



EL-M1200

Part Nr. 280182



User Manual

Thank you for purchasing this amplifier.

We guarantee superior performance in terms of electronics, mechanical quality, and sound, maintaining the stated characteristics over time.

Wish you happy listening.

Please read this user manual carefully before installing your amplifier. Follow the connection instructions, and if necessary, contact the service center for any questions.

Installation Instructions

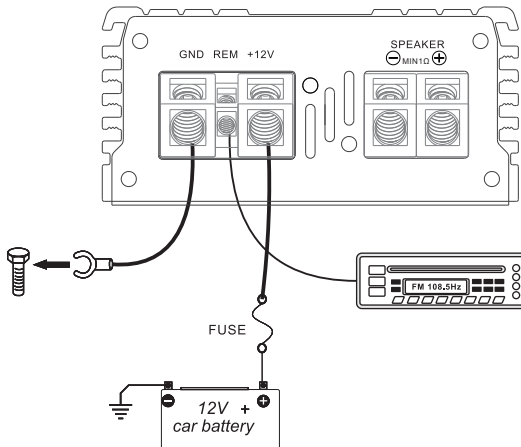
1. Please choose a location where there is no direct exposure to weather.
2. Please ensure the location allows for good air circulation to aid the amplifier's heat dissipation.
3. To ensure excellent performance and stability, please install it correctly.
4. Use the proper length power cable to reduce power consumption and ensure the best sound quality.
5. For safety, use power and speaker cables with the recommended specifications.
6. Do not route the cables through sharp metal edges or corners, and keep them away from ignition wires or the car's computer control system, as they may cause interference.
7. Use the shortest power cable possible, and prefer longer speaker cables.
8. Read the instructions for using the wires carefully to reduce interference.

Notes on The Power Supply

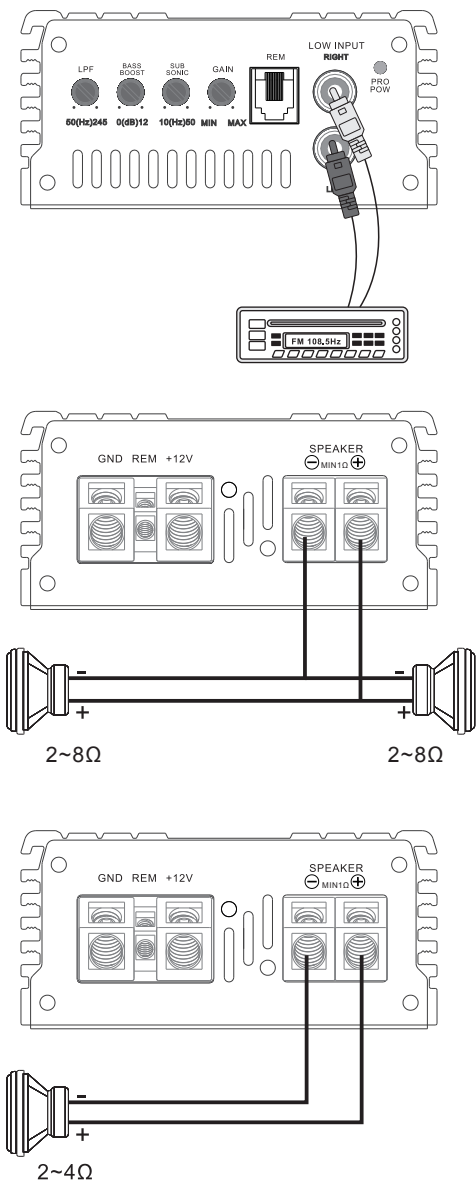
1. Connect the 12V power supply lead only after all other leads have been connected.
2. Be sure to securely connect the ground lead to a metal point in the car. A loose connection may cause a malfunction.
3. Connect the remote control lead from the head unit to the amplifier's remote terminal. A loose connection may cause a malfunction.
4. If the car audio system lacks a remote output, connect the remote terminal to the accessory power supply.
5. Use the power supply lead with a fuse (ONE 40A fuse).
6. Place the fuse as close as possible to the car battery.
7. Ensure the leads connected to the 12V and GND terminals are at least 10-gauge (AWG #10) power cables.

Power Connection Leads

Premium Power/GND cables should be used.



