edges.
- Make sure you carefully read and understand the installation instructions before installing the system in vehicle.

Introduction

Thank you for choosing FREUDE. To achieve the best performance, please be sure to read all the instructions thoroughly and keep them where they will be read by all who use the product.

Freude FBZ-100/ FBZ-SUB is suitable for Mercedes-Benz new C-class, new GLC series (please consult your local dealer for specific models).

The mid-range speakers and tweeters of FBZ-100, are installed in the original position and connected with the original terminals of the vehicle, with the help of Freude audio upgrading system, you'd enjoy greatly improved sound quality. FBZ-SUB is designed to provide the required bass when space is limited, suitable for Mercedes-Benz original car audio upgrading. You could boost the bass in car by simply replace the original speakers with Freude FBZ-SUB .

The FBZ-100C is compatible with all Mercedes-Benz models on sale (please consult your local dealer for specific models).



Continuous listening to high volume(>110dB) voice may jeopardize hearing ability. listening to voice over 130dB may causes permanent damage to hearing

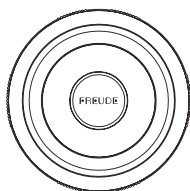
Packing List

FBZ-100: **A** x2 **C** x2 **D** x2 **I** x1

FBZ-100C: **B** x1 **E** x1 **I** x1

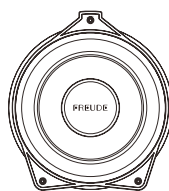
FBZ-SUB: **G** x1 **H** x1 **F** x1 **I** x1

A



4" Mid-range speaker

B



4" Central speaker

C



Tweeter

D



Speaker cable (FBZ-100)

E



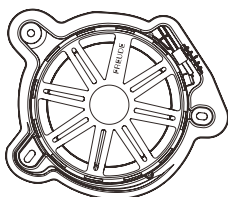
Speaker cable (FBZ-100C)

F



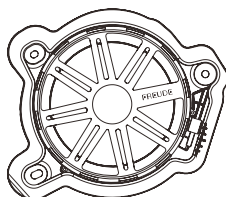
Speaker cable (FBZ-SUB)

G



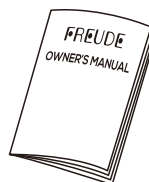
8" Woofer(L)

H



8" Woofer(R)

I



Owner's manual(English)
Owner's manual(Simplified Chinese)

Product Specifications

· Model:	· FBZ-100	· FBZ-100C
· Type:	· 4" 2-Way Component Kit	· 4" Central Speaker
· Max Power:	· 80W	· 80W
· Rms Power:	· 40W	· 40W
· Impedance:	· 4ohm	· 4+4ohm
· Sensitivity(2.83V/1M):	· 85dB	· 83dB
· Frequency Response:	· 130Hz - 20,000Hz	· 95Hz - 9,000Hz
· Midrange Basket:	· 4" PC/ABS	· 4" PP+20%CaCO ₃
· Midrange Cone:	· Grey Composite Paper Cone	· Composite Paper Cone
· Midrange Suspension:	· Rubber Surround	· Rubber Surround
· Tweeter Dome:	· Aluminum Dome With Silk Surround	-
· Tweeter Voice Coil:	· 25mm	-
· Tweeter Magnet:	· NdFeB	· NdFeB
· Made in P.R.C		

· Model:	· FBZ-SUB
· Type:	· 8" Woofer
· Max Power:	· 200W
· Rms Power:	· 100W
· Impedance:	· 4ohm
· Sensitivity(2.83V/1M):	· 81dB
· Frequency Response:	· 35Hz - 500Hz
· Basket:	· PC/ABS
· Cone:	· Grey Composite Paper Cone
· Suspension:	· Foamed Rubber
· Voice Coil:	· 35.5mm
· Magnet:	· NdFeB
· Made in P.R.C	

