



2021

EVO^{4.0}



ABOUT US

In the early 90's, an electrical engineering student named Juliano Anflor decided to develop a car audio amplifier for a college project. What started as a hobby, turned into a passion, and some years later into the business of his life.

Always innovating and searching for new technologies, SounDigital, has earned its place in the hearts of car audio, motorcycle and powersports dealers across the globe.

SounDigital products are sold in over 50 countries worldwide.

SUMMARY

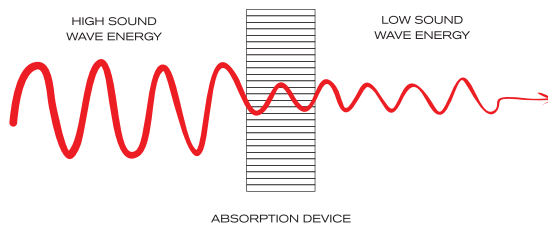
EVO 4.0	04
TECHNOLOGY	05
400.4 EVO 4.0	07
600.4 EVO 4.0	09
800.4 EVO 4.0	11
1200.1 EVO 4.0	13
1200.4 EVO 4.0	15
1600.1 EVO 4.0	17
3000.1 EVO 4.0	19
5000.1 EVO 4.0	21
8000.1 EVO 4.0	23
12000.1 EVO 4.0	25

EVO 4.0

TECHNOLOGY

DYNAMIC THERMAL MANAGEMENT - DTM®

OUR PATENTED DTM® TECHNOLOGY PROVIDES A FASTER HEAT EXCHANGE BETWEEN THE ELECTRONIC COMPONENTS AND THE HEATSINK, INCREASING THE EFFICIENCY OF OUR AMPLIFIERS AND RESULTING IN LOWER DISTORTION LEVELS DURING LONG PLAYING TIME.

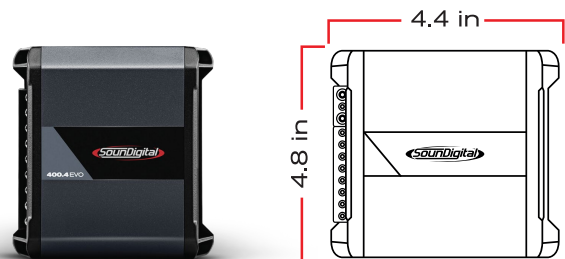


VIBRATION ABSORPTION DEVICE - VAD®

OUR VAD® TECHNOLOGY REDUCES ALL IMPACT CAUSED BY VIBRATION ON THE ELECTRONIC CIRCUIT BOARD. THIS CAN INCLUDE ROAD VIBRATION AND EVEN VIBRATION CAUSED BY SOUND WAVES, INCREASING THE RELIABILITY OF OUR AMPLIFIERS.

REDUCED SIZE

THE TECHNOLOGY USED IN OUR AMPLIFIERS BRING BOTH HIGH PERFORMANCE AND POWER IN A COMPACT CHASSIS, PROVIDING FLEXIBLE INSTALLATION SOLUTIONS FOR VEHICLES WITH LIMITED SPACE.



400.4



EVO 4.0

SPECIFICATIONS

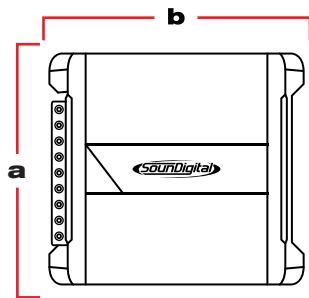
400.4



INPUT



OUTPUT



A: 11.3CM
B: 10.9 CM
C: 5.1 CM

4Ω

POWER @ 1Ω: N/A
 POWER @ 2Ω: 4 x 100 WRMS
 POWER @ 4Ω: 4 x 66 WRMS
 BRIDGE POWER @ 2Ω: N/A
 BRIDGE POWER @ 4Ω: 2 x 200 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LPF / HPF: 80Hz 12dB/8th
 FREQUENCY RESPONSE
 (-3dB): 10Hz – 20kHz

DAMPING FACTOR: 200
 CURRENT DRAW (MUSIC): 19A
 CURRENT DRAW (MAX): 39A
 RECOMMENDED FUSE (MUSIC): 20A
 SNR: 88dB
 TOTAL EFFICIENCY: 82%



600.4



EVO 4.0

SPECIFICATIONS

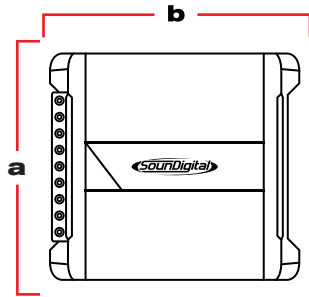
600.4



INPUT



OUTPUT



A: 11.3 CM
B: 13.5 CM
C: 5.1 CM

4Ω

POWER @ 1Ω: N/A
 POWER @ 2Ω: 4 x 150 WRMS
 POWER @ 4Ω: 4 x 100 WRMS
 BRIDGE POWER @ 2Ω: N/A
 BRIDGE POWER @ 4Ω: 2 x 300 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LPF / HPF: 80Hz 12dB/8th
 FREQUENCY RESPONSE
 (-3dB): 10Hz – 20kHz

