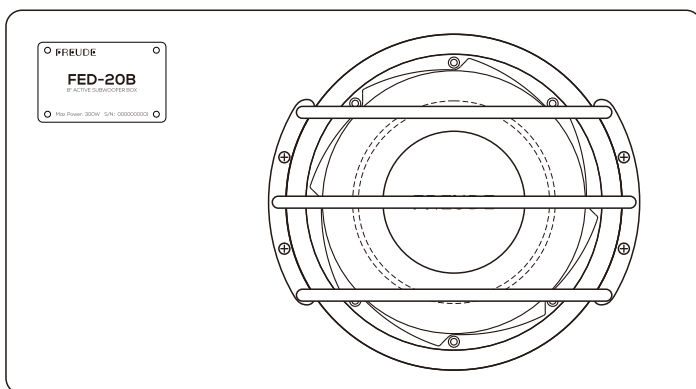


# FREUDE

## OWNER'S MANUAL



# FED-20B

## 8" SUBWOOFER BOX

### 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.

## **| Precatuions**

- 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.

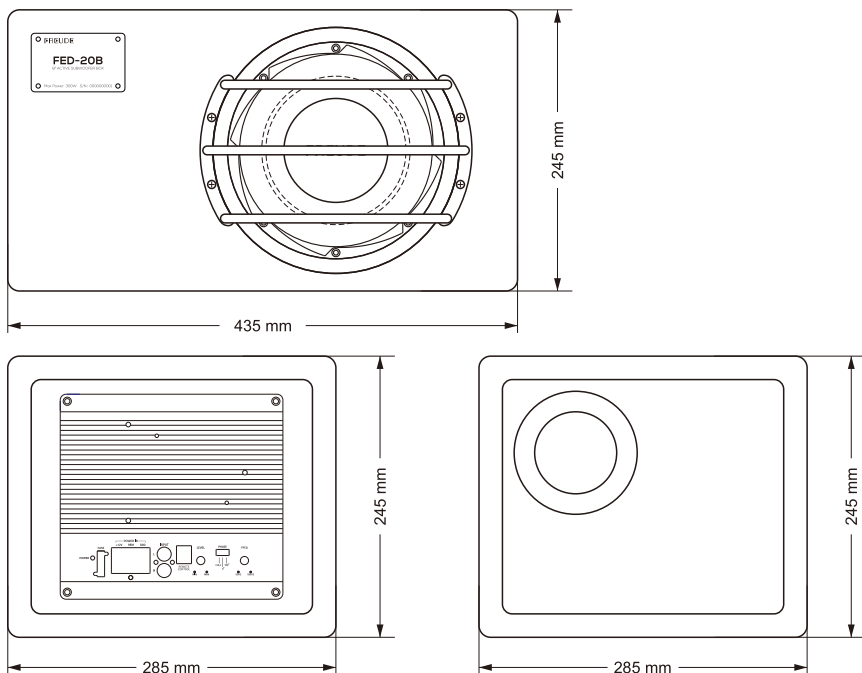


Continuous listening to high volume(>110dB) voice may jeopardize hearing ability. Listening to voice over 130dB may causes permanent damage to hearing

## Product Specifications

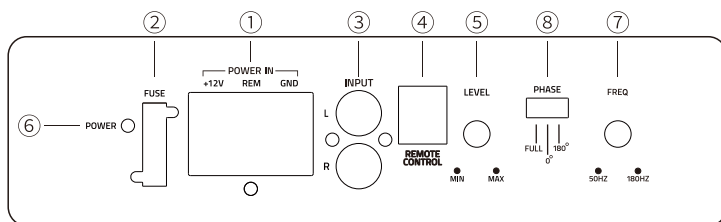
|                          |                           |
|--------------------------|---------------------------|
| · Model:                 | · <b>FED-20B</b>          |
| · Type:                  | · 8" Subwoofer Box        |
| · Max Power:             | · 300W                    |
| · Rms Power:             | · 150W                    |
| · Impedance:             | · 4Ohm                    |
| · Sensitivity(2.83V/1M): | · 82dB                    |
| · Frequency Response:    | · 28-180Hz                |
| · Basket:                | · Steel Basket            |
| · Cone:                  | · Paper Cone              |
| · Suspension:            | · Fomed Rubber            |
| · Voice Coil:            | · 35.5mm                  |
| · Magnet:                | · 120 x 60 x 20mm Ferrite |
| · Net Weight:            | · 10.3kg                  |
| · Dimensions:            | · 435 x 240 x 290mm       |
| · Made in P.R.C          |                           |

## Product Dimensions



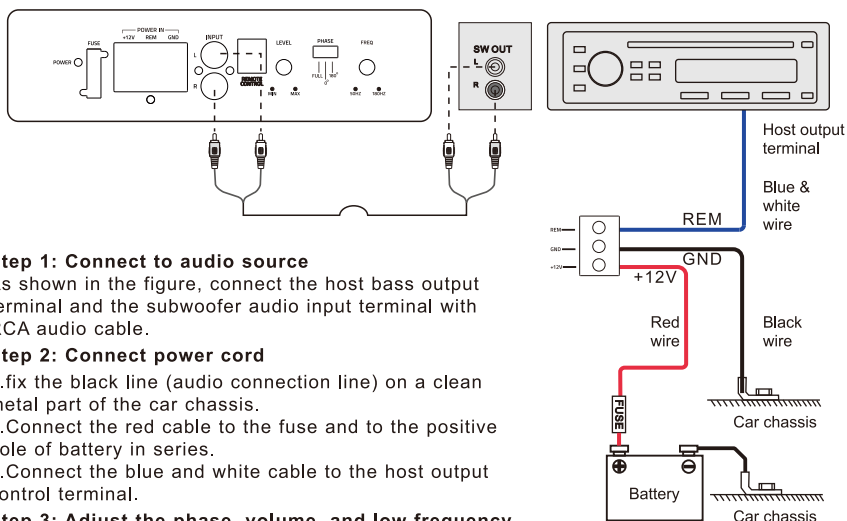
The contents of this manual and the specifications of this product are subject to change without notice.  
SICHERHEIT reserves the right to make changes to the specifications and materials contained therein without notice.

## Product Specifications



- |                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>① Power connection terminal;<br/>GND: Battery negative/ground wire;<br/>REM: Host output control wire;<br/>+12V: Battery positive wire;</li> <li>② Fuse: 25A</li> <li>③ Low level signal input terminal;<br/>L: Left channel<br/>R: Right channel</li> <li>④ Remote Control terminal;</li> </ul> | <ul style="list-style-type: none"> <li>⑤ Gain Control;</li> <li>⑥ Power status LED;</li> <li>⑦ Low frequency bandwidth control;</li> <li>⑧ Full Frequency/Low Frequency<br/>Phase Selector Switch<br/>Full: full frequency<br/>0°: Normal phase<br/>180°: inverted phase</li> </ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Product Specifications



### Step 1: Connect to audio source

As shown in the figure, connect the host bass output terminal and the subwoofer audio input terminal with RCA audio cable.

### Step 2: Connect power cord

1. fix the black line (audio connection line) on a clean metal part of the car chassis.
2. Connect the red cable to the fuse and to the positive pole of battery in series.
3. Connect the blue and white cable to the host output control terminal.

**Step 3: Adjust the phase, volume, and low frequency bandwidth, to the appropriate position.**

**Step 4: Turn on the host, and you can enjoy the unique charm of this product.**

# FREUDE

SICHERHEIT (ASIA) CO., LIMITED  
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Tsim Sha Tsui, Kowloon, Hong Kong

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