

OWNER’S MANUAL

Thank you for purchasing our car speakers.

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

- 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.

⚠ CAUTION ⚠

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

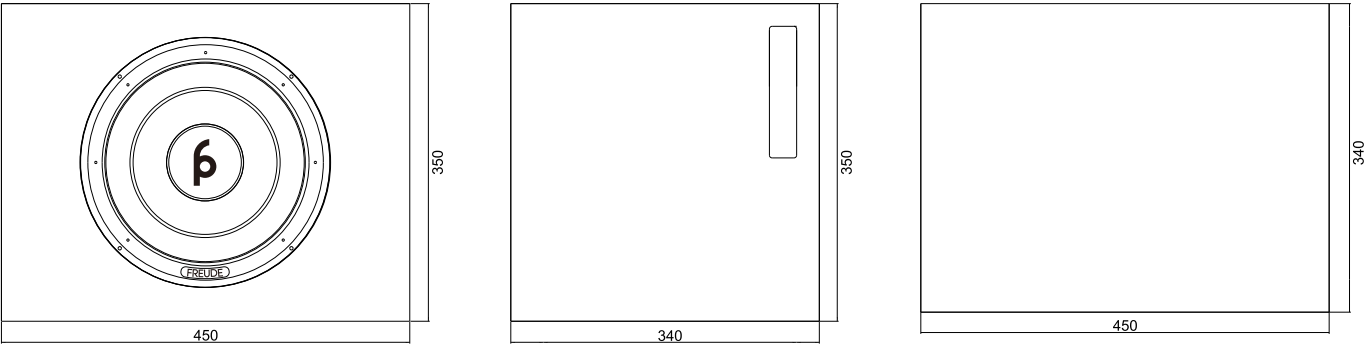
Features

- New optimized outer suspension (surround) for improved large-signal handling;
- Extremely rigid aluminium cone to ensure piston motion at high levels and for better heat transfer at high continuous power levels;
- New reinforced die cast alu chassis with optimal ventilation and increased stroke;
- Venting through holes in cone neck for reduced distortion and compression;
- Vented chassis for lower air flow speed reducing audible distortion;
- Two internally built-in alu rings for stabilizing the magnetic field leading to lower high-level distortion;
- Large motor structure with 2" voice coil diameter and 145 mm magnet for better control and efficiency;
- Long linear stroke motor for reduced distortion at high levels;
- Linear suspension with specially designed CONEX damper (spider) for long durability under extreme operating conditions;
- 4-layer voice coil for increased control and better small-cabinet performance;
- Scientifically designed enclosure, that perfectly match with speaker parameters and performance;
- Inverted phase design, realizing deeper and dynamic low-frequency;
- High-density enclosure panel, effectively reducing resonance of the woofer box;
- Magnetic removable grille design, flexible and meeting personalized applications;
- All materials meet strict environmental protection rules and attain certification.

Product Specifications

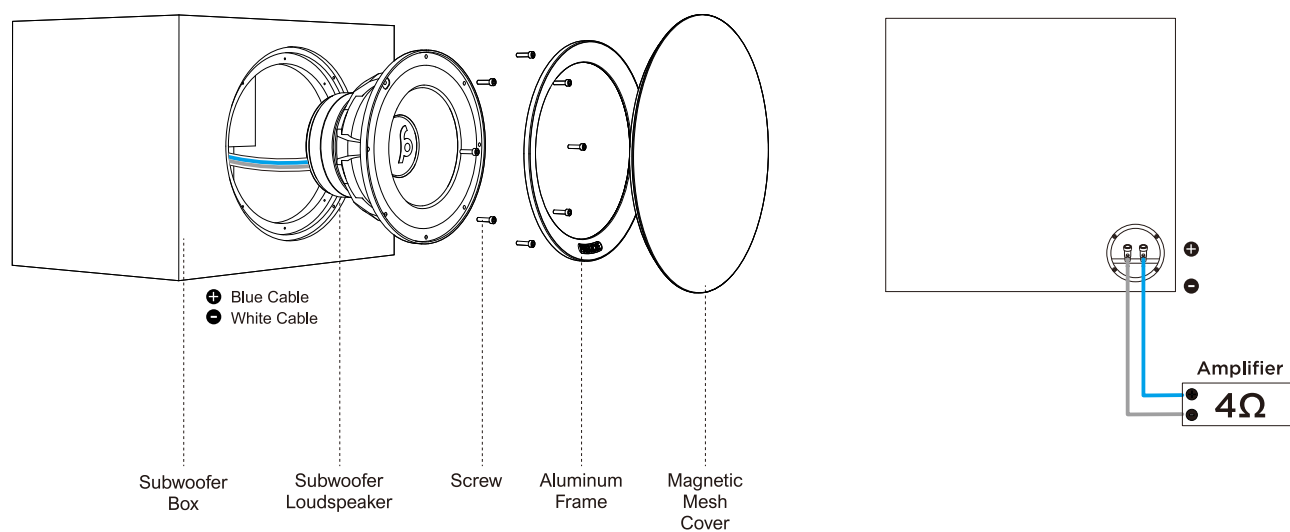
· Model:	· FBW-10Ultra
· Type:	· 10" Subwoofer Box
· Max Power:	· 600 W
· Rms Power:	· 300 W
· Impedance:	· 4 Ohm
· Sensitivity(2.83V/1M):	· 83.5 dB
· Frequency Response:	· 29 - 400 Hz
· Basket:	· Aluminum Basket
· Cone:	· Aluminum Cone
· Suspension:	· SBR
· Voice Coil:	· 51 mm
· Magnet:	· Ferrite
· Front Baffle:	· 36mm MDF
· Remainder of Enclosure:	· 25mm MDF
· Surface treatment:	· Blackwood piano lacquer finish
· Enclosure volume:	· 27.5L
· Weight:	· 22.8 kg
· Dimensions:	· 450 x 340 x 350 mm
· Made in P.R.C	

Mechanical Drawing



* The contents of this manual and the specifications of this product are subject to change without notice.

Mounting



Frequency Response(Ported Enclosure)

