

2 Track Alignment

by Justin Lieberman

- 1.) Playback MRL tape at 30ips on 1Khz tone and align "level" to 0
- 2.) Playback MRL tape at 30ips on 10Khz tone and align "treble" to 0
- 3.) Load up blank reel of GP9 and rewind to the top of the tape, take the GP9 flange off and flip it over.
- 4.) Put the machine in record and reading off of the repro head
- 5.) Send a 1Khz tone from the console at 0 and align the record level pot to 0
- 6.) Send a 10Khz tone from the console at 0 and align the record treble pot to 0
- 7.) Send a 10Khz tone from the console at about -4 and turn the master bias pot counter clockwise until the needle starts to fall, then turn it back clockwise to find the peak. Continue turning the master bias pot clockwise until you go 1.5 over the peak (the needle should now be -1.5 from the peak by a clockwise turn)
- 8.) Send a 1Khz tone from the console and make sure the alignment hasn't changed...if it has adjust the record level pot until you are at 0 again.
- 9.) Send a 10Khz tone from the console and make sure the alignment hasn't changed...if it has do the same that you did for step 8.

Print 30 seconds of 1Khz, 10Khz, and 100hz at 0 from the console onto the top of the tape and place a leader after the tones. Label the tape box "tones at head 1Khz, 10Khz, 100Hz 30 sec each +6>185 30ips."