

# Setting up LED Sign

## Software Required

1. PDT3P 7.9 or later version
2. LED Configuration manager 4.7 or later version
3. Firmware ( ROM file) “PsrV7.9.rom” or later version

## Step 1

### Upgrading PSR

1. Run PDT3P version 7.9 or later
2. Go into top menu in ES → Upgrade
3. Select the Rom file that came with PDT3P (*example : PsrV7.9.rom*)

## Step 2

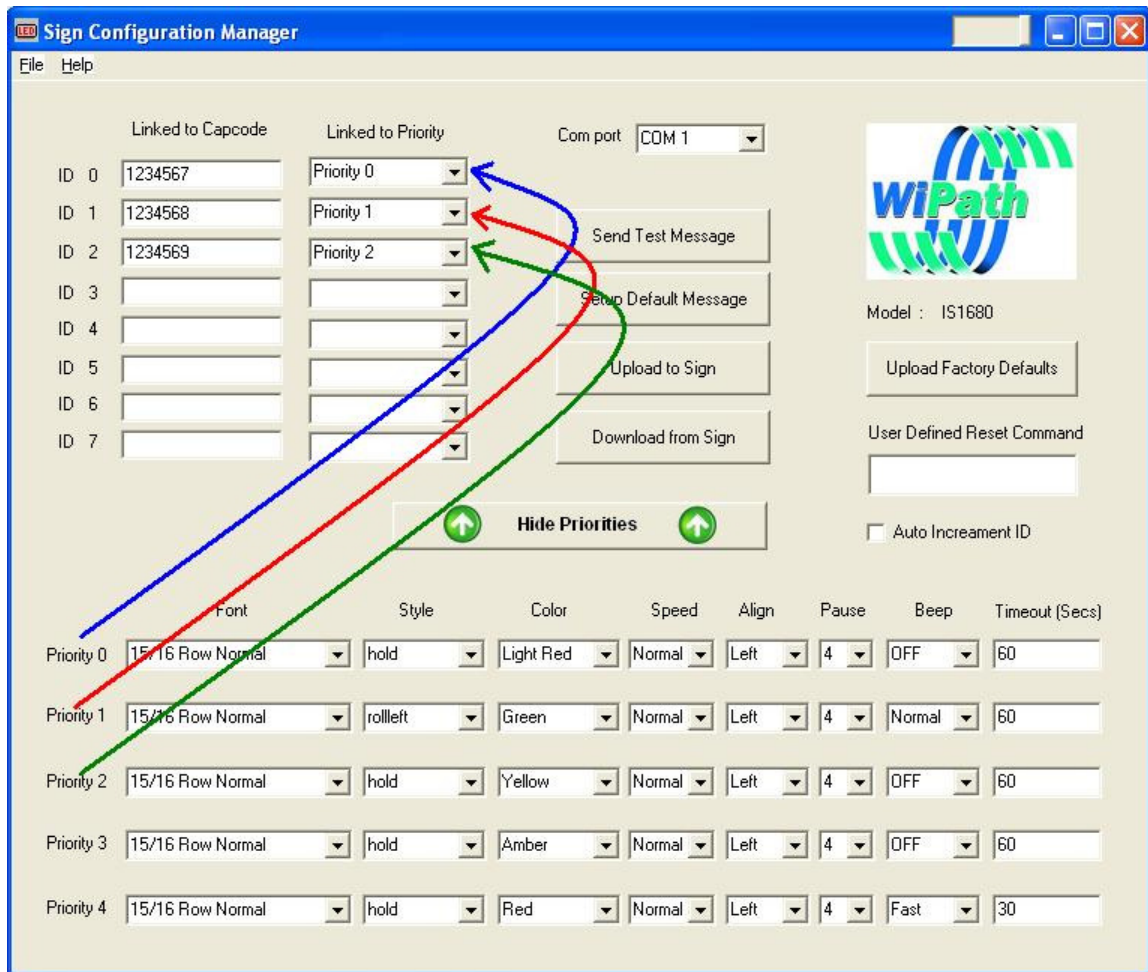
### Configuring PSR

1. Go to Top menu in File → Comport & check if com port is selected correctly
2. Click “Download from pager” button and wait for the PDT3P window to refresh  
(*You will hear a beep when PDT3P reads the PSR*)
3. To setup Cap codes Click on “Cap codes” button, a window will open up
  - To **add a Cap code** Click on “New” button
  - Type the new Cap code in cap code text box
  - Make sure “output to serial 1” is ticked
  - Select Type as Numeric if the sign is used for numbers only  
(*Serial formats “LED Oporto” & LED Cinema are numeric protocols*)
  - Select Type as Alpha if the sign is used for Text and Numbers  
(*Serial formats “LED Wipath”, “LED DA510” & “NursePage DA510” are Alpha numeric protocols*)
  - Repeat above steps to add more cap codes
  - Click OK to come back to the main window
4. Click on “**Serial Options**” in the main window
  - In “Serial Format” list , Select “LED Wipath”
  - Select Stop “two”
  - Leave all other settings as it is
  - Click OK to come back to main window
5. Click on “**Frequency + Notes**” button
  - Type in Frequency (*example: 450.3250*)
  - In “Format Output” choose the second option “Remove Ctrl Char”
  - Leave all other settings as it is
  - Click OK to come back to the main window
6. Click “Upload to Pager” button to upload all changes

