

11" LOW PROFILE SPARE
WHEEL ACTIVE SUBWOOFER
11寸超薄备胎有源低音炮

AS-MM-2801



Product Introduction – 产品简介

Thank you for purchasing the MBQ spare wheel active subwoofer.
This is the upgrade subwoofer for your car audio system where you need to add bass to.
The product has been thoroughly tested to ensure its performance consistency and reliability.

感谢您购买 MBQ 备胎有源低音炮。
这款低音炮专为您需要提升低音的原车音响系统设计。
该产品已经过全面测试，以确保其性能一致性和可靠性。

Product Features – 产品特点

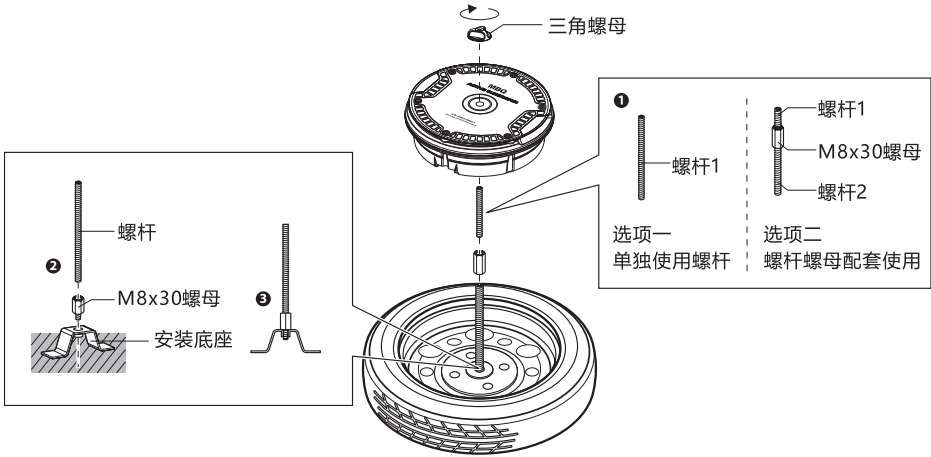
- Built-in peak power 420Watts Class D amplification
- Rigid sealed cast aluminum shallow enclosure
- Plug and Play connection system, easy to hook up
- Automatic switch-on
- Completely hidden installation and out of sight
- Designed to fit right into above 15-inches spare wheel
- Provided screws for the subwoofer fixing
- Remote control provided for volume control, low-pass control and phase switch.

- 内置最大功率420W D类功放
- 全铝合金密闭箱体，优化超薄尺寸设计
- 即插即用接线插头，方便快捷
- 自动开关机功能
- 隐蔽安装于备胎中
- 设计用于安装15英寸以上的备胎中
- 特制备胎安装配件
- 提供用于音量控制、低通和相位切换的遥控器

