





# Pilot 100 Stereo Multiplex Alignment Data

## ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Allow 20 minute warmup for adapter and generator.  
Suggested Alignment Tools:

A1 thru A6.....  
GENERAL CEMENT #8282, 8606, 8606-L, 9295, 9440  
WALSCO #2526, 2543, 2544, 2545

SIGNAL GENERATOR	INDICATOR	ADJUST	REMARKS
1. Inject 19KC signal + .01% to high side of multiplex input jack, low side to chassis.	Vert. input of scope to point <b>A</b> , low side to chassis.	A1, A2	Adjust for maximum deflection. Adjust scope sweep range to lock in 2 cycles.
2. "	Vert. input to point <b>B</b> , low side to chassis.	A3, A4	Adjust for maximum deflection of 4-cycle waveform.
3. Disconnect high side of L5 from point <b>C</b> . Inject 67 KC signal from audio oscillator into high side of L5, low side to chassis.	Vert. input to high side of L5, low side to chassis.	A5	Adjust for <b>MINIMUM</b> deflection.
4. Reconnect L5. Inject 67KC signal from audio oscillator into multiplex input, low side to chassis.	Vert. input to point <b>C</b> , low side to chassis.	A6	Adjust for <b>MINIMUM</b> deflection.