

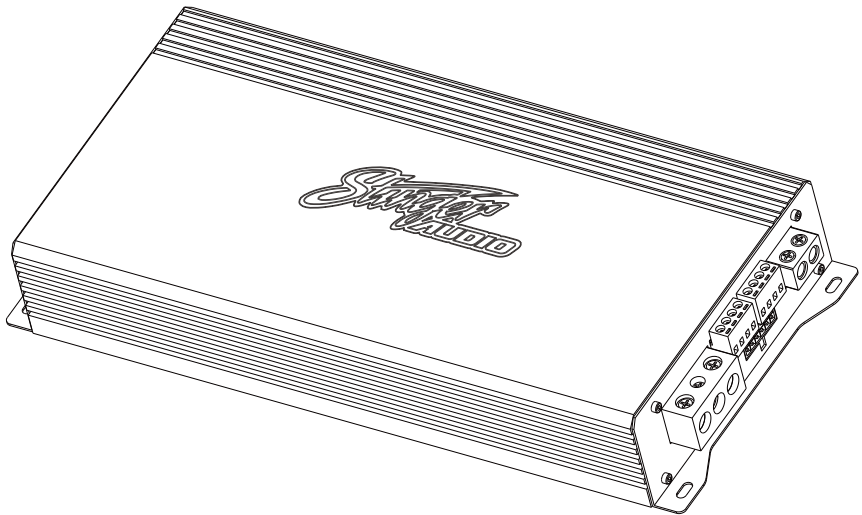


MT SERIES

Multi-Channel Amplifier

MT-600.4

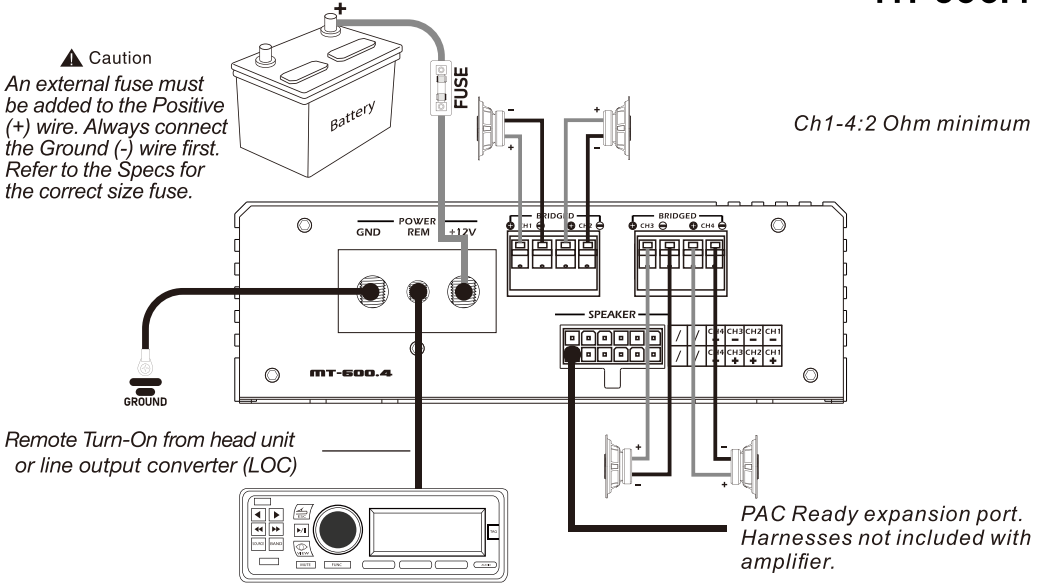
MT-1000.5



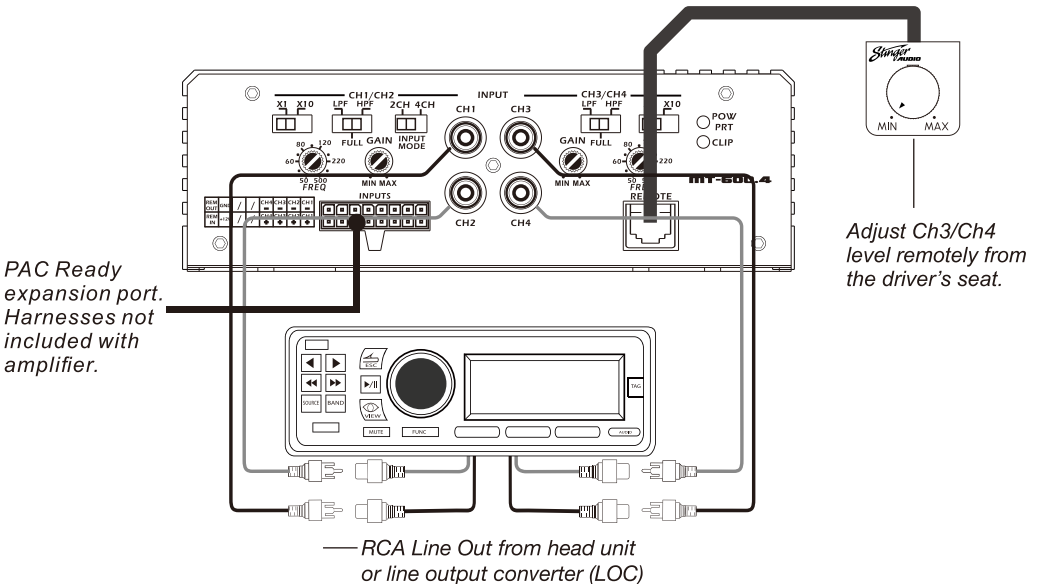
**Installation Guide
Specifications**

Power Connections

MT-600.4



Signal Connections

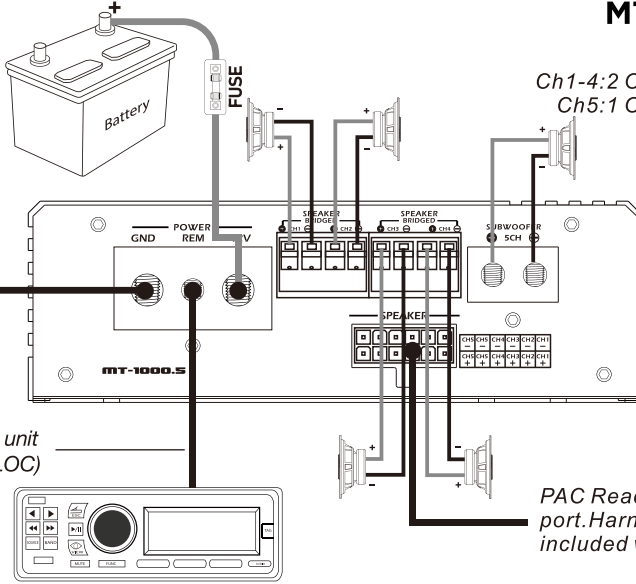


Power Connections

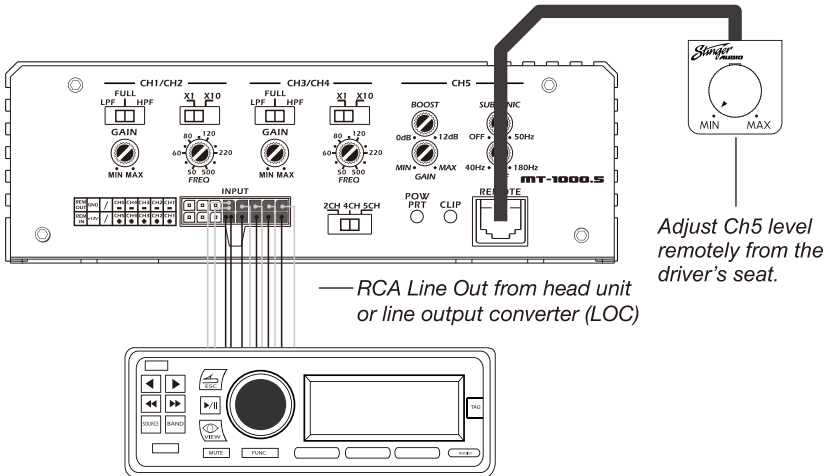
MT-1000.5

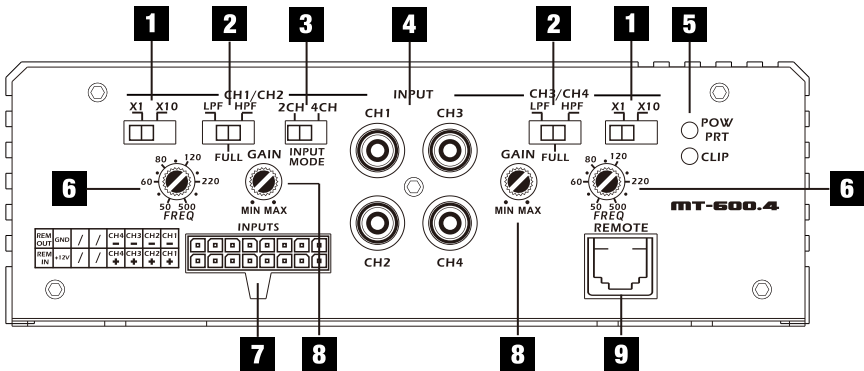
⚠ Caution

An external fuse must be added to the Positive (+) wire. Always connect the Ground (-) wire first. Refer to the Specs for the correct size fuse.



Signal Connections





1. Frequency Multiplier

Multiplies crossover frequency by x1 or x10

2. Crossover Filter

Low-pass filter [LPF], passes through the frequencies below the set frequency.

