



ELECTRO-OPTICAL PRODUCTS CORP.

P.O. BOX 650441, FRESH MEADOWS, NY 11365. TEL: (718) 456-6000 . FAX: (718) 456-6050 . www.EOPC.com

INSTRUCTIONS FOR USE OF THE PLD-1S DRIVER

07-100834

1. Mount the scanner onto a solid mount using 2-56 x 1/8" deep screws.
2. Connect the scanner to the "OUTPUT" connector.
3. Connect a clock signal of 4000.0 Hz to the "CLK IN" connector (sine, square, or TTL signal).
4. Connect the driver to line power.
5. Set the "MODE" select switch to the "OSC." position.
6. Turn on the "POWER" switch.
7. The scanner will oscillate at the resonant frequency of the scanner. The scan amplitude can be adjusted by using the "AMPLITUDE" pot.
8. Let the scanner run in OSC. MODE for about one minute.
9. The resonant frequency and position can be obtained by using the "MONITOR" output.
10. To lock the scanner to the clock signal, set the "MODE" select switch to the "LOCKED" position.
11. Adjust the phase relationship of the scanner to the clock input by turning the "PHASE" pot.
12. The scanner position can be obtained by using "MONITOR" output.