DigitalBadge User's Manual

One: The badge structure illustration:

ON/OFF/ENTER

PAGE UP

PAGE DN

BATTERY

IC1 IC2 IC3 IC4 IC5

IR SENSOR   +   −
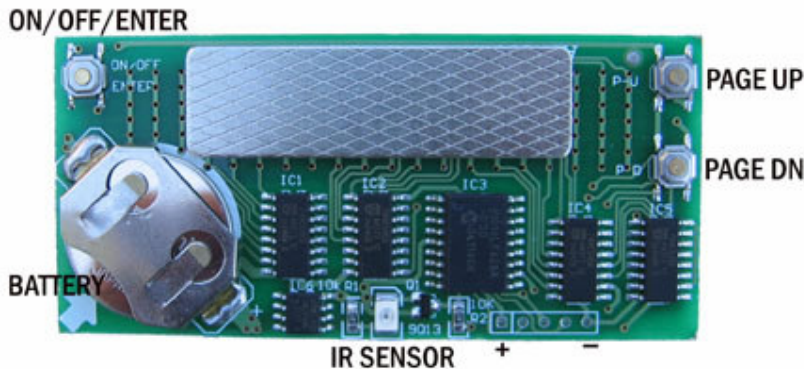
Two: Summarization:

1. Insert the 3V battery into the name badge (the battery seat crust is battery anode) and the **name badge** will begin to operate. Press the " On/Off "key to turn the display on and to turn it off.

2. The badge can store 2056 ASCII characters (6 display messages). You can choose and change the message displayed (1-6) with the buttons on the back of the badge.

3. The badge has a startup message when you insert the **Badge's Battery.**

4. The name badge has two Programming methods: PC Programming and three key-press buttons on the back of the badge.

5. The message brightness and speed can be changed by PC Programming, or by the three key-press buttons on the badge back.

5. When the Display becomes dim or can't display, please change the cr2032 battery. The startup message will show the badge is OK.

Three: The key-press illustration and choice menu:
1. The three key-press function: (refer the structure picture):
    1. Enter (On/Off): Turns the **name badge**'s power on or off．and confirms choices (Enter).
    2. Page Up: begin **name badge** programming．And up search the content.
    3. Page Down: exit **name badge** programming．and down search the content.
2. The controllable functions:
    - ■ SWITCH: Choose the display page (1-6)
    - ■ LUM control: The light control (1-9)
    - ■ Speed control: Moving-right speed control (1-9)
    - ■ Input text: Input the display text and delete all the text for inputting again.

3.Choose the Message to Program:

    1) While the badge is scrolling press the **page_up** key. A number will appear. The number displayed is the current message number. Choose the message (1-6) that needs to be modified by using the Page up or Page down buttons. Press the **"Enter"** key to move to the next Programming Step.
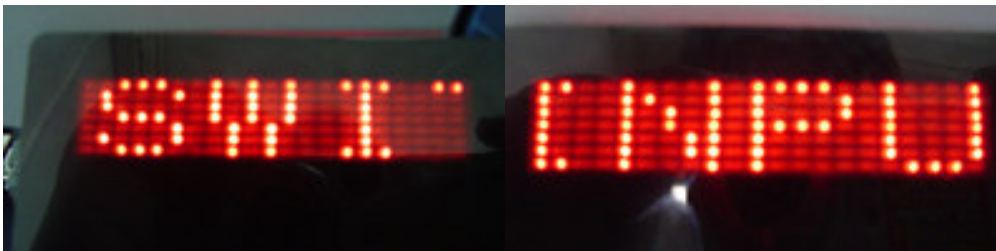

2 is the message selected, press ENTER to begin programming message 2.

If you only want to change the message displayed, press ENTER from Any number.

2) Choose the Function to Modify:

Choose one of these Functions by using the Page up and Page down keys. (SWITCH) changes message displayed, (INPUT) input text, (SPEED) control the scrolling speed, (LUM) control brightness.