High-pass filter [HPF] passes through the frequencies above the set frequency.

3. Input Mode

Selection between 2ch input or 4ch input

4. INPUT

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

5. 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 amplifiers is clipping

6. Crossover Frequency

Set the crossover frequency point. Variable from 50Hz to 5kHz utilizing Multiplier switch.

7. Not USED

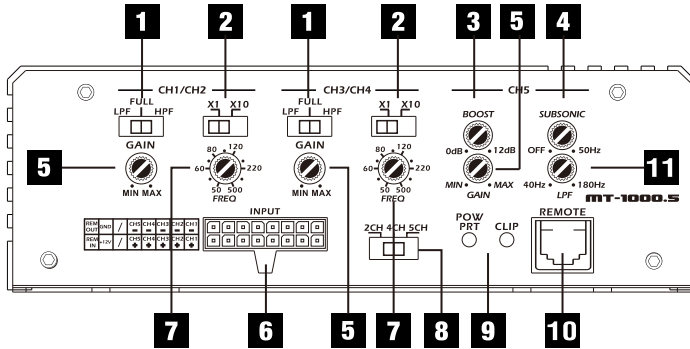
PAC Ready expansion port. Harnesses not included with amplifier.

8. GAIN

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

9. REMOTE

Connect the PMTRMT2 Remote Bass Control knob here.



1. Crossover Filter

Low-pass filter [LPE], passes through the frequencies below the set frequency.

High-pass filter [HPF] passes through the frequencies above the set frequency.

