



MSBAR

**Quick Reference Guide
Marine Waterproof
Bluetooth/Aux Soundbar
with Integrated LED Light
Strip**



WARNING:

The MSBAR weighs 14lbs (6.35 Kg). Before mounting this soundbar, ensure the intended mounting surface is designed to properly support this amount of weight.

FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body



WARNING: Cancer and Reproductive Harm
- www.P65Warnings.ca.gov

Features:

Marine Waterproof Bluetooth/Aux Soundbar with Integrated LED Light Strip

Bluetooth:

Version: 5.0

Range:33ft(10m) Class 2

Speakers:

Cone Type: polypropylene

Amplifier:

Rated Power (RMS): 120W

Rated Power (Peak): 180W

Frequency Response: 75Hz~13KHz.

General:

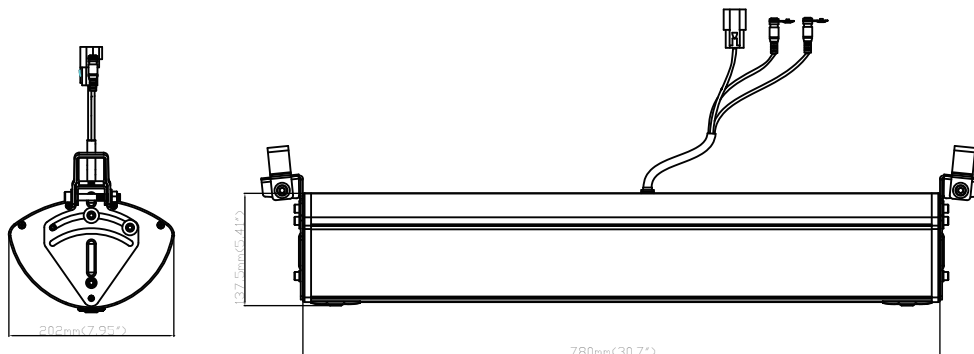
Operational Power: 12VDC(Max Current Draw: 12A,Fuse:15A)

Cabinet Material: Aluminum Extrusion

Color: Black Powder Coating

Weight:14lbs/6.35kg

Dimensions:780x202x137.5(mm) / 30.7"x7.95"x5.41"(inch)



Contents:

* MSBAR Soundbar Speaker System-----	1
* N-Bracket -----	2
* N-Rubber Bushing:85mm(3.35")x23mm(0.9")x1.5mm(0.059")-----	2
* Rubber Bushing:45mm(1.77")x35mm(1.38")x1.5mm(0.059")-----	2
* M8 Bolt-----	2
* M8 Lock Nut-----	2
* Quick Reference Guide-----	1
* Zip tie + double stick tie mount -----	1

SAFETY INFORMATION

- To ensure full satisfaction with the product, please read the entire instruction manual.
- Keep instructions for future reference.
- Follow all operation guidelines and adhere to all safety warnings and cautions to ensure safe use.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Never use harsh cleaning agents. Clean only with mild cleaner and soft cloth.

When Driving

Keep the volume level low enough to be aware of your surroundings.

Protect from Water

Do not submerge, as this can cause electrical shorts, fire or other damage. Avoid power washing amplifier as water pressure may exceed IPX5 water rating.

Protect from High Temperatures

Exposure to direct sunlight for an extended period of time can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback. Do not mount the radio within close proximity of the engine compartment.

