



PD – 6x07 Customer Display Utility Tool

User's Manual

Rev. : Original

FCC Notes:

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with limits for a Class A digital device pursuant to subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures to correct the interference.

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Warranty terminates automatically when any person other than the authorized technicians opens the machine. The user should consult his/her dealer for the problem happened. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

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GRAPHICS DISPLAY TOOL FOR PD SERIES

ABOUT THE TOOL

The PD-6X07 customer display utility tool is designed to handle image and character reproduction on a specific customer display device: image display processing fundamentals, character settings, system parameters and advanced configuration. **Before a formal startup, a virtual COM port is required to enable, then a serial port is available. The AP using RS232 port can enable COM port protocol by installing available USB virtual COM port driver.** This utility tool provides end user an alternative to present an optimal visual output.

FEATURES

- Idiot-proofing UI functionality
- Smart display control
- Accessible UI for intended output
- Configurable start-up notification screen
- Resizable image and character setting function
- Scrolling text marquee
- Screen saver

FUNCTIONAL GUIDE

Posiflex customer display utility tool offers a complete, user-friendly and accessible interface for user to easily configure optimized settings. The following explanations are basic main menu items you may find when you operate on a utility tool.

Note: For minimal system requirements of PD6x07 utility tool, A virtual COM port is required for enabling in a Windows-based environment before a formal startup as follows:

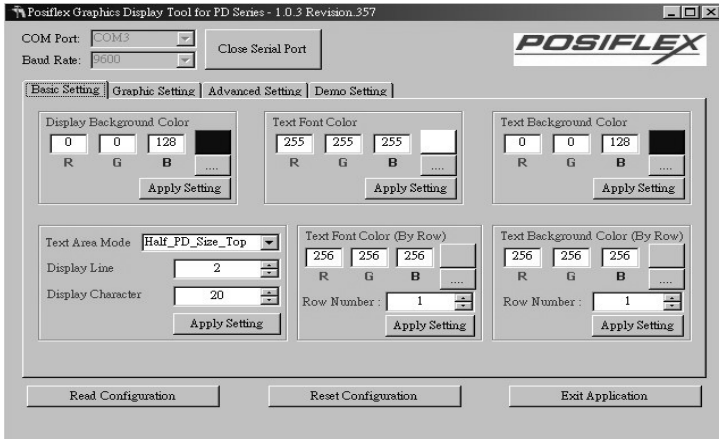


The screenshot shows a graphical user interface for configuring a serial port. It features two dropdown menus: 'COM Port' set to 'COM3' and 'Baud Rate' set to '9600'. To the right of these settings is a button labeled 'Open Serial Port'.

The virtual COM port has closely tied configuration with user's customized PC hardware configuration in a Device Manager in Control Panel in a Windows-Based environment.

Basic Setting

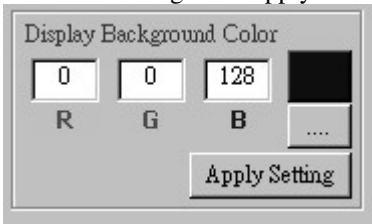
The **Basic Setting** tool window is intended for configuring font and background, as well as display line and character count.



3 main parts are categorized for Basic Setting: **Display Background Color, Text Font Color, Text Background Color Calibration**

1) Display Background Color

This **Display Background Color** enables user to customize color settings then apply settings.



Note: By entering a customized number set individually in the above 3 blank spaces on a form, a color display is shown accordingly.

Text Area Mode

This sub-menu enables user to customize PD font color, line color and available line number.

Text Area Mode: Half_PD_Size_Top

Display Line: 2

Display Character: 20

Apply Setting

Text Area Mode: set text area mode (Full_PD_Size, Half_PD_Size_Top, Half_PD_Size_Down, Half_PD_Size_Right, Half_PD_Size_Left)

Display Line: set available line number (max. 12)

Display Character: set available character number (max. 40)

2) Text Font Color / (By Row)

This **Text Font Color** enables user to configure text color .

Text Font Color

R: 255 G: 255 B: 255

Apply Setting

This **Text Font Color** enables user to configure text default color by row.

Text Font Color (By Row)

R: 256 G: 256 B: 256

Row Number: 1

Apply Setting

Note: To enable **Text Font Color (By Row)** function, the

Display Area Mode has corresponding number in line with **Row Number**.