### **Step 3**

#### **Configuring the LED sign**

1. Run “LEDConfig4.7.exe” or later version. It will search for LED sign wait for it.
2. When LED sign is found it will expand and show settings
  - In case the auto search could not find the sign. Select the correct comport and click “Download from Sign” button.
  - If the software still could not read the sign click “Upload Factory Defaults” button wait for a little while and then click “Download from Sign” again.
3. **Setting Up a Simple Message**
  - Set all the Parameters of “Priority 0” like Font, Style, Color etc
  - Click “Send Test Message” button, a window will open
  - Write a message in the “Test Message” text box. If you want to add time select the time format and click “Insert Time” button
  - Click “Send Message to Sign”
  - Click Exit to come back to main window
  - Now This is the default settings for any incoming messages (*unless the incoming message comes with its own parameters like color, font etc*)
4. **Setting Up Default Message**
  - Default message is the message that will come up on the sign when the sign is Idle; it is like a screen saver. Click on “Setup Default Message” button, a window will open
  - Write a message in the “Default Message” text box at the top
  - Change Font, Color and other parameters according to your need
  - If you want to add time select Time format and click “Insert Time” button
  - Click “Upload to Sign” button and you are done
  - Click “Exit” to come back to main window
5. **Linking a Cap code to a Priority**
  - If you want messages coming from different cap codes to have different color, font and other settings you can link cap codes to different priorities.
  - Setup any priority from “Priority 0” to “Priority 3” for color, font etc
  - On the top left corner of the main window, write the cap code you want to link under “Link to Cap code” heading in front of “ID 0” and select a priority from the list in front of it to which you want to link cap code to.
  - Repeat the above setup to add more cap codes
  - See the diagram below for better understanding



Messages from cap code 1234567 will get ID 1, Color, Font etc settings done in Priority 0  
 Messages from cap code 1234568 will get ID 1, Color, Font etc settings done in Priority 1  
 Messages from cap code 1234569 will get ID 1, Color, Font etc settings done in Priority 2

## 6. Saving/Loading Settings from file

- To save all the settings you have done in file click on top menu File→ Save, select location and type in a File name.
- To open up a file Click on top menu File→Open, Select location and file.

## Priorities

Priorities 0 to 4 are simply a set of predefined parameters for text messages. For example if the sign simply gets a text message without any commands it will use priority 0 font, color, speed etc settings to display the message. Priority 0 to 3 is same level priorities (i.e. priority 3 will not over ride priority 1 or lower priorities).

Priority 4 is made for emergency purpose and it will override all messages of lower priorities. E.g. If there are 3 messages of priority 1 , 2 & 3 on screen and priority 4 message comes in the sign will stop displaying messages of priority 0, 1, 2, 3 and only display priority 4 messages. The sign will start displaying priority 0, 1, 2, & 3 messages when priority 4 messages times out.

## **“MSCOMM32.OCX” ERROR**

1. Extract the attached "MSCOMM32.OCX" on your desktop
2. Click Start button on Desktop
3. Click Run
4. Click Browse and browse to "mscomm32.ocx" on your desktop, complete path of mscomm32.ocx will appear in run windows in inverted commas
5. Add "regsvr32 " in front of it so it will become something like the following (include inverted commas).

```
regsvr32 "C:\Documents and Settings\USER\Desktop\mscomm\MSCOMM32.OCX"
```

6. Now click OK

A window should come up confirming mscomm registration

## **“COMDLG32.OCX” ERROR**

1. Extract the attached "COMDLG32.OCX" on your desktop
2. Click Start button on Desktop
3. Click Run
4. Click Browse and browse to "COMDLG32.OCX" on your desktop, complete path of COMDLG32.OCX will appear in run windows in inverted commas
5. Add "regsvr32" in front of it so it will become something like the following (include inverted commas).

```
regsvr32 "C:\Documents and Settings\USER\Desktop\mscomm\ COMDLG32.OCX"
```

6. Now click OK

A window should come up confirming comdlg registration