

L70 & 80 SERIES (GREEN) PWM MOTOR CONTROL BOARD / REPLACEMENT INSTRUCTIONS

- 1) Remove the original lower motor control board from the treadmill.
- 2) Once the new MCB is mounted, wire it by connecting the following:
 - **Brown** wire from the line cord to the **P-1 Line** terminal
 - **Blue** wire from the line cord to the **P-3 Neutral** terminal
 - **Green Grounding** wire to the **P-5** terminal and ground it to the motor pan
 - **Black** wire from the drive motor to the **P-4 Black** terminal
 - **White** wire from the drive motor to the **P-6 White** terminal
 - **Speed Sensor** harness to Speed Sensor clip
 - **Elevation** harness to Elevation clip
 - **Upper Wire Harness** to Upper Wire Harness clip

SPEED CALIBRATION

Once the lower board is mounted and wired the speed will need to be calibrated. This is done by adjusting the **IR and Speed** potentiometer (Pot) on the lower board. Then preset the **SPEED POT** to *2 o'clock* and preset the **IR POT** to *11 o'clock*. Refer to the procedure below to finish calibrating the speed. **Turning clockwise will increase the speed, counter-clockwise will decrease speed.**

Enter into Open Loop Speed mode (O.L.S.) by pressing simultaneously the following keys

Executive Trainer	Menu & Start
Cardio Trainer	Display & Start
Cardio Trainer 2	Next & Start
Cardio Trainer 4	Enter & Start
Pro Sport Trainer 3	Next & Start
Pro Sport Trainer 4	Enter & Start
Sport Trainer 2	Fast & Start
Pro Trainer 2	Fast & Start

- 1) Bring the set speed to 12mph. Let speed stabilize.
 - Adjust the **Speed Pot** on the MCB (11.7 to 12.3 mph is acceptable)
- 2) Decrease set speed to .5mph. Let actual speed stabilize.
 - Adjust the **Speed Pot** (.40 to .60mph is acceptable)
- 3) Before turning treadmill off, check the **MAX** speed once more.
- 4) Shut off & restart the treadmill again
- 5) Bring the speed to 1.0 mph.
- 6) Stand on the treadbelt to see if there's any hesitation or speed surge present. If there is proceed to step #7
- 7) Adjust the **IR Pot** counter-clockwise on the board until the surging & hesitation subsides.

PLEASE CALL LANDICE TECHNICAL SERVICE 1-800-526-3423 for assistance