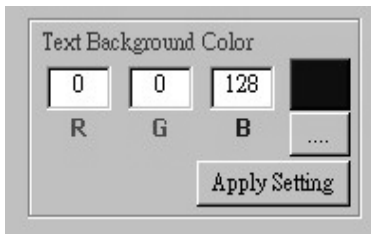
- 1) Set display line number (max. 12, row number voids if more than a max line count.)
- 2) Select the preferred color in a palette
- 3) Set the bounded row number no more than a display line number shown
- 4) Apply Setting then display on a device by sending text on a **Demo Setting** panel



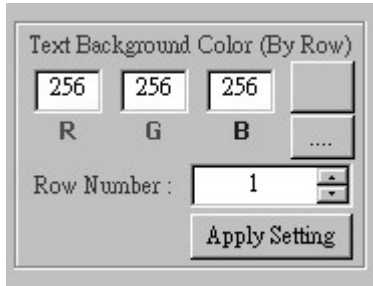
- 5) Cancel a certain Text color line and set a default R.G.B value each for 256 to display a contrasted Text Color.

3) **Text Background Color / (By Row)**

The **Text Background Color** enables user to configure text background settings.



The **Text Background Color** enables user to configure default ext background color by row.



Note: To enable **Text Background Color (By Row)** function,

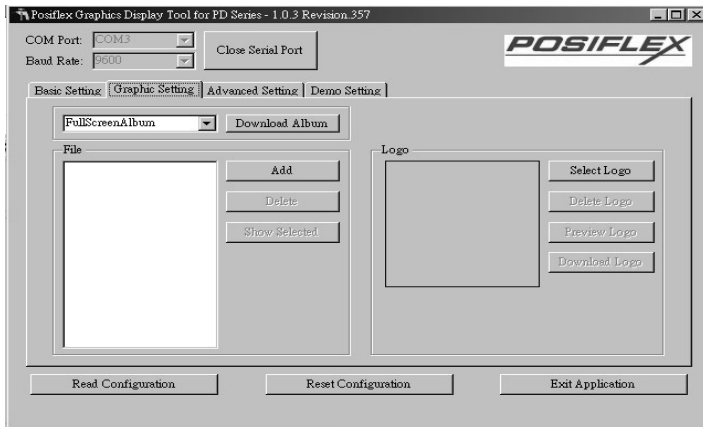
- 1) Set display line number (max. 12, rownumber voids if more than a max line count.)
- 2) Select the preferred color in a palette
- 3) Set the bounded row number no more than a display line number shown
- 4) Apply Setting then display on a device by sending text on a **Demo Setting** panel



- 5) Cancel a certain Back Color line and set a default R.G.B value each for 256 to display a contrasted Text Back Color.

Graphic Setting

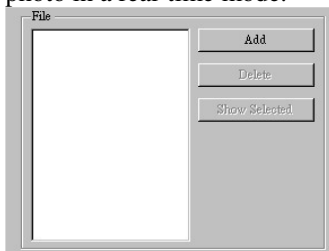
The **Graphic Setting** tool window is designed to assist user in configuring available photo on a customer display device.



This sub menu enables user to capture, apply then display available photo on a specific customer display while immediately displaying available photo on a device or enabling a startup.

General Photo Display Configuration

The **General Photo Display Configuration** enables a user to display photo in a real-time mode.

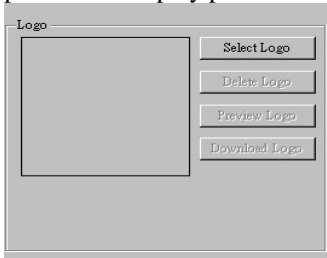


- 1) Select from pull-down menu: **PosterAlbum** or **FullscreenAlbum**
- 2) Press +/- key to **Add** or **Delete** photo
- 3) Select **DownloadAlbum** to store all the desired photos

Note: **PosterAlbum** option is designed for real-time photo display on a **Product Picture Slide Show** sub-menu in **Advanced Setting**; **FullscreenAlbum** for screen saver on a **Screen Saver**.

Start-up Screen Photo Display Configuration

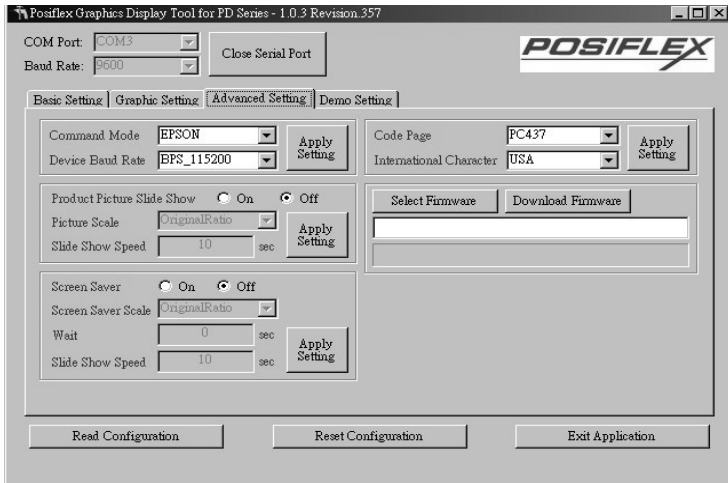
The **Start-up Screen Photo Display Configuration** enables a user to preview or display photo on an entry screen while enabling a startup.



