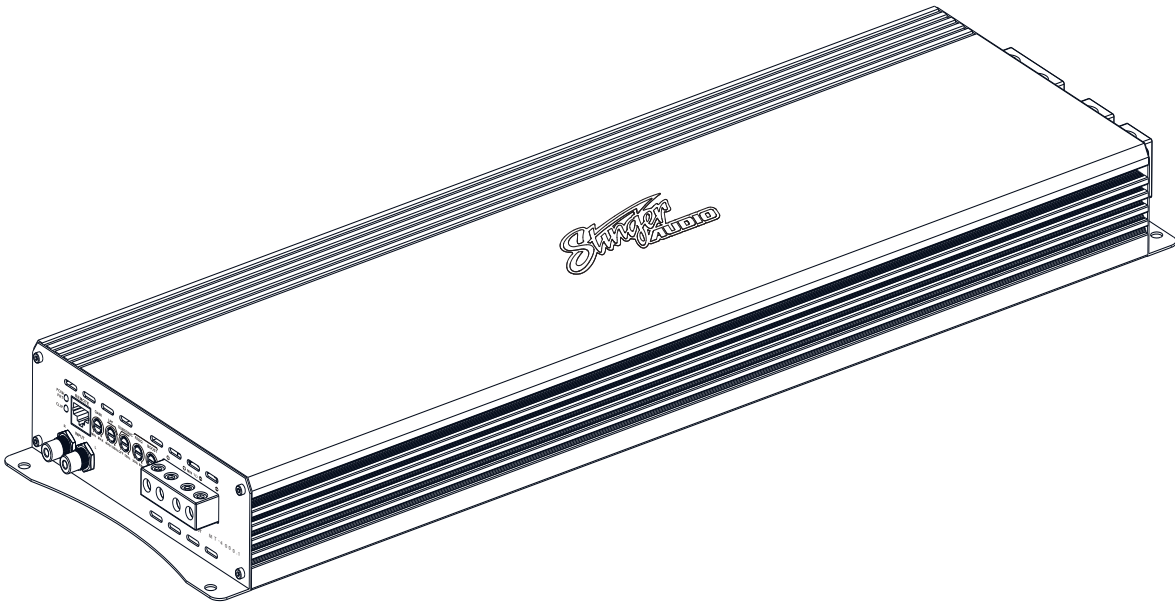




# MT SERIES

MONOBLOCK AMPLIFIERS

MT-4000.1



**Installation Guide  
Specifications**

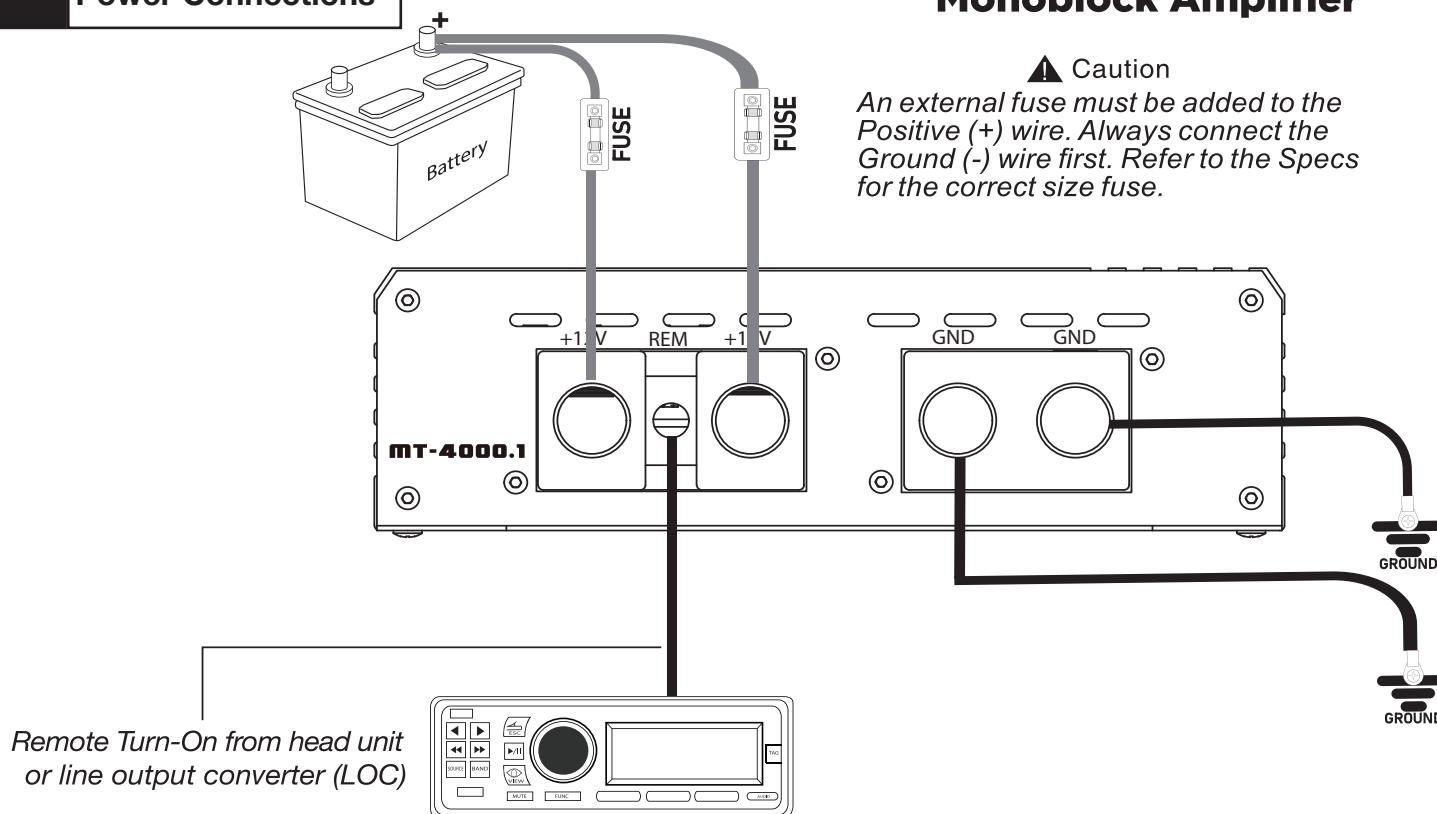
## Safety Instructions

1. Make sure vehicle has a 12V DC electrical system with negative grounding.
2. Check condition of the vehicle's alternator and battery.
3. Verify that the rated current of the alternator and battery is sufficient to handle the increase consumption.
4. Keep amplifier in a ventilated location inside vehicle away from moisture, heat, and moving parts.
5. Do not mount amplifier to subwoofer enclosure.
6. Must use proper wire diameter.