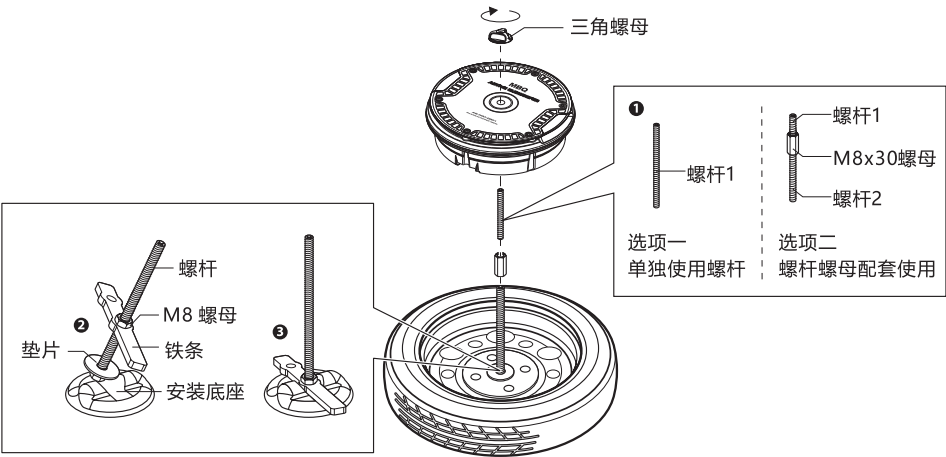
安装指示图

螺纹杆有 3 种尺寸：M8×30、M8×65、M8×125。
请根据轮毂位置的宽度选择合适的螺杆进行安装。

方式一



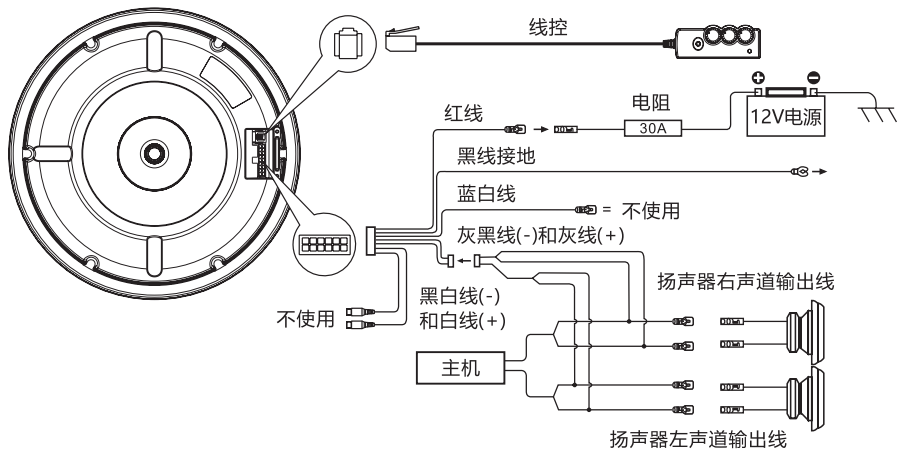
方式二



接线图

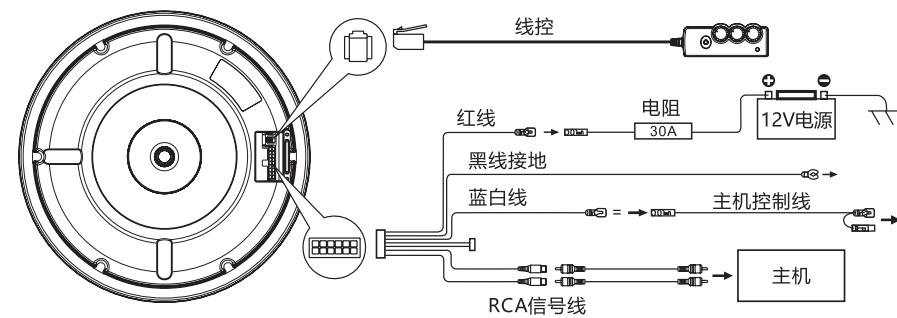
使用随附的电线和线束，通过参考（示图一）和（示图二）正确连接输出。
仅使用其中一种音频输入方式，否则可能会导致音频干扰。

示图一 (高电平输入接线方式)



通过高电平输入进行控制时，首先需要将扬声器电线和线束的喇叭线连接，将白线连接到左(+)，白/黑线连接到左(-)，(可以通过附加的线束标签识别是左通道还是右通道)，灰线连接到右(+)，灰/黑线连接到右(-)，最后将线束插入低音炮面板上的对接插头。

示图二 (低电平输入接线方式)



通过低电平输入(也称为RCA输入)进行控制，将蓝色控制线从AS-MM-2801连接到车辆主机，以便AS-MM-2801与系统一起启动和关闭。

Specifications – 产品参数

Subwoofer

- Speaker Size: 11" Diameter
- Impedance: (4+4)Ohms
- Sensitivity (1W/1m): 85dB
- Cone Composition: Fiber Reinforced ABS
- Magnet Type: Ferrite
- Enclosure Housing Material: Aluminum
- Enclosure Dimension(LxWxH): 360 x 360 x120mm
- Enclosure Net Weight: 7.4Kg (Without Accessories)

Amplifier

- Amplifier Technology: D Class
- Normal Output Power (RMS): 320W
- Max. Output Power: 420W
- Signal / Noise Ratio: >90dB
- Frequency Response: 20Hz~150Hz
- Low Pass Filter(LPF): 50Hz~150Hz
- Voltage: 12V(10V-14V)
- Phase Switch: 0 deg / 180 deg
- Automatic On/Off: High Level Only
- Fuse Rating: 30A
- THD: <0.4%
- Variable Bass Boost: 0-12dB
- Thermal Short & Overload Protection

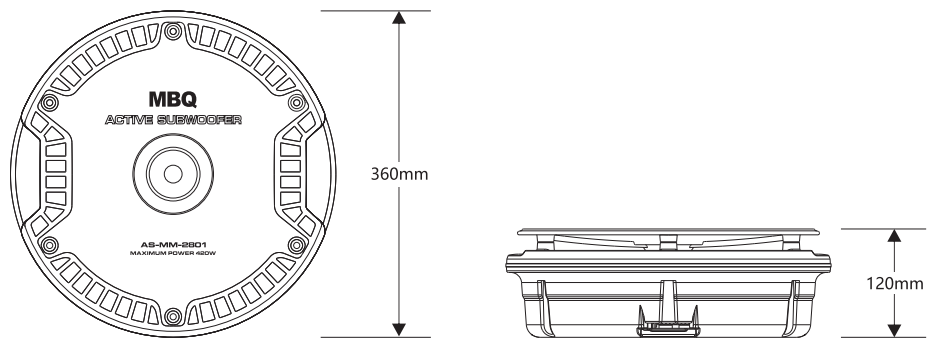
低音参数

低音扬声器尺寸：11"
阻抗：(4+4)欧
灵敏度(1W/1m)：85dB
鼓纸材质：ABS+纤
磁钢类型：铁氧体
箱体材质：压铸铝
箱体尺寸：360x360x120mm
净重：7.4kg

功放参数

内置功放类型：D类
额定输出功率：320W
最大输出功率：420W
信噪比：>90dB
频率响应：20Hz-150Hz
低通滤波：50Hz-150Hz
工作电压：12V(10V-14V)
相位开关：0°/180°
自动开关机：仅限高电平输入
保险管：30A
总谐波失真：<0.4%
低音增益：0-12dB
含过热、过载保护功能

