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Bulletin DC56-23

TO ALL SEEBURG DISTRIBUTORS:

Attention: Service Managers

The attached tabulation of DC resistances of the circuits of the 200TML Memory Unit will be found useful in service operations. All of the measurements are made from the plugs that terminate the cable and/or the read-out contacts on the unit. The values indicated are numerically small but are within the range of use of an ordinary volt-ohmmeter.

We do not believe this information has very much use or advantage in operators' normal service but additional copies are available if your own service personnel can use them.

Sincerely yours,

J. P. SEEBURG CORPORATION

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CRS:BC  
encl.

DC RESISTANCE CHECK OF 200TMI MEMORY UNIT CIRCUITS

1. Write-in circuits:

- a. Pin 33 to 1, 2, 3, etc. to 20 = 0.6 ohms
- b. Pin 31 to 21, 22, 23, etc. to 30 = 0.2 ohms
- c. Pin 31 to pin 33 = infinity

2. Read-out circuits:

- a. Contact rivet to read-out rail = 0.0 ohms  
(These circuits consist of approximately 1" of No. 30 wire and present a resistance value too low to measure with an ohmmeter.)

3. Out-put loop:

- a. Across plug = 2.6 to 3.0 ohms
- b. Center terminal of plug to pin 33 = 2.6 to 3.0 ohms
- c. With "ground wire" of loop disconnected from shell of plug and from shield braid: center terminal of plug to pin 33 = infinity

4. Write-in to Read-out circuits:

- a. Pin 31 to any read-out contact or to common read-out rail = infinity
- b. Pin 33 to any read-out contact or to common read-out rail = infinity

Note - The common read-out rail of some Memory Units is internally connected to one or both mounting brackets. The operation of these units is normal in all respects but an ohmmeter will read zero (0) ohms when connected to pin 33 and the grounded bracket(s).

5. Letter Write-in circuit ground (in Unit):

- a. Pin 33 to Unit mounting brackets = 0.0  
(This circuit consists of approximately 2" of No. 30 wire and the wire in the cable. It presents a resistance value too low to be measured with an ohmmeter.)

6. Number Write-in circuits to out-put loop:

- a. Pin 31 to center terminal of out-put loop plug = infinity