2. Frequency Multiplier

Multiplies crossover frequency by x1 or x10

3. BOOST

Adjustable bass boost from 0dB to 12dB. 45Hz Center frequency. CH5 Only.

4. SUBSONIC

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

5. GAIN

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

6. INPUT

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

7. Crossover Frequency

Set the crossover frequency point. Variable from 50Hz to 5kHz utilizing Multiplier switch.

8. Input Mode

Selection between 2ch input, 4ch input or 5ch input. When 4ch is selected, ch5 is linked to ch3 and ch4

9. 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 amplifiers is clipping

10. REMOTE

Connect the PMTRMT2 Remote Bass Control knob here.

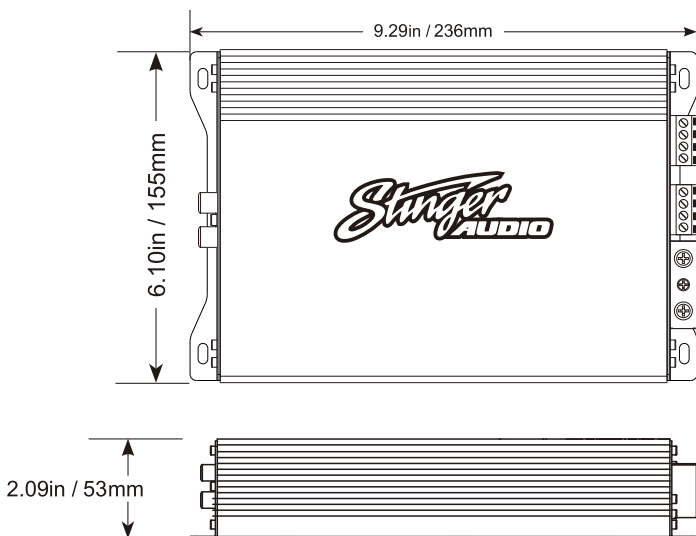
11. Low Pass Filter [LPF]

