EXCLUSIVE AVL SHOW PRO VB
MEMORY SELF-TEST

AVL has provided a unique feature in the SHOW PRO VB for the customer, which allows testing of the system memory elements and internal program on site. This feature provides two important time-saving functions for the user: (1) to assure himself the memory of the unit is operating properly in those situations where a problem could either be caused by the person programming or the machine; (2) if the machine is at fault, the time spent with AVL service personnel expediting getting the unit back on-line.

WHAT DOES IT DO? During the test, over a million checks per second are performed. To test all elements on the Memory board requires five seconds.

If the memory is operating properly, the Cue Counter will advance 1 number every five seconds. However, if there is a problem, the location of the defective "chip" will be shown on the Cue Counter, e.g., "OCO4" would indicate the device in that location on the Memory board will have to be replaced.

HOW DO I PERFORM THIS TEST? Every SHOW PRO VB that is equipped with the Memory checker-chip has a 6-pin Memory Test Plug shipped with the unit. To perform the test, do the following:

1. If some program is presently loaded in the unit, perform a high-speed dump to mag tape to store the work you have done to this point.

2. Turn OFF a-c power to the unit.

3. Install the Memory Test Plug in the Battery Connector located on the rear panel of the unit.

4. Turn power back ON.

5. Observe the Cue Counter. If properly operating, it will indicate "0000", then five seconds later will read "0001", and increase by one each five seconds thereafter.

If there is a problem on the Memory board, it will readout the location.

Write down the chip location shown on the Cue Counter.

6. Turn OFF the a-c power and remove the Memory Test Plug.

7. Contact the nearest AVL service center and tell them the number you wrote down. They will assist you in getting your unit back on-line as soon as possible.

HOW LONG SHOULD I TEST THE UNIT IF IT STARTS COUNTING CORRECTLY?

Although each element is tested every five seconds, a failure may not occur until the unit has warmed up. We recommend letting the unit run in the test made for at least ten minutes.