    SWITCH MENU   INPUT   MENU

    SPEED MENU   LUM MENU

3) With the Display showing the Function that you wish to change Press the "**Enter**"

key to move to the next Programming Step.。

Four: Using the Functions:

1、   **Selecting the Message to Display:**

- Hit page up. The current message number will be displayed (1-6)
- Hit enter.
- When "**Switch"** Function is displayed, hit enter again
- The badge will still display the current message number. (1-6).
- **Page up** or **Page down** until the message number that you want to display is

shown. Press "**Enter**". The new message number will display twice. (in the middle of the badge and on the right side of the badge.)
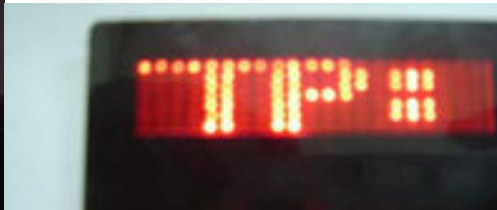
● Exit/Run: Press01 **Page down** for three seconds to exit programming and the new message will begin to scroll. If you wait for 10 seconds, the badge will exit and run automatically.

For example: Display Message 2:

On the SWITCH menu: Press **ENTER**.   **Page Up** or **Page Down** to Message 2.

Press **ENTER** to Select Message 2   Press **Page Down** for 3 seconds to run the Message

LUM Control (Message Brightness)

● Choose the **"LUM"** Function using the instructions on page 3.
● The badge will display current LUM value (1-9). Adjust the value between 1 and 9 by using the Page up or Page down buttons, with 9 being the brightest.
● Press **Enter** to choose the new setting. (The value will display in the center and the right of the display.)

For example: adjust LUM to 6:

First change to LUM menu:

LUM menu   Press ENTER to display the LUM value.

Page Up or Page down to 6   Press ENTER to choose 6

- Exit/Run: Press **Page down** for three seconds to exit programming and the new message will begin to scroll. If you wait for 10 seconds, the badge will exit and run automatically.

Press Page Down for 3 seconds above to run.

2、 SPEED Control
- Choose the **"Speed"** Function using the instructions on page 3.
- The badge will still show the current Speed value (1-9). Adjust the value between 1 and 9 by using the Page up or Page down buttons, with 9 being the fastest.
- Press **Enter** to choose the new setting. (The value will display in the center and the right of the display.)
- Exit/Run: Press **Page down** for three seconds to exit programming and the new message will begin to scroll. If you wait for 10 seconds, the badge will exit and run automatically.

For example: set up the speed 2:

Enter SPEED Function   Press ENTER to display the current speed.

Press Page Down to value 3   Press again Page Down to value 2

Press ENTER to select 2   Press Page Down for 3 seconds to Run.

4、 Text Input

Choose the "**Input"** Function using the instructions on page 3.

These instructions are quite lengthy and will be covered in Section Five.

Five: Text Input (INPUT)

1) Character input: The character for input is displayed on the right side of the badge. Page up or Page down to the character you want to input. When the correct character is displayed press **"Enter"** to input the character.

2) Repeat this step to input each character of your message.

3) To enter a Blank Space: After inputting a character Press "**Enter**" again without changing the character displayed. Each time you press "**Enter**" without changing the letter displayed another blank space will be added.

4) To enter the same letter twice (as in the word spell): Page up or down and then return to the letter that needs to be repeated. Press "**Enter**".

5) Delete a character: When you input the wrong character, press and hold "**Enter**" for three seconds. The display will jump to the left deleting the last character inputted. Release "**Enter**". Continue inputting your message. To delete more characters than one character Press "**Enter**" for 3 seconds and Release as many times as necessary.

6) The ending symbol: When you finish inputting your message the badge will automatically input the ending symbol.

7) Exit/Run: Press **Page Down** for three seconds to exit programming and the new message will begin to scroll. If you wait for 10 seconds, the badge will exit and run automatically.

8) Attention: If you end up in the wrong function of Programming, please don't press the "**Enter**" key. Exit Programming by pressing the **Page Down** key for 3 seconds or just wait 10 seconds to exit automatically. Then try again.