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

MT-600.4 Specs

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

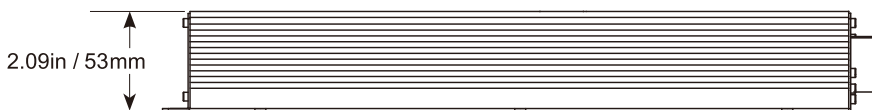
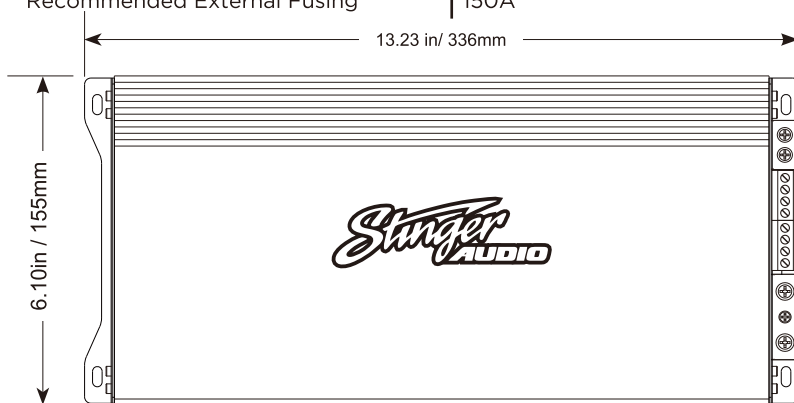
1Ω	NA
2Ω	250W X 4
4Ω	150W X 4
Bridged RMS Rating / 4Ω Minimum	500W X 2
Signal to Noise (@ CEA Standard)	-90dB
Input Sensitivity	0.5v-11v
Gain	0.5v-11v
Crossover Low Pass Filter	X1: 50Hz-500Hz X10: 500Hz-5KHz
Crossover High Pass Filter	X1: 50Hz-500Hz X10: 500Hz-5KHz
Frequency Response(-3dB)	10Hz - 20KHz
Efficiency (Average)	80%
Topology Class	Class D
Remote Bass Control	Yep (Included)
Operating Voltage	9V to 16V
Power Terminal	4 Gauge
Speaker Terminal	12AWG
Recommended External Fusing	120A



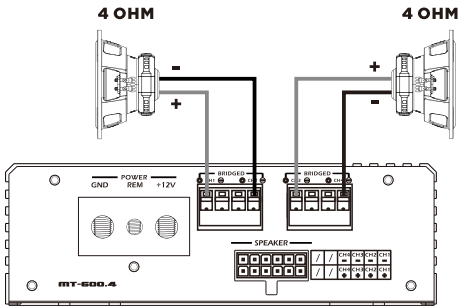
MT-1000.5 Specs

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

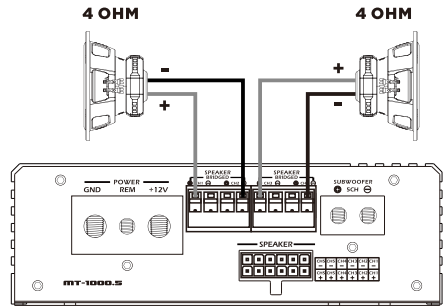
1Ω	700W x 1 - CH5
2Ω	150W x 4 + 500W X 1
4Ω	75W x 4 + 300W X 1
Bridged RMS Rating / 4Ω Minimum	300W x 2
Signal to Noise (@ CEA Standard)	-90dB
Input Sensitivity	0.5v-11v
Gain	0.5v-11v
Crossover Control, Linkwitz-Riley:	SUB 0Hz - 50Hz (Subsonic) LP 40Hz - 180Hz @ 12dB/Oct
Bass-Boost Frequency Range	CH5: 10Hz-180Hz CH1-4: 10Hz-20KHz
Bass-Boost Q	0-12dB
Frequency Response(+/- 1dB)	10Hz - 180Hz
Efficiency (Average)	80%
Topology Class	Class D
Remote Bass Control	Yep (Included)
Operating Voltage	9V to 16V
Power Terminal	4 Gauge
Speaker Terminal	CH1-CH4:12AWG CH5:8 Gauge
Recommended External Fusing	150A



Bridging Multi-Channel amplifier



MT-600.4



MT-1000.5

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.

STOP! Please DO NOT return to seller

For help with installation, replacement parts, warranty or returns, please contact us directly at 727-732-3114 or support@stingerelectronics.com

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