

# GENERAL ADJUSTMENTS

## Before adjustment

- Make sure that the AC line is  $\pm 10\%$
- Wait 5 minutes after power-on to stabilize amplifier operation

Step	Adjustment	Conditions	Location	Test Point	Value	Test Equipment
1	Main B+, B- voltage adjustment	No load	Main board 1 VR303	Between chassis ground and P1 terminal of primary board	$55.7 \pm 0.3V$ ( $53.3 \pm 0.3V$ G model only)	Digital Voltmeter (tester)
2	Photo coupler current check	Minimum volume, no load	Between P1 and TP3 of the primary board (if out of range, turn VR501 and VR303 around and adjust B+, B- and P-TP3 for rated voltages)		$1.2V \pm 0.1V$	same as above
3	Idling adjustment	Minimum volume	Main board 1, VR301 (L ch), VR302 (R ch)	TP3 - TP4 (L), TP1 - TP2 (R)	$9 \pm 3 mV$	same as above
4	Output offset check	Minimum volume		Speaker terminals	L, R within $0 \pm 30 mV$	same as above

\* It is not necessary to check the photo-coupler current of step 2 except when replacing the photo-coupler. Also, perform steps 1 and 2 simultaneously (with two digital voltmeters).

## ADJUSTMENT LOCATION DIAGRAM