7. Power and ground cables need to be ran away from hot and moving parts. Cables running through areas that may damage the cables insulation must be accompanied by necessary gromets/protective coverings.
8. Power cables must be fused less than 18" from the battery.
9. When connecting wiring to battery, make sure cables are free of shorts and fuses are removed from fuse holders until all wire connections have been completed.
10. Secure cables over entire length and make sure cables are connected to proper terminals.
11. Ground wires must be grounded to bare metal on vehicles chassis or frame using proper terminals. Ground locations must be free of any paint or coatings.

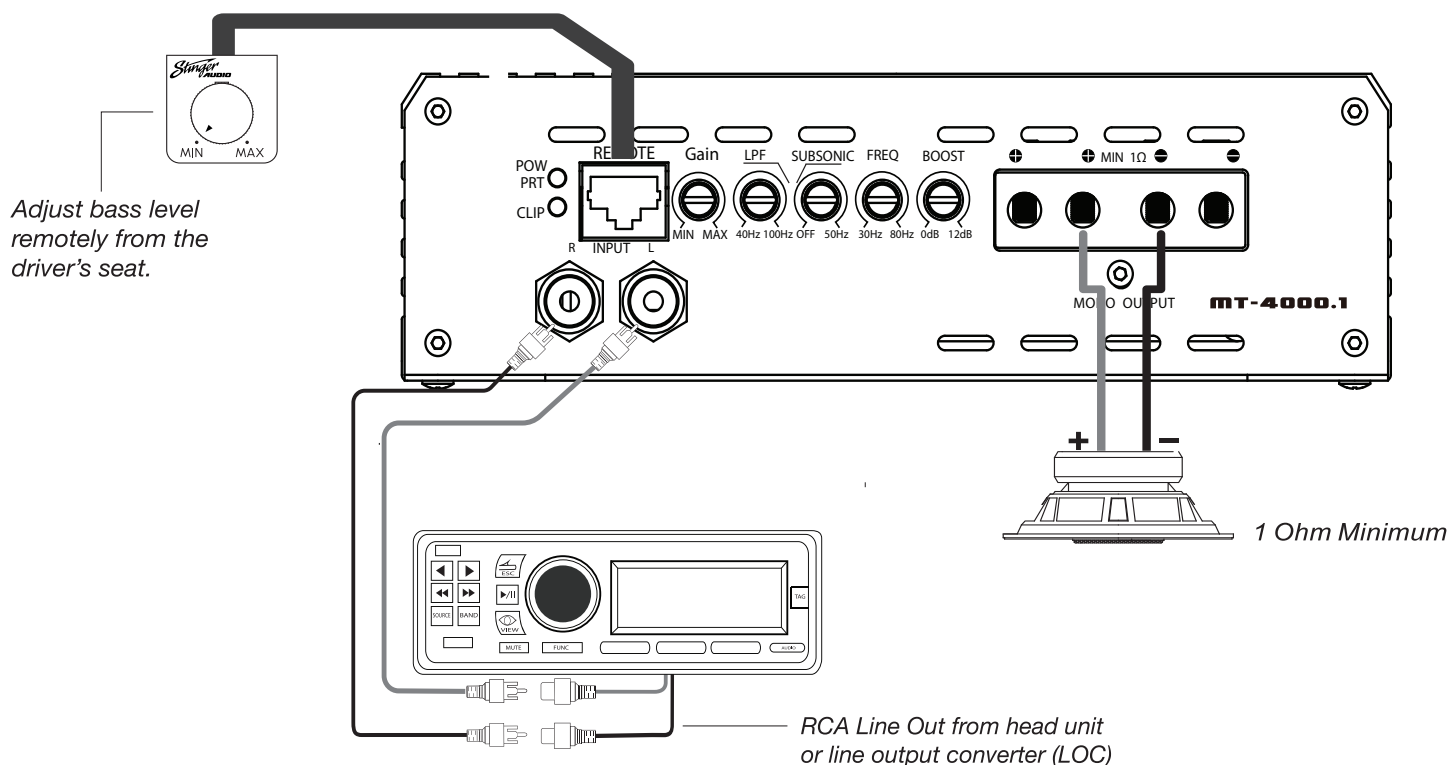
\*Warning\*\*\* High sound pressure can damage your health.  
Please control volume responsibly.

