



SOLAR TECHNOLOGY, INC

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Service Bulletin No. 01-2008

Date: January 16, 2008
To: All Solar Technology Customers with Message Boards purchased after 2006
From: Solar Technology, Inc.
Subject: Improving Silent Messenger PCMS Battery Life and Autonomy

A recent advance in LED (Light Emitting Diode) technology has resulted in a line of LEDs that are significantly brighter yet consume less energy. This energy savings creates an opportunity for our customers who purchased Silent Messenger Portable Changeable Message Signs after January 2006 to improve battery life and autonomy of units manufactured with these newer higher efficiency LEDs.

After completion of a very extensive and intensive testing program, Solar Technology, Inc. has determined that our customers can take full advantage of this breakthrough technology by adjusting the ambient light level settings on their Silent Messenger Portable Changeable Message Signs. This change will result in a significant power savings during lower ambient light level conditions when the solar panels are producing less power. The ambient light levels for all Silent Messenger PCMS manufactured after 01 January 2006 should be changed to 3750 for the "High Limit" and 1500 for the "Low Limit" in order to take full advantage of the newer and more efficient LEDs.

Instructions to change ambient light levels:

Standard Keyboard Controller:

1. Press the #2 key for the Supervisor Menu. (Enter password press Enter key)
2. Press the #2 key to change system settings. (Press the "Y" key to change system settings)
3. Press the # 4 key to set brightness limits. (note: the screen should display high limit 3500, low limit 500)
4. Press the Enter key to make a change.
5. Enter the new high limit by typing in 3750 and press the Enter key.
6. Enter the new low limit by typing in 1500 and press the Enter key.
7. Press the Enter key a second time to accept new settings.
8. Press the Escape key two times to return to the Main Menu.
9. For more information consult page 4-30 of the Silent Messenger Operation and Maintenance Manual of contact Solar Technology Customer Service.

New Mega Tech Touch Screen Controller:

Harness the Power of the Sun



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1. From the 1st screen select “Main Menu” by touching Main Menu Box located in bottom left corner.
2. Select “Supervisor Menu” by touching Supervisor Menu box located in the left bottom quadrant
3. Select “Set Photocell Limits” by touching Set Photocell Limit located in the box on the far right second down from the top.
4. Screen will display the current settings at the top of the screen, to change settings
 - a. Touch the white bar marked “ Min ” , then using keyboard type 1500
 - b. Touch the white bar marked “ Max ” , then using key board type 3750.
5. Touch green box marked OK
6. Select “Main Menu” by touching Main Menu to escape.

Your ambient light settings are now at the new recommended settings. If you should have any further question on this matter pleas contact the **Customer Service Department**.

Harness the Power of the Sun