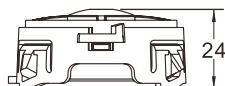
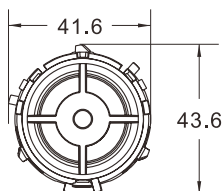
Features

- The speakers fit directly into Mercedes-Benz car audio systems without modification.
- Applying Mercedes-Benz specialized wiring harnesses and connectors, feasible for plug-and-play.
- Quick and easy installation.
- The composite paper cone reproduces authentic and wonderful sound.
- Neodymium magnet

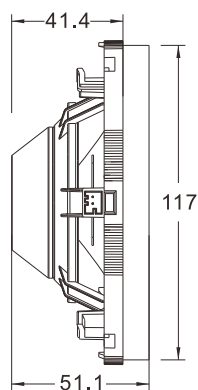
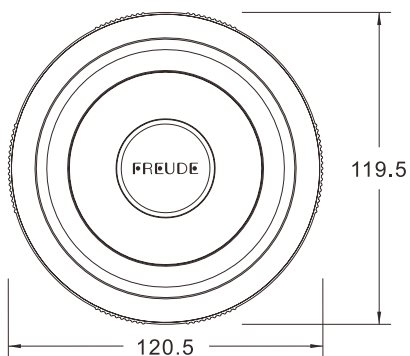
Product Dimensions

Dimensions in mm

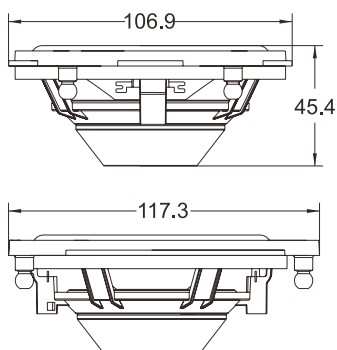
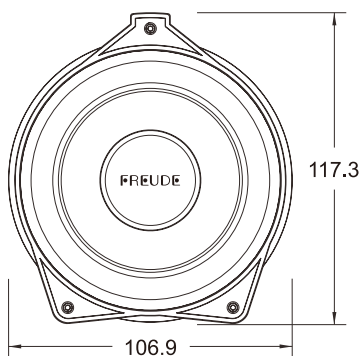
TWEETER



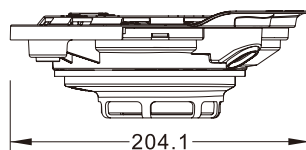
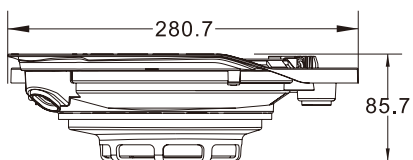
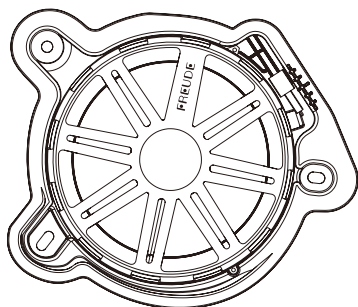
FBZ-100



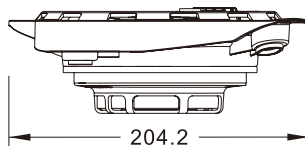
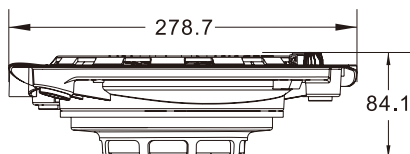
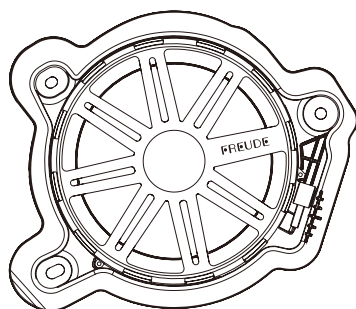
FBZ-100C



L



R





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The contents of this manual and the specifications of this product are subject to change without notice.
SICHERHEIT Company reserves the right to make changes to the specifications and materials contained therein without notice.