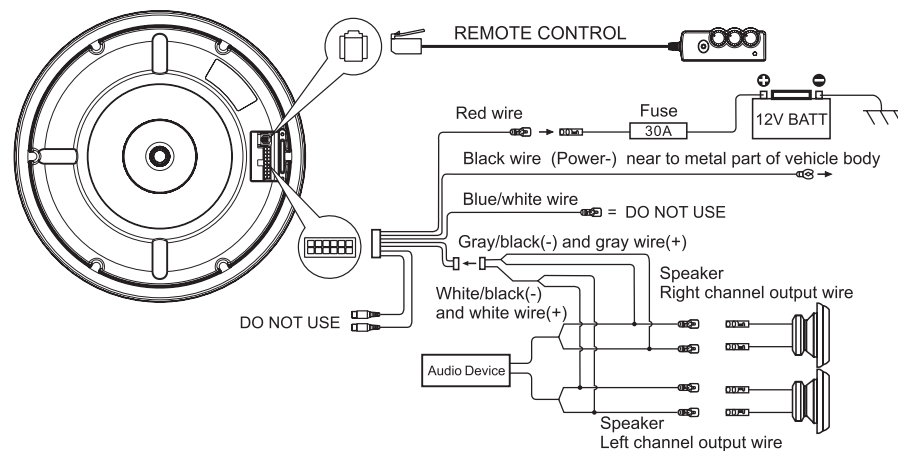
Dimension – 产品尺寸



Wiring Diagram

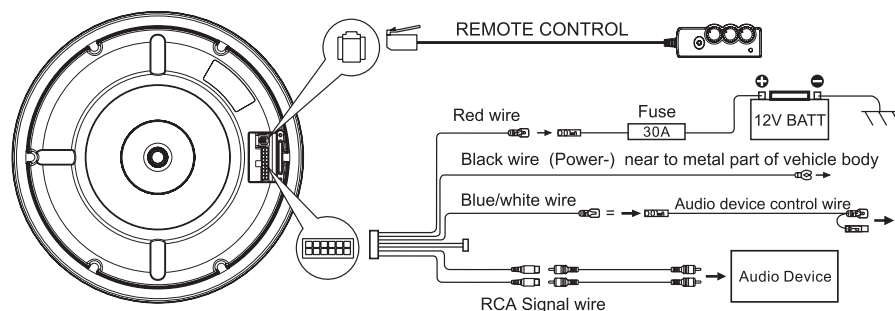
Use the supplied cable and wire harness to connect the outputs correctly by referring to Diagram 1 & Diagram 2. Use only one of the audio inputs, otherwise, it may lead to audio interference.

Diagram 1 (High Level Input - Speaker Input)



With control via the High Level Inputs, first the speaker harness will need to be spliced the wire side of the splitter. Then connect the white to the left(+), white/black wire to the left(-), white/black wire to the left(-) (it can be identified whether the left or right channel via the attached harness label), grey to the right(+), and grey/black to the right(-) corresponding vehicles wires, and finally plug the supplied harness into the High-Level Inputs/power matching connector on the amplifier panel of the subwoofer.

Diagram 2 (Low Level Input - Speaker Input)

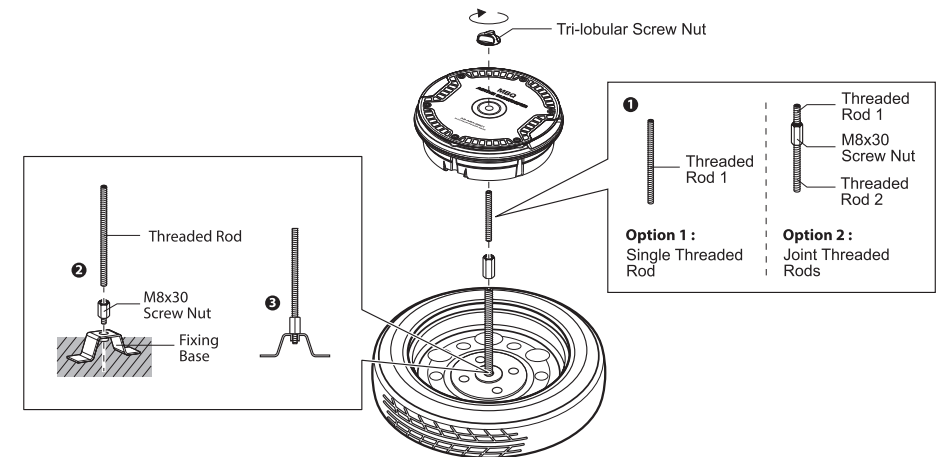


With control via the Low Level Inputs (also referred to as RCA Inputs), connect the blue colour remote wire from AS-MM-2801 to vehicle's head unit so AS-MM-2801 will turn on and off with systems.

Installation Instruction

Threaded rods are available in 3 size: M8x30, M8x65, M8x125. Please select suitable rods for installation according to the width of the tire.

Type 1



Type 2