DAMPING FACTOR: 200
 CURRENT DRAW (MUSIC): 29A
 CURRENT DRAW (MAX): 58A
 RECOMMENDED FUSE (MUSIC): 35A
 SNR: 88dB
 TOTAL EFFICIENCY: 82%



800.4



EVO 4.0

SPECIFICATIONS

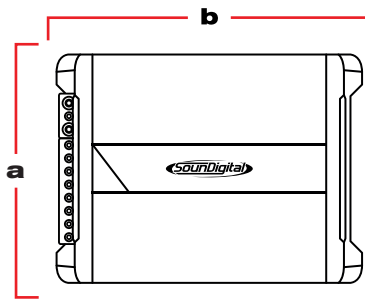
800.4



INPUT



OUTPUT



- A:** 11.3 CM
- B:** 14.8 CM
- C:** 5.1 CM

4Ω

POWER @ 1Ω: N/A
 POWER @ 2Ω: 4 x 200 WRMS
 POWER @ 4Ω: 4 x 132 WRMS
 BRIDGE POWER @ 2Ω: N/A
 BRIDGE POWER @ 4Ω: 2 x 400 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LPF / HPF: 80Hz 12dB/8th
 FREQUENCY RESPONSE
 (-3dB): 10Hz – 20kHz

DAMPING FACTOR: 200
 CURRENT DRAW (MUSIC): 40A
 CURRENT DRAW (MAX): 80A
 RECOMMENDED FUSE(MUSIC): 40A
 SNR: 88dB
 TOTAL EFFICIENCY: 79%



1200.1



EVO 4.0

SPECIFICATIONS

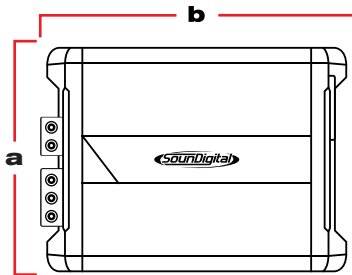
1200.1



INPUT



OUTPUT



A: 18.1 CM
B: 20.5 CM
C: 5.4 CM

1Ω

POWER @ 4Ω: 1 x 363 WRMS
 POWER @ 2Ω: 1 x 660 WRMS
 POWER @ 1Ω: 1 x 1200 WRMS
 OPERATING VOLTAGE: 8V - 16V
 CROSSOVER LP: 50Hz - 500Hz
 CROSSOVER HP: 5Hz - 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz - 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 63A
 CURRENT DRAW (MAX): 127A
 RECOMMENDED FUSE (MUSIC): 70A
 SNR: 99dB
 TOTAL EFFICIENCY: 75%

2Ω

POWER @ 4Ω: 1 x 660 WRMS
 POWER @ 2Ω: 1 x 1200 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V - 16V
 CROSSOVER LP: 50Hz - 500Hz
 CROSSOVER HP: 5Hz - 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz - 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 63A
 CURRENT DRAW (MAX): 127A
 RECOMMENDED FUSE (MUSIC): 70A
 SNR: 99dB
 TOTAL EFFICIENCY: 75%



1200.4



EVO 4.0

SPECIFICATIONS

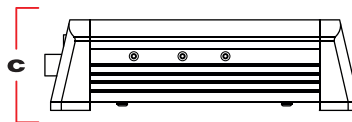
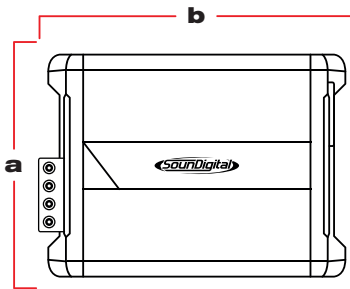
1200.4



INPUT



OUTPUT



- A: 13.6 CM
- B: 17 CM
- C: 5.5 CM

1Ω

POWER @ 4Ω: 4 x 130 WRMS
 POWER @ 2Ω: 4 x 198 WRMS
 POWER @ 1Ω: 4 x 300 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 500Hz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE (-3dB): 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 63A
 CURRENT DRAW (max): 127A
 RECOMMENDED FUSE (MUSIC): 70A
 SNR: 99dB
 TOTAL EFFICIENCY: 75%

