

LIMITED ONE YEAR WARRANTY

This warranty from Autotek Corp. remains in effect for a period of one (1) year from date of first purchase.

This warranty will be enforceable by the original owner and any subsequent owners during the warranty period so long as proof of warranty coverage is presented if warranty service is required.

Except as otherwise specified, this warranty covers all defects in material and workmanship in this product. The following are not covered: Damage resulting from accident, misuse, abuse, neglect, production modification, improper installation, incorrect line voltage or polarity, unauthorised repair or failure to follow instructions supplied with this product, damage occurring during shipment (claims must be presented to the carrier), elimination of car static or other electrical interferences, tape head cleaning or adjustments, any product purchased outside of the U.S.A., or on which the serial number has been defaced, modified or removed.

Limitation of Implied Warranties

All implied warranties, including warranties of merchantability and fitness for particular purpose, are limited in duration to the length of this warranty.

Exclusion of Certain Damages

Autotek's liability is limited to the repair or replacement, at our option, of any defective product and shall, in no event, include incidental or consequential commercial damages of any kind.

Some states do not allow limitation on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damage. So the above limitations and exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty from Autotek Corp. remains in effect for a period of one (1) year from the date of first purchase IF INSTALLED BY AN AUTHORIZED AUTOTEK DEALER. AUTOTEK PRODUCTS INSTALLED BY OTHER THAN AUTHORIZED AUTOTEK DEALERS WILL BE WARRANTIES FOR 30 DAYS.

1991

Instruction Manual

Silverado by Autotek

Model 5050 50 Watt Amplifier

Model 5080 80 Watt Amplifier

Model 5104 100 Watt 4 Channel Amplifier



Autotek Amplifiers are Made in USA

INSTALLATION INSTRUCTIONS

Please read the following installation procedure carefully. This will ensure that your AUTOTEK equipment shall continue to function normally for many years.

Amplifier

- Make sure that the unit has sufficient ventilation.
- Do not mount the amplifier near hot engine components.
- Run the BLACK ground wire to the NEAREST good chassis ground point.
- Be sure to remove paint and rust to make a high quality connection to the chassis.
- The lug to which you attach the BLACK wire must be crimped well and soldered.
- The RED wire must be extended with the appropriate gauge wire and run to the positive battery terminal via the supplied fuse.
- The fuse MUST be located AT THE BATTERY for absolute protection.
- DO NOT OVERFUSE THE AMPLIFIER.
- Make sure the amplifier is securely bolted down.
- Run the RCA inputs to the outputs of the preceding piece of equipment using only high quality patch leads.
- Connect the speaker systems to the color-coded speaker wires, observing the polarity carefully so as to keep the speakers in phase.
- Connect the ORANGE wire to the remote output wire from the head unit.
- Set the input sensitivity to the level which matches that of the head unit.

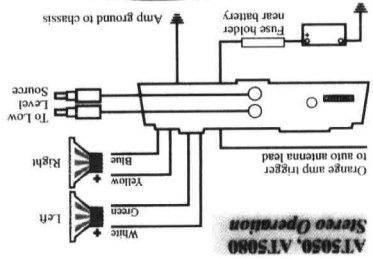
Special instructions for AT5104 operation

1. For 2/3 channel operation, channels 1 + 2 may be bridged independently of channels 3 + 4, or vice versa. Both pairs of channels may be bridged to allow 2 channel operation. In bi-amp mode, the left inputs must receive the same signal by using a Y-adaptor, and likewise the right inputs.

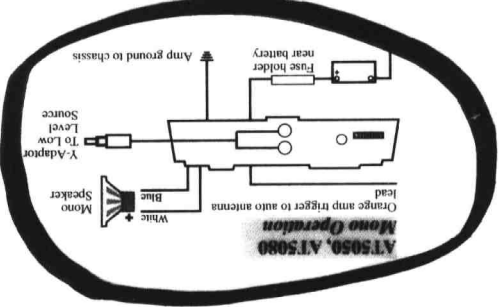
Connecting the amplifier for SUBWOOFER operation with satellite speakers

Any Autotek 2 channel amplifier may be used in this mode. The crossover frequency for the subwoofer is determined by the values of the coils and capacitors, and the speaker impedance.

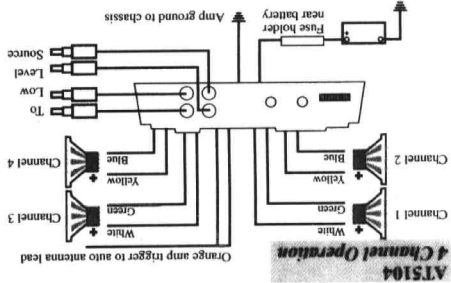
Warning! The impedance which each channel "sees" is the impedance of the speaker IN PARALLEL with 50% of the woofer's impedance. To keep the total impedance on each channel above 2 ohms, the subwoofer MUST be 8 ohm and the satellites not less than 4 ohm. It is highly recommended that the correct passive crossovers are used as per the diagram.



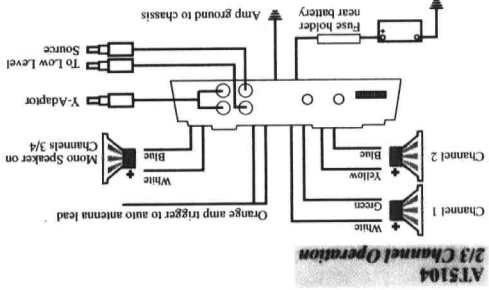
AT5050, AT5080
Stereo Operation



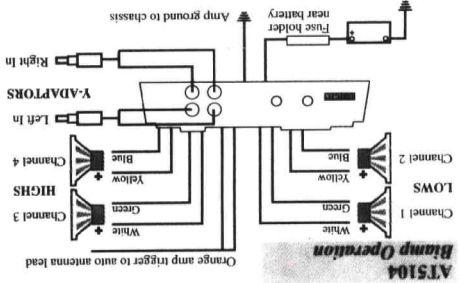
AT5050, AT5080
Mono Subwoofer & Satellites



AT5104
4 Channel Operation



AT5104
2/3 Channel Operation



AT5104
Bump Operation

Output power at rated THD, all channels, driven into 4 ohms	25 Watts/channel	40 Watts/channel	4 x 25 Watts
Bridged power into 8 ohm	50 Watts	80 Watts	50 Watts
Bridged power into 4 ohm	90 Watts	160 Watts	90 Watts
THD with 4 ohm loads	0.05%	0.05%	0.05%
THD with 2 ohm loads	0.2%	0.2%	0.2%
Frequency response	10 Hz- 150 kHz	10 Hz- 150 kHz	10 Hz- 150 kHz
Signal to noise ratio (dB)	91	92	91
Slew rate	10 volt/microsecond	10 volt/microsecond	10 volt/microsecond
Damping factor, 4 ohm loads	80	80	80
Input sensitivity	250 mv to 4.44 Volt	250 mv to 4.44 Volt	250 mv to 4.44 Volt
Input impedance	8 Kilo Ohm	8 Kilo Ohm	8 Kilo Ohm
Electronic crossover	N/A	N/A	90 Hz
Weight (lbs.)	3	4	5.5
Length (all 7.5" W x 1.7" H)	4.72"	6.3"	8.66"
Fuse	10A	10A	10A
Protection	Thermal	Thermal	Thermal
Warranty	One year limited	One year limited	One year limited