EDL Displays, Inc.
Handheld Controller Operating Instructions.

1. Turn monitor on.
2. Set front panel calibration.
   - Hold Deg/Cal button in for 5 seconds then release to enter calibration mode.
   - Press and release Cal button twice to bypass vertical adjustments.
   - Use Cont/Cal Knob to adjust H-Pos then press and release Deg/Cal button.
   - Use Cont/Cal Knob to adjust H-Size then press and release Deg/Cal button.
   - Use Cont/Cal Knob to adjust Trap then press and release Deg/Cal button.
   - Use Cont/Cal Knob to adjust Pin then press and release Deg/Cal button.
   - Press and release Deg/Cal button twice to bypass convergence adjustments and exit calibration mode.
3. Connect cable to V-Deflection board.
4. Observe frequency information of readout.
5. Enter "1234" on controller.
6. Observe Main menu.
7. Press "1 enter" to enter V-size adjustment.
8. Use "f1" & "f5" keys for coarse adjustment.
9. Use "f2" & "f4" keys for fine adjustment.
10. Press "f3" key to exit.
11. Adjust V-Position if necessary using procedure in steps 7 - 10.
12. Use Y Mod Mag, Pin Phase, Pin Cent & Pin Shape to make top and bottom of screen flat and level.
13. Use Retrace to adjust V-Linearity at top of screen.
14. Use Conv Mag, Conv Phase & Conv Shape to correct Convergence.
    - Use Conv Phase to obtain equal error on both right and left edges.
    - Use Conv Mag to obtain equal error at center and edges.
    - Use H-Stat to shift correction on entire screen.
15. Adjust V & H focus.
    - Use H-Focus to obtain equal focus from center to sides.
    - Use V-Focus to obtain equal focus from center to top.
16. Press "S enter" to save settings.
17. Turn monitor off then back on to reset micro processor.

1. V SIZE — Vertical Size.
2. V POS — Vertical Position.
3. YMOD MAG — Change amplitude of pin correction waveform. (typical: C0H)
4. YMOD CENT — Change D.C. offset of pin correction waveform. (typical: 80H)
5. PIN SHAPE — Change Shape of pin correction waveform. (typical: 40H)
6. PIN PHASE — Changes phase of waveform with relation to H-sync. (typical: C0H)
7. CONV PHASE — Changes phase of waveform with relation to H-sync. (typical: D0H)
8. VERT FOCUS — Changes amplitude of dynamic focus waveform. (typical: 28H)
9. H FOCUS — Changes amplitude of dynamic focus waveform. (typical: 28H)
10. CONV MAG — Changes amplitude of convergence correction waveform. (typical: A0H)
11. SPARE 1 — Not used.
12. RETRACE Changes compression of top of screen. (typical: A0H)
13. V STAT — Static convergence waveform.
14. H STAT — Static convergence waveform.
15. CONV SYM — Changes D.C. offset of convergence correction waveform. (typical: 80H)
16. SPARE 2 — Not used.