Use the Proper Power Supply

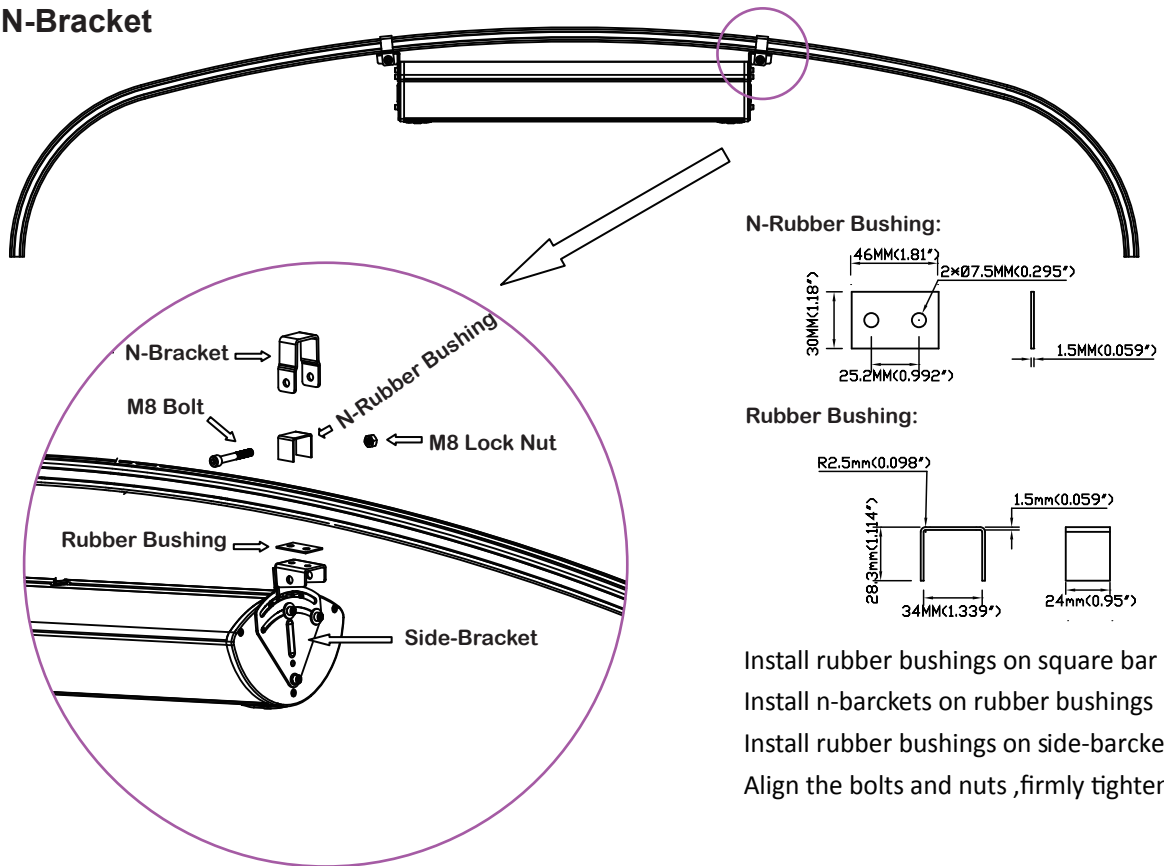
This product is designed to operate with a 12 volt DC negative ground battery system.

WARNING:

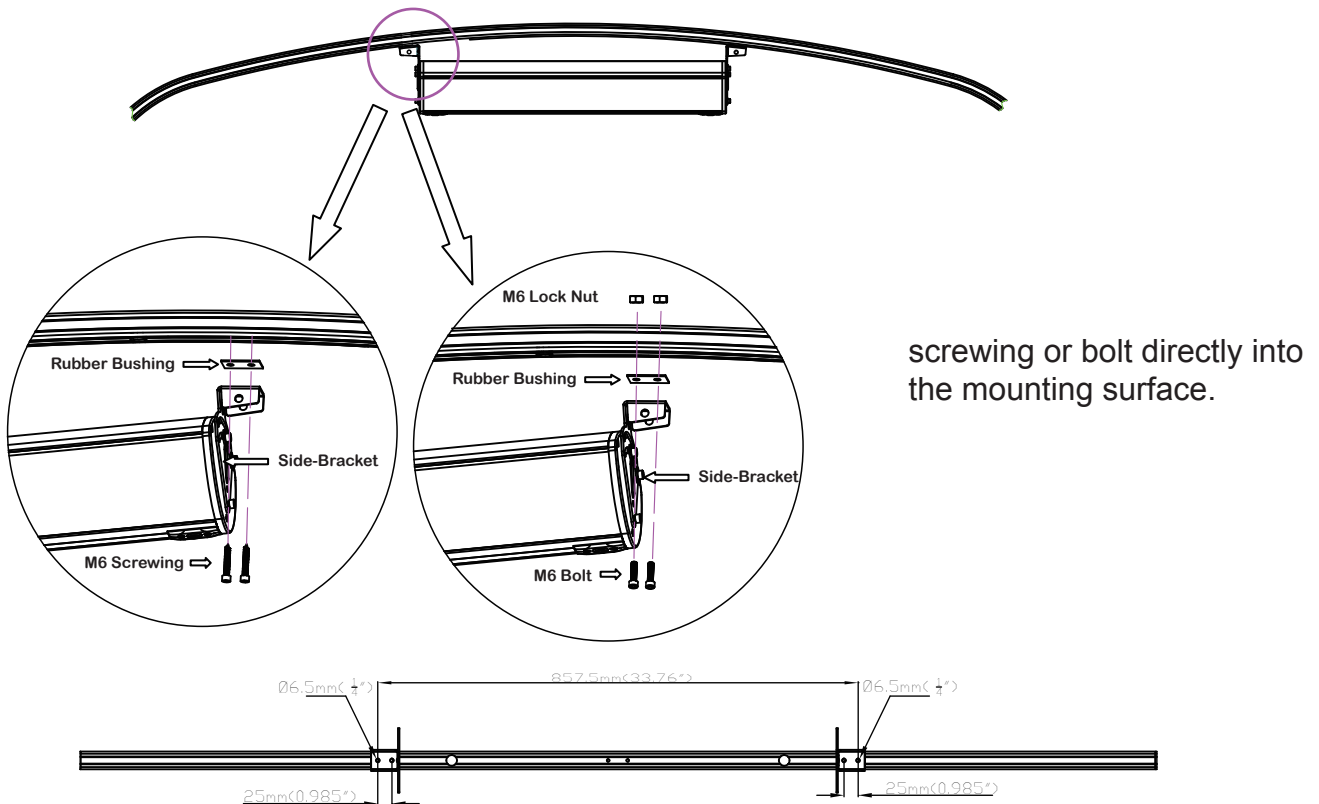
- DO NOT OPEN, DISASSEMBLE OR ALTER THE UNIT IN ANY WAY. Doing so may result in fire, electric shock or product damage.
- USE THE CORRECT AMPERE RATING WHEN REPLACING FUSE. Failure to do so may result in fire, electric shock or product damage.
- DO NOT INSTALL IN LOCATIONS THAT MIGHT HINDER VEHICLE OPERATION. Doing so may obstruct vision or hamper movement which can result in a serious accident.
- INSTALL THE WIRING SO THAT IT IS NOT CRIMPED OR PINCHED BY SCREWS OR SHARP METAL EDGES. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole. It is also recommended to apply sealing caulk to any opening that may potentially allow water to enter.
- Be sure to choose a location that is flat and has clearance above the unit to prevent any damage, as well as allow for ventilation. Please orient and mount horizontally or vertically if possible.
- Before drilling any holes, carefully inspect the area underneath and behind the mounting surface where the device will be mounted to make sure it will not interfere with existing wires, fuel lines, the fuel tank or any other objects that could be damaged.
- Always disconnect the vehicle negative battery terminal during installation to prevent accidental shorting.

