

USER MANUAL

PowerSmart™ LED Badges

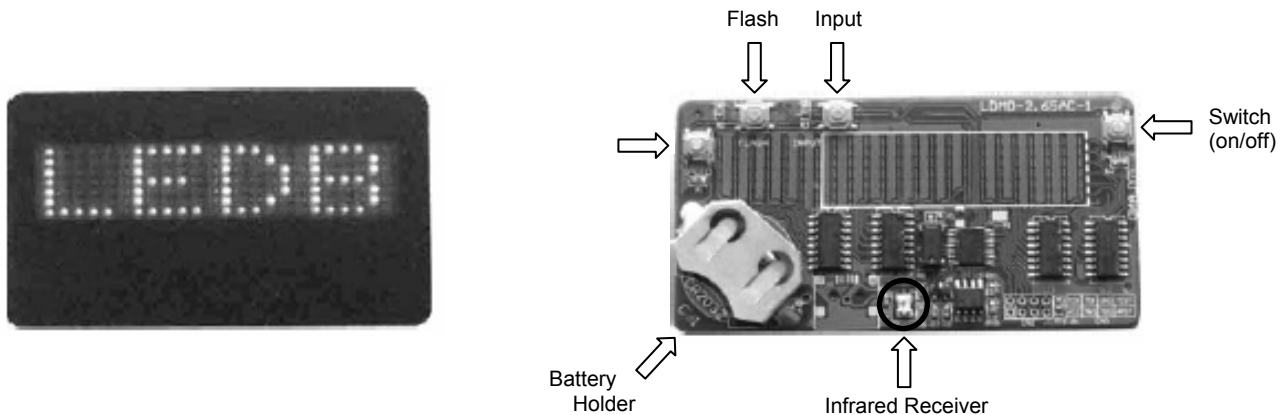
Two Programming Options:

- 1) By using the onboard buttons.
- 2) By using an Infrared cable and computer software. (*Windows 98 or higher is required.*)

The rear side of the LED Badge contains four on-board programming buttons, the Infrared Receiver and the battery holder. The LED Badge can store up to 4,000 ASCII characters as 16 different messages with 250 characters per message.

Battery Use: Slide the standard lithium battery into the holder, positive side up. When the digital display starts to dim (after about 30 hours of use) replace the battery.

Turning the LED Badge on/off: When the battery is inserted the LED Badge will turn on and a welcome message will be displayed. To turn the LED Badge off, press the **switch** button for 3 seconds. To turn the LED Badge on, press the **switch** button once.



Software Programming:

- 1) Plug the serial cable into the serial port of your computer.
- 2) Plug the Infrared (IR) module into the other end of the serial cable.
- 3) Run the CD and save the LEDSend.exe software to your computer.
- 4) When you open the program it will automatically identify the COM ports on your computer. Make sure the appropriate **port** is checked.
- 5) Type your message into the **input** box.
- 6) Set the **speed** and **flash** frequency.
- 7) Choose the **item** number (1-16) for that message and click **save text**.
- 8) Repeat steps 5-7 until all of your messages are stored in the **content** box.
- 9) Touch the IR transmitter at the end of the cable to the IR receiver on the back of the LED Badge and click **download** to see your messages in lights!

* To transfer your messages, the LED Badge must be turned ON.

* "Current" **item** will program the line you see on the badge at the time.

* If multiple messages are stored in the **content** box under the same **item** number, the program will transmit the most recent one saved.

To learn how to change the message, speed and flash frequency when you're wearing your LED Badge, read the Onboard Programming instructions.

Onboard Programming:

On/Off: When the battery is inserted, the LED Badge will turn on and a welcome message will be displayed. To turn the LED Badge off, press the **switch** button for 3 seconds. To turn the LED Badge on, press the **switch** button once. Messages will not be erased by turning the LED Badge on and off.

Speed: The LED Badge has 8 different display speeds, from extremely fast to completely stopped. Press the **speed** button once to change the speed. Repeat as required.

Flash: The LED Badge has 8 different flash frequencies, from rapid flash to no flash. Press the **flash** button once to change the frequency. Repeat as required.

Message Selection: The LED Badge can store up to 16 messages. Press the **switch** button once to view the next message. The number of the message will scroll by first, a few seconds later the message will follow. Repeat until you come to your desired message.

Creating Messages Using Onboard Programming:

- 1) Press the **switch** button to find the number of the message (1-16) you want to program.
- 2) Press the **input** button once to enter the edit function. The first character will show on the right.
- 3) Scroll to the character you want using the **flash** and **speed** buttons.
 - a. **Flash** scrolls up through the alphabet from A-Z.
 - b. **Speed** scrolls back down from Z-A.
 - c. **Numbers** and **symbols** are located between the **upper and lowercase alphabets**.
 - d. Press the **switch** button once to **add a space**.
 - e. Press the **switch** button for 3 seconds to **delete a character**.
 - f. Press the **speed** button for 3 seconds to quickly **shift from capital to lowercase**.
- 4) Press the **input** button to program the character. Repeat until your message is complete.
- 5) When the message is ready, wait 10 seconds or press the **input** button for 3 seconds to program it in.

Special Notes:

- If at any time your LED Badge says NULL, it means you've scrolled to an empty message. Tap the **switch** button as many times as necessary to find your desired message among the 16 that the LED Badge stores.
- When not using the LED Badge, turn it off to preserve the battery. Your messages will not be erased.
- The LED Badge is mounted using a magnet which enables you to affix it to a variety of items and materials.
- If you have a PACEMAKER or any medical condition affected by magnetic fields, DO NOT wear the LED Badge! For questions, please refer to your physician or medical practitioner.

PowerSmart™ LED Badges

are brought to you by



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