**GOTHAM**
AUDIO CORPORATION

**ENGINEERING BULLETIN**

RE:     Calibration Method for VMS 80 Pitch/Depth

DATE:     9 April 1981

This is a fast method SFT obtained from GN during recent trip and should help clients keep the VMS 80 operating at its peak of performance.

1.  Set 100 Hz at 0 PEAK = 10 cm/s (+10 dB line level).

2.  Operate TEST switch on BE panel (lower left).

3.  ~~Operate FIXED switch on same panel.~~

③ 4.  Set 40 um (1.6 mil) DEPTH, 10 um (0.4 mil) LAND. MUST indicate 50 um (2 mil) on PITCH meter.

④ 5.  Feed 100 Hz to RIGHT and LEFT channels separately. (SK-A all zeroed!) You should now read 150 um (6 mil) PITCH, 90 *6m* um (3.6 mil) DEPTH. Trim PV LEFT + RIGHT (on rightmost *3.6* PC card below) until this 6 mil PITCH is shown.

6.  Feeding LATERAL signal gives: 150 um (6 mil) + 40 um (1.6 mil). VERTICAL gives 250 um (5 mil) + 140 um (2.8 mil).
    *250 +50   9.8   5.6*

NOTE: German disk standards permit a min. groove width of 25 um (0.5 mil) and LAND down to ZERO!

At GN 25.03.81
ENG-2/p1