MOUNTING THE SOUNDBAR

With N-Bracket

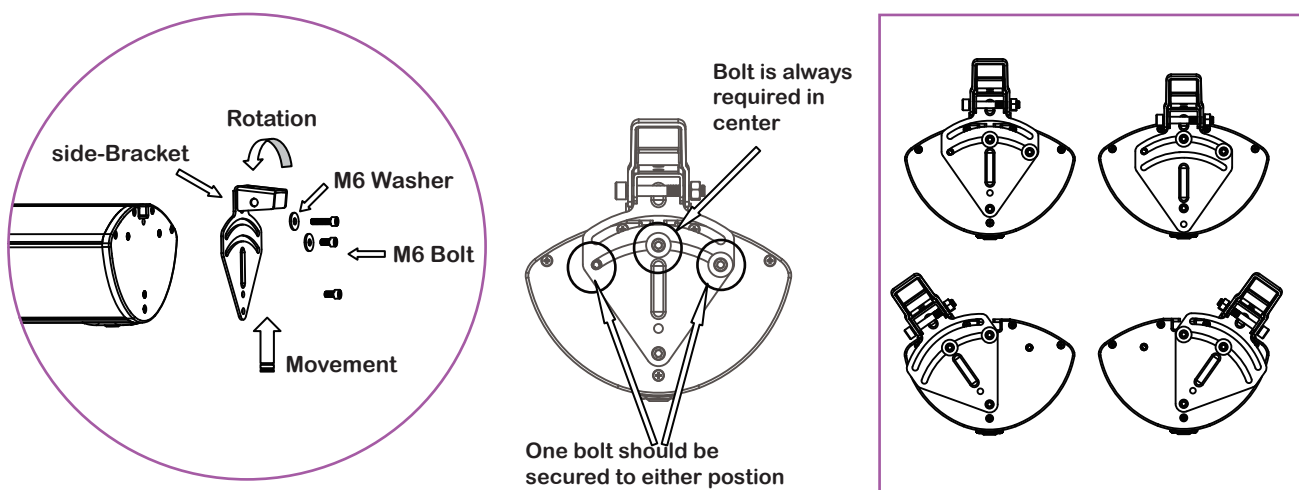


Without N-Bracket

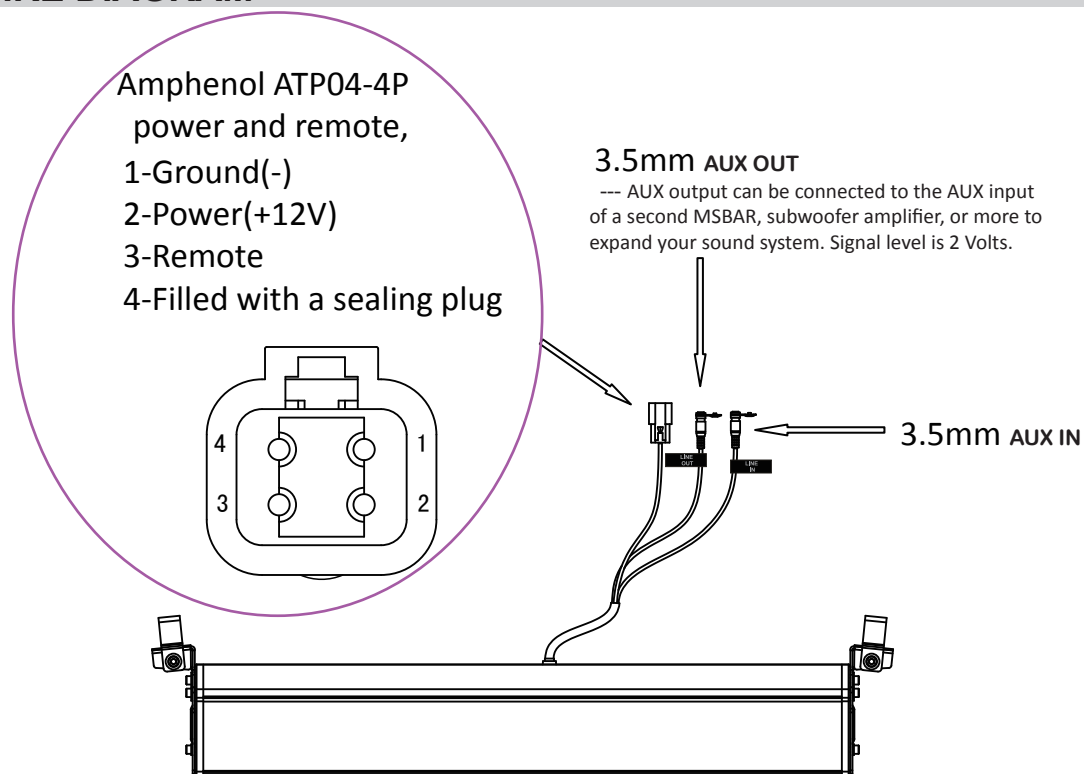


The side-bracket can be installed in the enclosure to adjust the left and right angles, and can also adjust the height up and down. The adjustment method is shown in the picture, loosen the screw, adjust to your desired angle or height, and re-tighten the screw.

When the bracket is completely vertical, attach one bolt at the center hole and one in either of the side holes. In all other cases, there will only be two holes that align with the bracket slot, secure a bolt at each point.

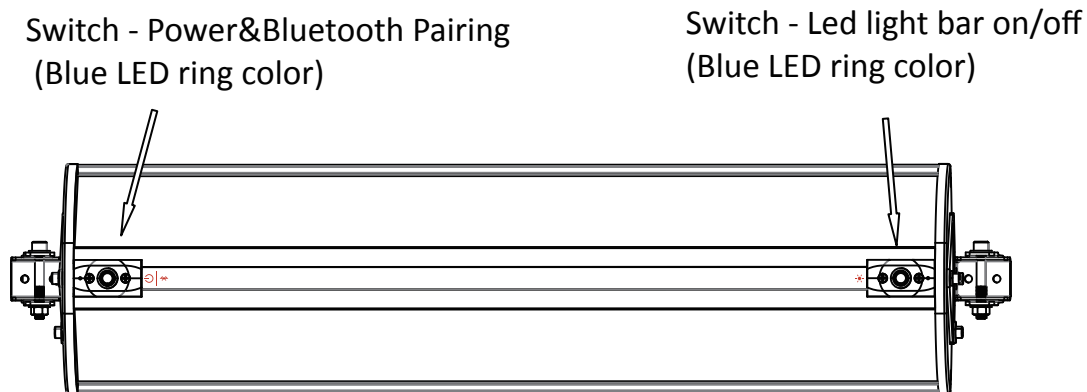


WIRE DIAGRAM



Note: The 'REMOTE' wire can either be connected to +12VDC switched source or amplifier remote turn on from source headunit. When using a headunit, connecting to the remote turn on is recommended to prevent popping noise when turning on audio system.

Operation



POWER/BLUETOOTH

- Press Power/Bluetooth switch to turn the device on and off (standby). Press and hold the Power/Bluetooth Switch for about 3 seconds to enter the Bluetooth pairing mode (Bluetooth name: MSBAR) The speaker should remain in Bluetooth pairing mode for 120 seconds. If there is no paired device, it will return to normal operation. The last paired device should be remembered. Bluetooth pairing is only needed when the user wants to pair to different devices. When power is on, The MSBAR will automatically connect to the last paired device.
- When the Bluetooth device is connected or in AUX mode, the LED is always on. LED is always off when the power is off (standby) When in Bluetooth mode and no Bluetooth device is connected, the LED will flash slowly
- When the AUX line detects a 3.5mm input, it should automatically switch to AUX mode and be fixed in AUX mode. When AUX does not detect AUX input, it will automatically switch back to Bluetooth mode and be fixed in Bluetooth mode. Note: Mode switching is only controlled by AUX input detection, without manual control.

LED LIGHT BAR SWITCH:

- Press LED light bar switch to turn the LED light bar on and off.
- When the MSBAR is powered, the LED on/off switch will be illuminated with a blue light ring. This allows the switch to be easily located at night.



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