Speaker System



Specification

Class D Amplifier

Model:	EL-M1200
RMS Power:	1200W/1Ω, 850W/2Ω, 600W/4Ω (14.4V/±10%)
Input Sensitivity:	0.15V - 6V
Output Range (max):	96Vpp
Frequency Response:	20Hz - 250Hz
High pass / Low pass (-3dB, 12dB/Oct):	50Hz - 250Hz
Signal to Noise Ratio:	≤90dB
Total Harmonic Distortion:	≤0.2%
Dimensions (L x W x H):	260×110×52.5mm
Net Weight:	1.75kg

感谢您选择彩虹EL-M1200功放，其在电子、结构和音质方面拥有卓越的性能，且长久保持其所述特性。

祝您聆听音乐愉快。

请您在安装功放前认真阅读说明书并遵从接线指引，任何疑问如有必要请联系服务中心。

电源连接须知

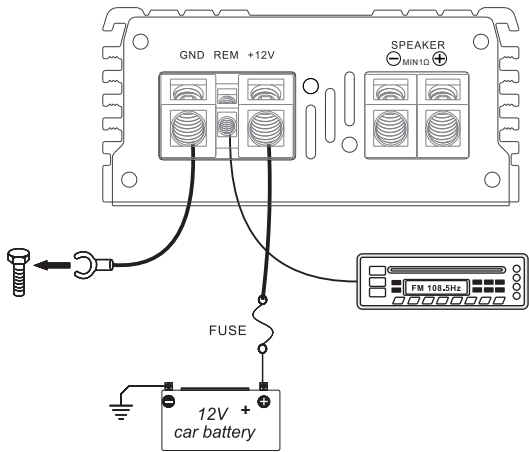
- 1、请选择一个没有阳光直射的地方进行安装。
- 2、请注意安装位置需要有良好的空气流通以帮助功放散热。
- 3、为确保功放的稳定和发挥优越性能，请严格正确安装。
- 4、请使用合适长度的电源线以减少功率损耗来保证最好的音质效果。
- 5、为确保安全请使用推荐规格的电源线和喇叭线。
- 6、请勿将线材接触任何锋利金属或边角位置，并远离点火线或汽车电脑控制系统，以免造成干扰。
- 7、请尽量使用较短的电源线，最好使用稍长的喇叭线。
- 8、请仔细阅读使用说明，以减少信号干扰。

安装指导

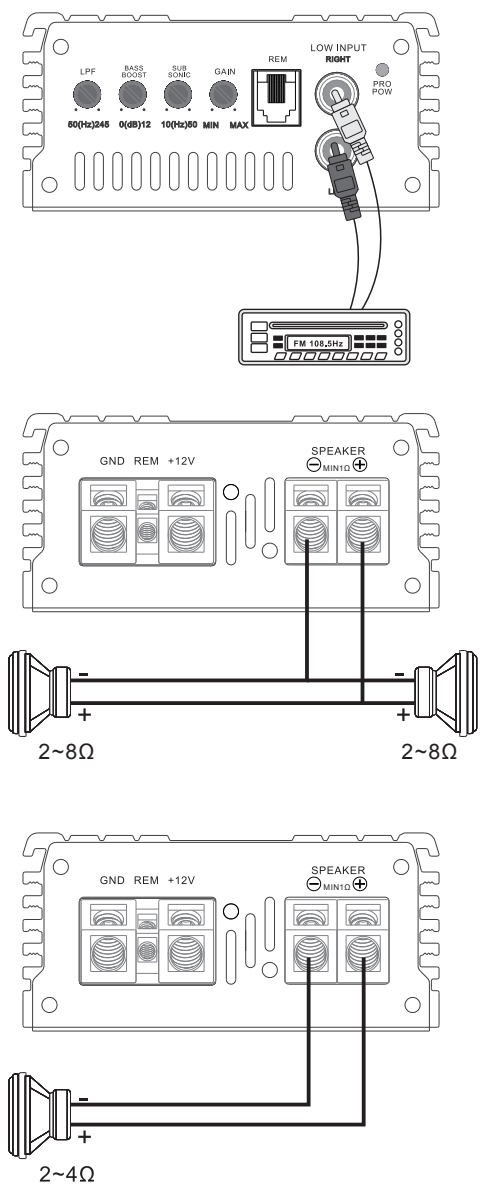
- 1、在连接所有其他电源线之后，再连接 12V 电源线。
- 2、确保将设备的地线牢固地连接到汽车的金属部位。松动的连接可能导致放大器故障。
- 3、确保将主机的远程控制线连接到放大器的远程端口。松动的连接可能会导致放大器故障。
- 4、如果使用的车载音响放大器没有远程输出端口，请将远程端口连接到辅助电源。
- 5、使用带有保险丝的电源线（一个 40A 的保险丝）。
- 6、将保险丝尽可能靠近汽车电池安装。
- 7、确保连接到本设备的 12V 和 GND 端子的电缆规格大于10 号（AWG #10）。

电源连接导线

应使用优质电源线/地线。



音响系统



规格参数

D类汽车功放

型号	EL-M1200
额定功率	1200W/1Ω, 850W/2Ω, 600W/4Ω (14.4V/±10%)
输入灵敏度	0.15V - 6V
信号输出范围（最大）	96Vpp
频响	20Hz - 250Hz
高通/低通	50Hz - 250Hz
信噪比	≤90dB
总谐波失真	≤0.2%
机器尺寸(长x宽x高)	260 × 110 × 52.5mm
净重	1.75kg