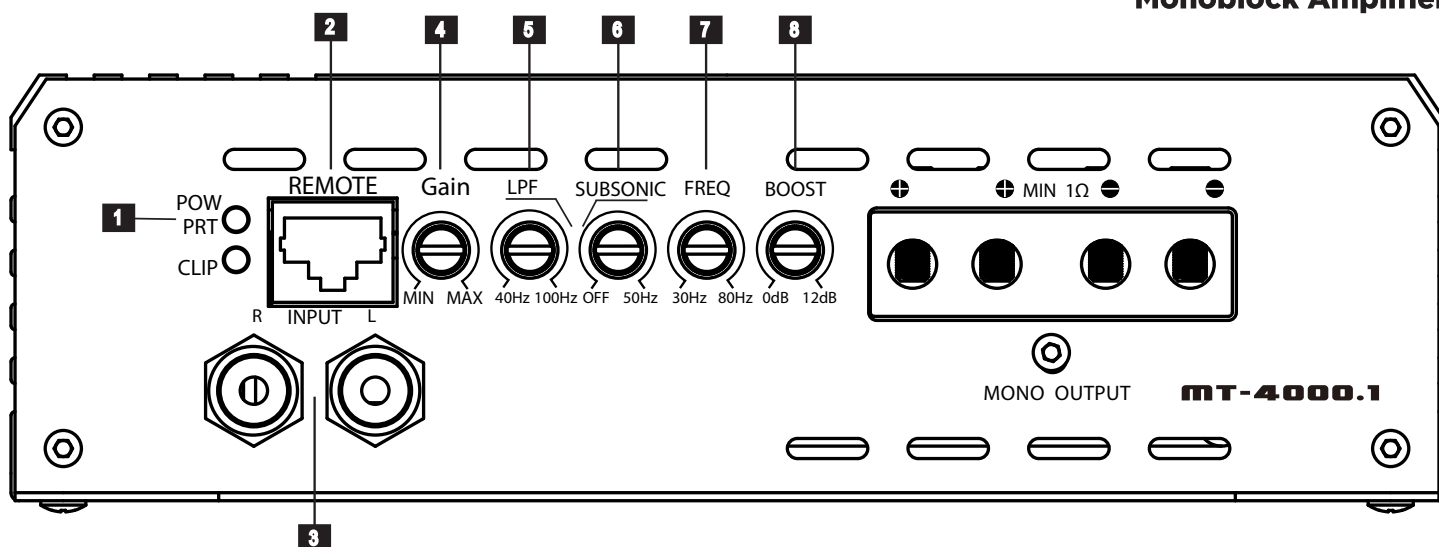


## Power Connections



## Signal Connections





### 1. Protect LED [PRT]

Red when amplifier is powering up or in Protection Mode. See Troubleshooting for more information.

### Power LED [PWR]

Blue when amplifier is ON.