2Ω

POWER @ 4Ω: 4 x 198 WRMS
 POWER @ 2Ω: 4 x 300 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 500Hz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE (-3dB): 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 63A
 CURRENT DRAW (max): 127A
 RECOMMENDED FUSE (MUSIC): 70A
 SNR: 99dB
 TOTAL EFFICIENCY: 75%



1600.1



EVO 4.0

SPECIFICATIONS

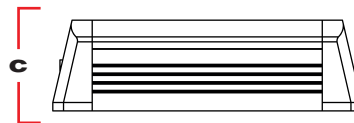
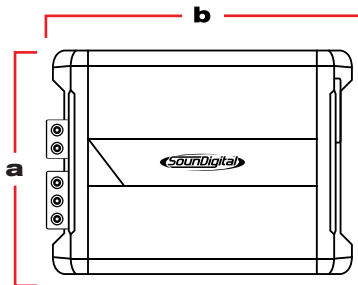
1600.1



INPUT



OUTPUT



- A:** 18.1 CM
- B:** 23.6 CM
- C:** 5.7 CM

1Ω

POWER @ 4Ω: 1 X 484 WRMS
 POWER @ 2Ω: 1 X 880 WRMS
 POWER @ 1Ω: 1 X 1600 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 500HZ
 CROSSOVER HP: 5HZ – 80HZ 12DB/8^a
 REQUENCY RESPONSE: 5HZ ~ 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 87A
 CURRENT DRAW (MAX): 174A
 RECOMMENDED FUSE (MUSIC): 100A
 SNR: 99DB
 TOTAL EFFICIENCY: 73%

2Ω

POWER @ 4Ω: 1 X 880 WRMS
 POWER @ 2Ω: 1 X 1600 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 500HZ
 CROSSOVER HP: 5HZ – 80HZ 12DB/8^a
 REQUENCY RESPONSE: 5HZ ~ 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 87A
 CURRENT DRAW (MAX): 174A
 RECOMMENDED FUSE (MUSIC): 100A
 SNR: 99DB
 TOTAL EFFICIENCY: 73%

4Ω

POWER @ 4Ω: 1 x 1600 WRMS
 POWER @ 2Ω: N/A
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 500HZ
 CROSSOVER HP: 5HZ – 80HZ 12dB/8^a
 REQUENCY RESPONSE: 5HZ ~ 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 87A
 CURRENT DRAW (MAX): 174A
 RECOMMENDED FUSE (MUSIC): 100A
 SNR: 99dB
 TOTAL EFFICIENCY: 73%



3000.1



EVO4.0

SPECIFICATIONS

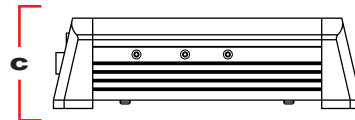
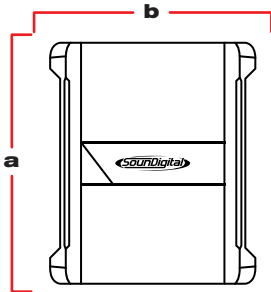
3000.1



INPUT



OUTPUT



- A:** 22.5 CM
- B:** 19 CM
- C:** 7.1 CM

1Ω

POWER @ 4Ω: 1 X 484 WRMS
 POWER @ 2Ω: 1 X 880 WRMS
 POWER @ 1Ω: 1 X 1600 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 20KHZ
 CROSSOVER HP: 5HZ – 80HZ 12DB/8^a
 REQUENCY RESPONSE: 5HZ – 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 150A
 CURRENT DRAW (MAX): 301A
 RECOMMENDED FUSE (MUSIC): 150A
 SNR: 86DB
 TOTAL EFFICIENCY: 79%

2Ω

POWER @ 4Ω: 1 X 1980 WRMS
 POWER @ 2Ω: 1 X 3000 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 20KHZ
 CROSSOVER HP: 5HZ – 80HZ 12DB/8^a
 REQUENCY RESPONSE: 5HZ – 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 150A
 CURRENT DRAW (MAX): 301A
 RECOMMENDED FUSE (MUSIC): 150A
 SNR: 86DB
 TOTAL EFFICIENCY: 79%

4Ω

POWER @ 4Ω: 1 X 3000 WRMS
 POWER @ 2Ω: N/A
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50HZ – 20KHZ
 CROSSOVER HP: 5HZ – 80HZ 12DB/8^a
 REQUENCY RESPONSE: 5HZ – 20KHZ
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 150A
 CURRENT DRAW (MAX): 301A
 RECOMMENDED FUSE (MUSIC): 150A
 SNR: 86DB
 TOTAL EFFICIENCY: 79%



