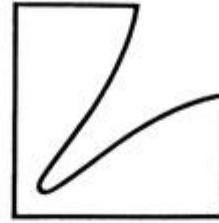


Luxman Mq-68c Tube Power Amplifier , Service Manual

SERVICE MANUAL



VACUUM-STATE STEREO POWER AMPLIFIER **MQ68C**

Alignment Procedure

1) Idling adjustment

Volume control	-----	set at minimum
VR-01 a.b.	-----	set at left end
VR-02 a.b.	-----	set at center
setting condition: VR-03 a.b.	-----	"
VR-04 a.b.	-----	"

- (1) Turn the power switch on, and connect the DC voltage meter to both ends of cathode resistor, 10 ohms/3W of all power tube (50C-A10 cathode: No. 10)
- (2) When 5 minutes passed after the power switch was turned on, adjust both the VR-01 a.b. and VR-02 a.b. so that the voltage meter connected to the cathodes of 50C-A10 shows 0.5V.

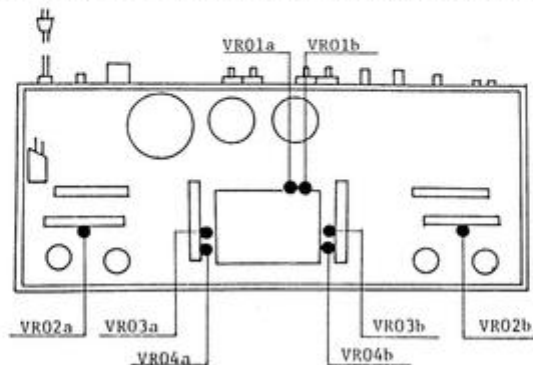
2) Distortion alignment

- (1) After complete adjustment of idling voltage, connect the 8 ohms non-inductance load to the speaker terminal, while connecting the low distortion audio signal generator to the input terminal.
The output level of signal generator, however, shall be set at minimum with its frequency at 1KHz sign wave.
- (2) Set the output volume maximum, and adjust the output voltage of signal generator so that the output voltage at the speaker terminal shows 8.95V(10W approximately).
- (3) Under above mentioned condition, connect the distortion meter to the speaker terminal, and adjust both the VR-03 a.b. and VR-04 a.b. so that the distortion meter shows minimum level.

Caution: Due to the fluctuation of VR-03 a.b. and VR-04 a.b., difference of gain comes out at the time of NF on and off. The minute adjustment is needed so that the gain difference and distortion can be found minimum.

Remarks: Note that (a) and (b) stated with VR means left and right channel respectively.

Adjustment Location



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