### Clipping LED[CLIP]

Red when amplifier is clipping

### 2. REMOTE

Connect the PMTRMT2 Remote Bass Control knob here.

### 3. INPUT

Connect to line level output RCA cables from head unit or line output converter (LOC).

### 4. GAIN

Used to adjust the input sensitivity to match the input level signal.

### 5. Low Pass Filter [LPF]

A low pass crossover for the subwoofer output. Variable from 40Hz to 180Hz. Generally set around 80Hz.

### 6. SUBSONIC

A high pass crossover for the subwoofer output. Variable from OFF to 50Hz. Generally set between 30-35Hz.

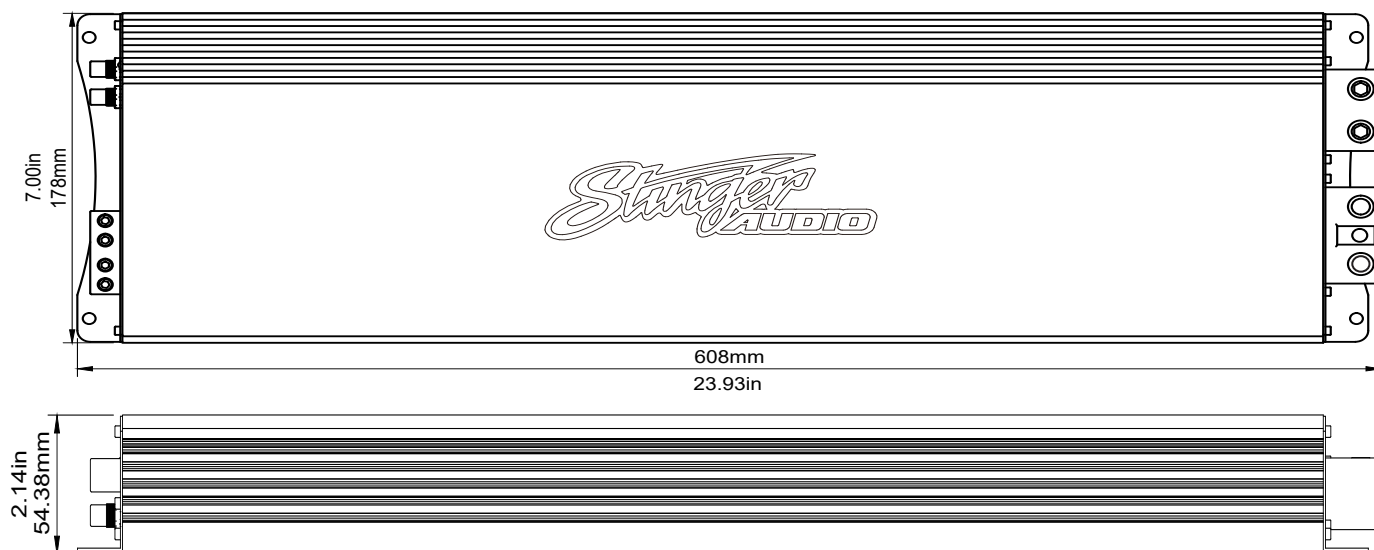
### 7. Boost Frequency [FREQ]

Selects the frequency to boost when adding BOOST. Variable from 30Hz to 80Hz.

### 8. BOOST

Boosts the selected frequency [FREQ] from 0dB to 12dB.

## MT-4000.1 Specs



RMS Power Ratings listed at less than 1% THD @ 14.4v

1 $\Omega$	4000w x1
2 $\Omega$	2300w x1
4 $\Omega$	1200w x1
Input Sensitivity	0.22-6.6v
Operating Voltage	9v - 16v
Crossover Control, Linkwitz-Riley:	SUB 0Hz - 50Hz(Subsonic) LP 40Hz - 180Hz @ 12dB/Oct
Bass-Boost Frequency Range	30-80 Hz
Bass-Boost Q	0-12 dB
Frequency Response(+/- 1dB)	12Hz - 178Hz
Efficiency (Average)	81% Efficiency at Full Power @ 4( $\Omega$ ) (50Hz)
Topology Class	Class D
Remote Bass Control	Yep (Included)
Power Terminal	0 Guage
Speaker Terminal	4 Guage
Recommended External Fusing	500A x1 or 250A x2

## LIMITED WARRANTY

Stinger warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Stinger dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Stinger will (at its discretion), repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

## INTERNATIONAL WARRANTIES:

Products purchased outside the United States of America are covered only by that country's Authorized Stinger reseller and not by Stinger. Consumers needing service or warranty information for these products must contact that country's reseller for information.



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**CUSTOMER SOLUTIONS:** 727-803-0285

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## Stinger

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Clearwater, Florida 33760

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