5000.1



EVO 4.0

SPECIFICATIONS

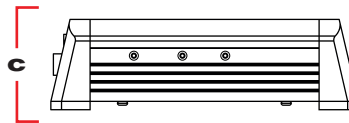
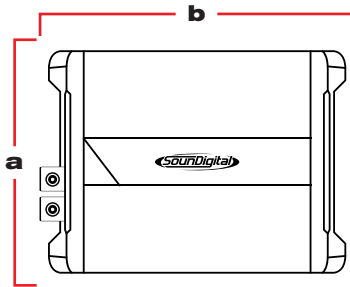
5000.1



INPUT



OUTPUT



- A:** 22.5 CM
- B:** 29.9 CM
- C:** 7.1 CM

1Ω

POWER @ 4Ω: 1 x 2178 WRMS
 POWER @ 2Ω: 1 x 3300 WRMS
 POWER @ 1Ω: 1 x 5000 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 20kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 254A
 CURRENT DRAW (MAX): 509A
 RECOMMENDED FUSE (MUSIC): 250A
 SNR: 84dB
 TOTAL EFFICIENCY: 78%

2Ω

POWER @ 4Ω: 1 x 3300 WRMS
 POWER @ 2Ω: 1 x 5000 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 20kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 254A
 CURRENT DRAW (MAX): 509A
 RECOMMENDED FUSE (MUSIC): 250A
 SNR: 84dB
 TOTAL EFFICIENCY: 78%



8000.1



EVO 4.0

SPECIFICATIONS

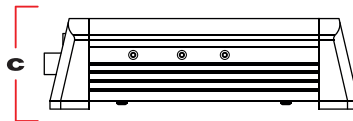
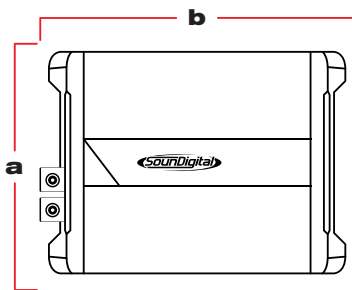
8000.1



INPUT



OUTPUT



- A:** 22.5 CM
- B:** 35.4 CM
- C:** 7.1 CM

1Ω

POWER @ 4Ω: 1 x 3485 WRMS
 POWER @ 2Ω: 1 x 5280 WRMS
 POWER @ 1Ω: 1 x 8000 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 20kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 402A
 CURRENT DRAW (MAX): 804A
 RECOMMENDED FUSE (MUSIC): 500A
 SNR: 82dB
 TOTAL EFFICIENCY: 79%

2Ω

POWER @ 4Ω: 1 X 5280 WRMS
 POWER @ 2Ω: 1 X 8000 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 20kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 20kHz
 DAMPING FACTOR: >1000
 CURRENT DRAW (MUSIC): 402A
 CURRENT DRAW (MAX): 804A
 RECOMMENDED FUSE (MUSIC): 500A
 SNR: 82dB
 TOTAL EFFICIENCY: 79%



12000.1



EVO 4.0

SPECIFICATIONS

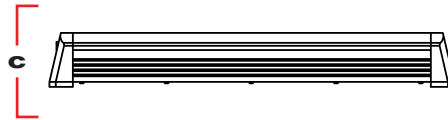
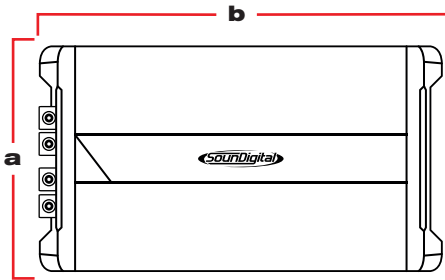
12000.1



INPUT



OUTPUT



- A:** 22.5 CM
- B:** 53 CM
- C:** 7.1 CM

1Ω

POWER @ 4Ω: 1 X 5227 WRMS
 POWER @ 2Ω: 1 X 7920 WRMS
 POWER @ 1Ω: 1 X 12000 WRMS
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 6kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 6kHz
 DAMPING FACTOR: 200
 CURRENT DRAW (MUSIC): 643A
 CURRENT DRAW (MAX): 1287A
 RECOMMENDED FUSE (MUSIC): 650A
 SNR: 71dB
 TOTAL EFFICIENCY: 74%

2Ω

POWER @ 4Ω: 1 x 3300 WRMS
 POWER @ 2Ω: 1 X 12000 WRMS
 POWER @ 1Ω: N/A
 OPERATING VOLTAGE: 8V – 16V
 CROSSOVER LP: 50Hz – 6kHz
 CROSSOVER HP: 5Hz – 80Hz 12dB/8^a
 FREQUENCY RESPONSE: 5Hz – 6kHz
 DAMPING FACTOR: 200
 CURRENT DRAW (MUSIC): 643A
 CURRENT DRAW (MAX): 1287A
 RECOMMENDED FUSE (MUSIC): 650A
 SNR: 71dB
 TOTAL EFFICIENCY: 74%



COMPACT
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