



Alpha Series Amplifier Manual

α600.4 Four Channel

α1100.5 Five Channel

α1000.1 Monoblock



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FEATURES

- Platinum finish connections
- 12db/Oct Fully Variable Crossovers
- Overload, Short Circuit, Thermal, Low/High Voltage, Reverse Polarity Protection

Design Features

- IR (International Rectifier) Class-D Topology
- Mini Size Footprint For Easy Installation In Many Applications
- Surface Mount Component Technology
- Audio Precision Quality Control Verification
- Stable & Reliable Four Layers PCB Trace Layout
- Power & Protection & Clipping Led Lights Status Indicator

SPECIFICATIONS

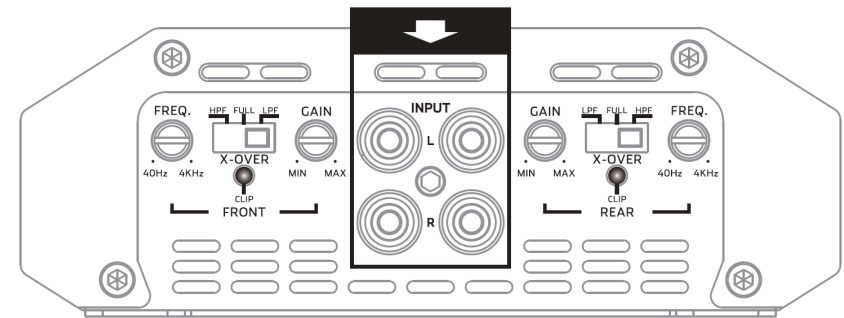
Model No.	α600.4	α1100.5	α1000.1
RMS POWER (1Ω)	-	-	1000Wx1CH
RMS POWER (2Ω)	150Wx4CH	100Wx4CH + 600Wx1	600Wx1CH
RMS POWER (4Ω)	75Wx4CH	50Wx4CH + 400Wx1	400Wx1CH
RMS POWER (4Ω Bridged)	300Wx2CH	200Wx2CH	-
THD	0.3%	0.3%	0.3%
S/N RATIO REF. 1W @ 4Ω	>90dB	>90dB	>90dB
GAIN RANGE	0.2-6V	0.2-6V	0.2-6V
CROSSOVER RANGE	40-4kHz	40-4kHz	LPF:50-250Hz
FREQUENCY RANGE	20-20kHz	20-20kHz	10-250Hz
DIMENSIONS (IN)	8.6x6.9x1.9	10.6x6.9x1.9	8.6x6.9x1.9

INSTALLATION INSTRUCTIONS

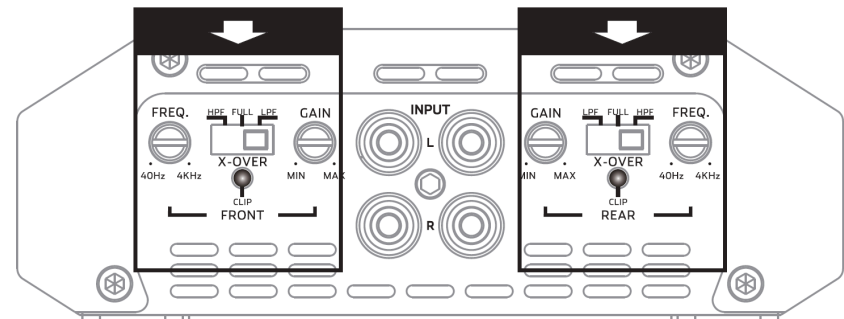
Verify your total IMPEDANCE loads before you make any connections.

1. Disconnect the negative cable from the car battery and tape the exposed end.
2. Install an appropriate gauge wire from the battery to the amplifier. This cable will carry a very high current, and can cause a fire if it shorts or if it is not properly fused.
3. Connect the power wire to the battery using a fuse capable of the total current load of all amplifiers connected. **Install the fuse only after STEP 7.** If the fuse is further than 18 inches (wire length) from the battery, reevaluate the wire and fuse placement.
4. Find the closest clear metal area to the amplifier for a ground. Remove all paint/undercoating from that point and securely fasten the ground in place.
5. Run the speaker wires to the speakers, leaving extra length as they can be cut later.
6. Mount the amplifier to the vehicle now.
7. Connect the power and ground to the amplifier, then install the fuse at the battery.
8. Connect the remote wire from the head unit to the amplifier. Turn on the amplifier for testing. Make sure it turns on properly and does not go into protection.
9. Turn off the amplifier and connect the speaker wires to the amplifier and speakers. Make sure the polarity (+ and -) is correct.
10. Connect the RCA's to the amplifier.
11. Double check the amplifier controls at this time, and adjust if needed.
12. Now you're ready to play the system for the first time. It is best to leave the gain all the way down at first. Start with the head unit volume low and turn it up.
13. Now you can tune the amplifier. Take your time and make only one adjustment at a time. It may take some time to get the system fully adjusted.
14. Now have fun!

INPUT SECTION



GAIN & CROSSOVER CONTROLS



SPEAKER OUTPUTS