9) Warning: If you pause for 10 seconds while programming the badge will automatically exit programming and run the message.

For example: input AB A (four characters - between AB and A have a blank space)

ENTER the INPUT Function:

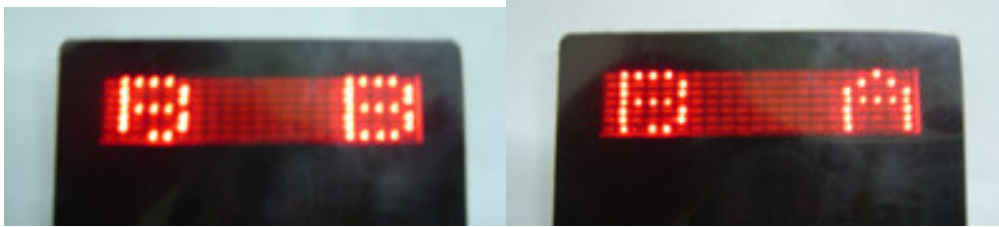The default Character is A   Press ENTER to input A

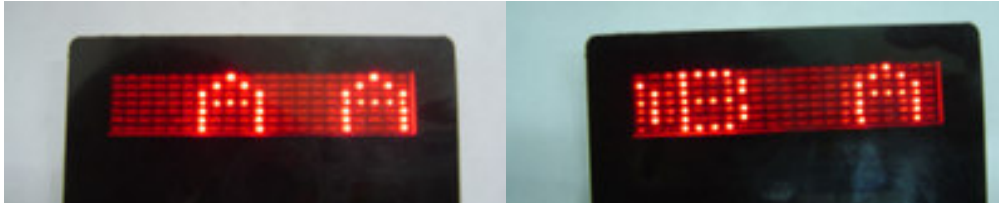Press Page Up to B   Press ENTER to input B
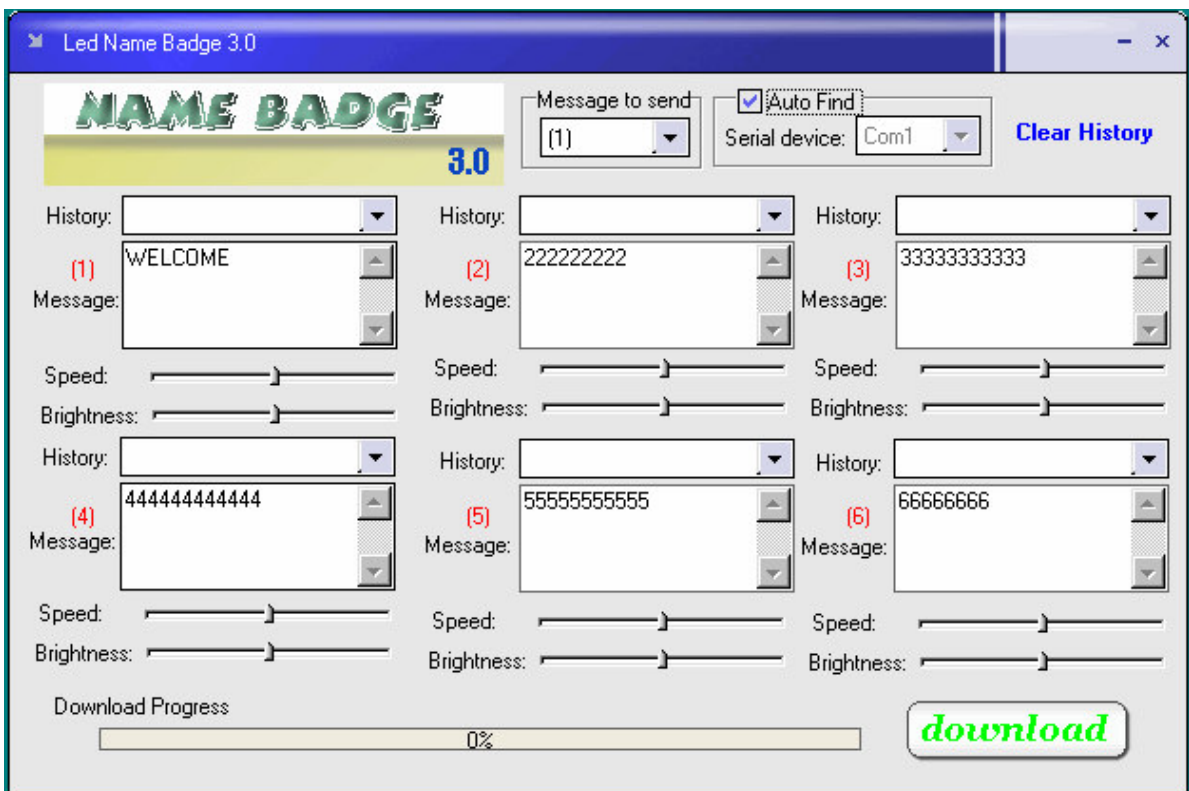
Press ENTER again to input a BLANK Space   Page Down to A

