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SERVICE BULLETIN #2

PHASOR LDR CALIBRATION PROCEDURE

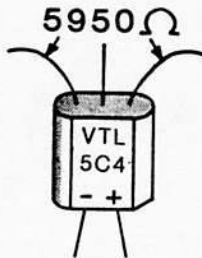
A. This applies to the following models:

2275 - 75 )  
2275 - 150 )  
2475 - 75 ) ----GB-2 Circuit Board  
2475 - 150 )

All RP models - GP3 and GP3A circuit boards

B. Calibration is performed in the following manner:

1. Remove the low frequency oscillator IC chip from it's socket. This is IC#7 on 2275 and 2475 (GB-2) circuit boards. It is IC#7 on all RP (GP-3A) circuit boards.
2. Connect a clip lead from the positive 16 volt power supply to the 1 integrator capacitor. This is pin 7 of IC#7 on all 2275 and 2475 (GB-2) circuit boards and pin 1 of IC#7 on all RP (GP-3A) circuit boards.
3. With no signal through the amp, measure the DC resistance between the two outer leads of each of the two LDR's (VTL-5C4) as shown.

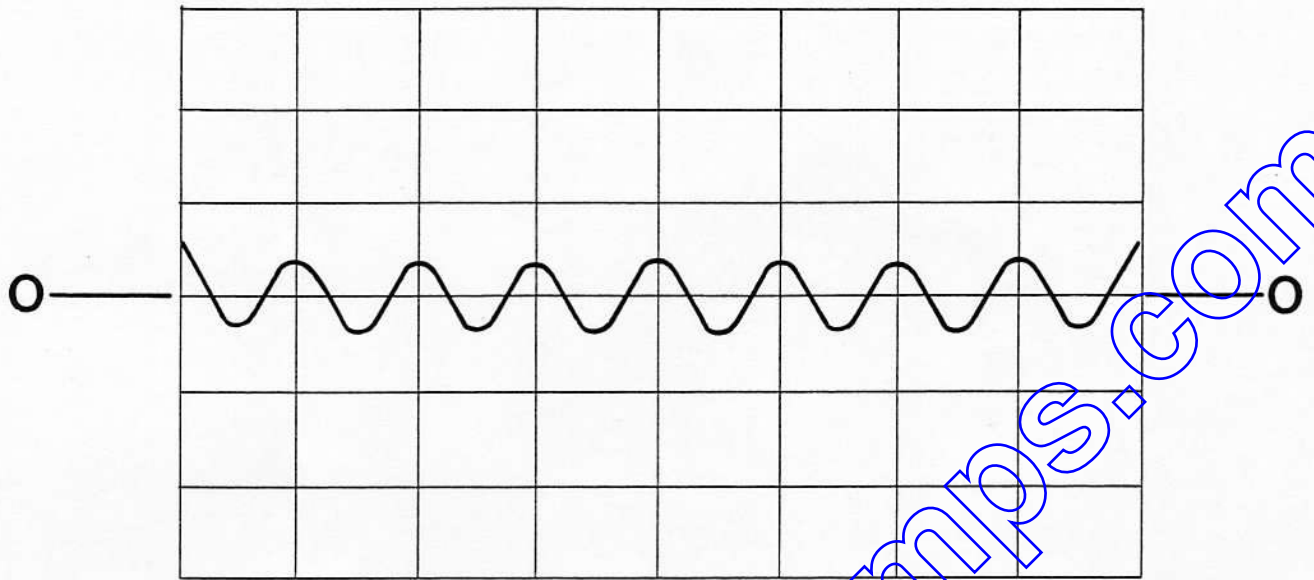


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4. By adjusting the 100K trimpot the resistance reading should be set to 5950 OHMS. The trimpot is TR-1 on all RP (GP-3A) circuit boards and TR-2 on all 2275 and 2475 (GB-2) circuit boards. If the LDR's have different measurements the lower of the two should be set at 5950 OHMS and the second higher reading should be no higher than 6950 OHMS. If there is a difference larger than 1000 OHMS, the LDR's should be replaced with a matched pair. (Available from Music Man)
5. Remove the clip lead and replace the low frequency oscillator chip and the phasor will be adjusted to factory specifications.

[www.musicmanamps.com](http://www.musicmanamps.com)



**FIG. 2**

