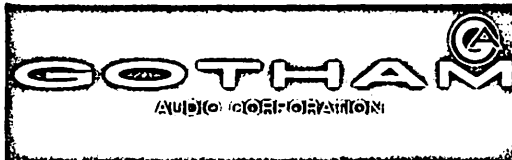


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ENGINEERING
BULLETIN

RE: Rapid Calibration Method for VMS 80 Pitch/Depth

DATE: 11 October 1981

This fast method should help clients keep the VMS 80 operating at its peak of performance.

1. Operate TEST switch on BE panel (lower left).
2. Without cutting, set 1.6 mils on DEPTH meter and 0.4 mils LAND. PITCH meter MUST indicate 2 mils (500 lpi).
3. Feed 100 Hz at 0 dB PEAK LEVEL (= 10 cm/s = +10 dBm line level) to LEFT and RIGHT channels in turn (SK-A all zeroed!) You should now read 6 mils PITCH (167 lpi), 3.6 mils DEPTH. Trim PV LEFT + RIGHT (on rightmost PC card below) until this 6 mil PITCH is shown.
4. AS A CHECK: In phase signal reads 6 mils PITCH and 1.6 mils WIDTH; out-of-phase signal reads 10 mils PITCH and 5.6 mils WIDTH.

NOTE: German disk standards now permit a momentary min. groove width of 1 mil, an average width of 1.5 mils, and LAND down to virtually ZERO!

GN 25.03.81

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