Press ENTER to input A   Press Page Down for 3 seconds to exit and scroll AB A

Six: Input the text by PC remote

1   The Programming Screen is shown above.

2   Clear History: Will clear the history box of old down loaded messages.

3   Message to Send Box: (1-6) choose the message to be downloaded. Each message

     must be downloaded separately. 6 messages requires 6 downloads.

4   Auto Find: Choose it to automatically detect the serial port. If not checked you may select the serial port manually.

5   MESSAGE Boxes (1—6): Type your messages in the boxes.

(Attention: you can download 1 or 2 messages of up to 512 characters each, or up to 6 messages of up to 256 character each).

6   BRIGHTNESS: Adjust brightness - right is dimmest, left is brightest.

7   SPEED: For the speed adjustment - left is slow, right is fast.

8   DOWNLOAD: Sending button: downloads the current setup and text.

9   DOWNLOAD PROCESS: Download process display window.

Attention: The badge is programmed by Infrared. The Infrared Transmitter should be lined up with the Infrared Receiver. Keep distance 1 to 2 inches.

IR receiver

IR transmitter
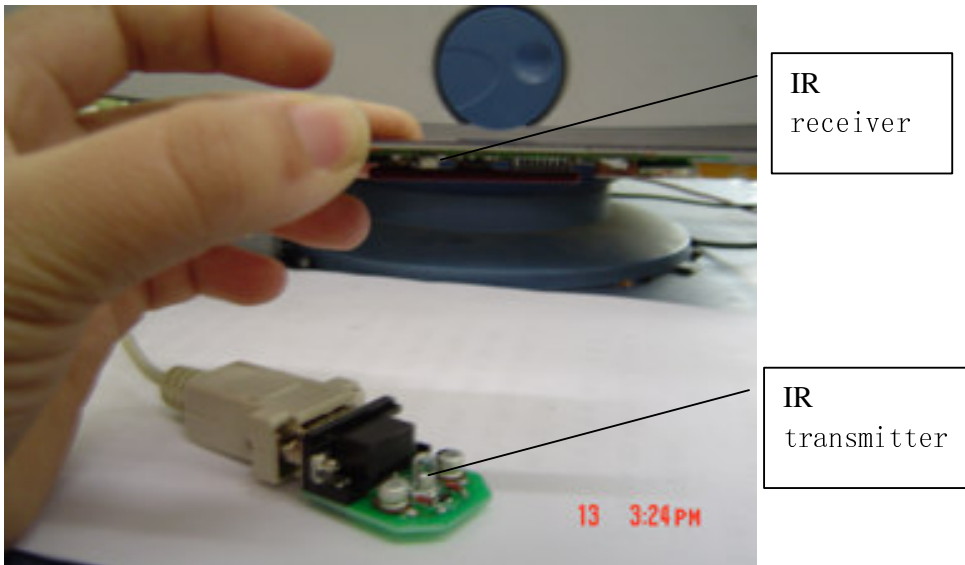
Note: Light will interfere with the programming download. Please dim the lights and shield the badge while downloading. If the message download was unsuccessful, please download again.

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