- 1) Select Logo => Download Logo => Preview Logo

Advanced Setting

The **Advanced Setting** function is designed to facilitate the overall PD display performance.



1) Proprietary Device Setting

Select the desired maker for a specific command mode and customize a device baud rate.

Command Mode	EPSON
Device Baud Rate	BPS_115200

2) Product Picture Scale Mode

Product Picture Slide Show	<input checked="" type="radio"/> On <input type="radio"/> Off
Picture Scale	OriginalRatio
Slide Show Speed	10 sec
Apply Setting	

Product Picture Slide Show: On/Off

Picture Scale: Original Ration / Fill Graphic Area

Slide Show Speed: Customized/ no limit

3) Screen Saver Mode

Screen Saver	<input type="radio"/> On <input checked="" type="radio"/> Off
Screen Saver Scale	OriginalRatio
Wait	0 sec
Slide Show Speed	10 sec
Apply Setting	

Screen Saver: On/Off

Screen Saver Scale: Original Ration or FullScreen

Wait: Customized / No limit

Slide Show Speed: Customized / No limit

4) Code Page Mode

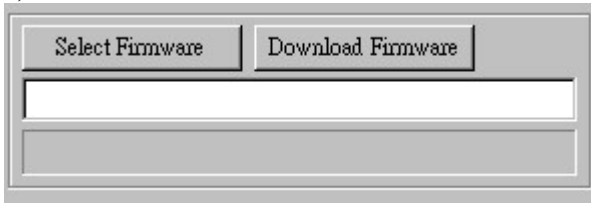
Code Page	PC437
International Character	USA
Apply Setting	

Code Page: PC 437, KATAKANA, PC_850 Western_Euro,
PC_860 Portuguese, PC_863_Canadian_French,

PC_865_Nordic, PC_866_Cyrillic2, PC_864_Arabic,
PC_858_Euro, PC_737_Greek, W1257_Baltic,
W1253_Greek, Maxium

International Character: USA, France, Germany, England,
Denmark_1, Sweden, Italy, Spain,
Japan, Norway, Denmark_2, Croatia

5) Firmware Download/Select

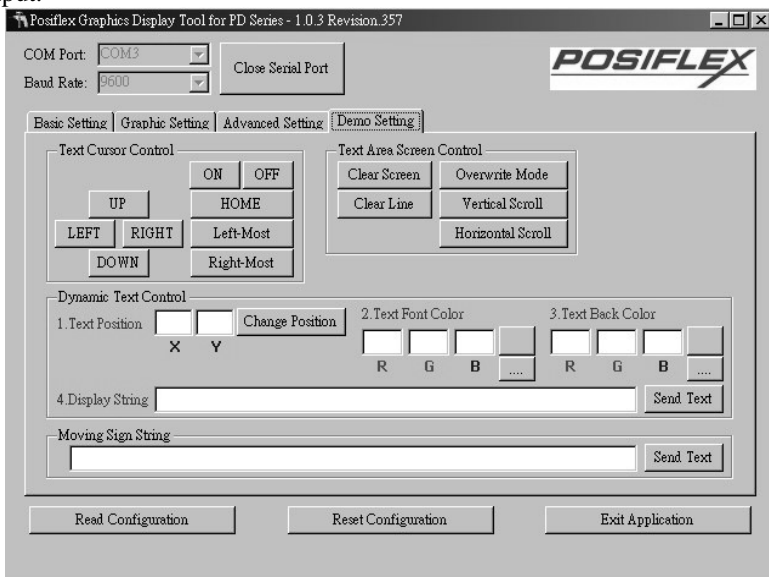


Select Firmware: select a located firmware

Download Firmware: download a located firmware for
automatic upgrade

Demo Setting

This **Demo Setting** tool is designed to help calibrate text item for optimal output.



1) Text Cursor Control

This TextCursor Control tool is designed to help locate cursor on a customer display device.



UP: move cursor upward

Down: move cursor downward

Left: move cursor to the left side

Right: move cursor to the right side

On: cursor on

Off: cursor off

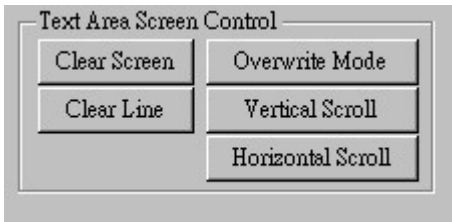
Home: move cursor to the home side

Left-Most: move cursor to the leftmost side

Right-Most: move cursor to the rightmost side

2) Text Area Screen Control

This Text Area Screen Control is designed to help calibrate screen settings.



Clear Screen: clear off screen display message

Clear Line: clear off line display message

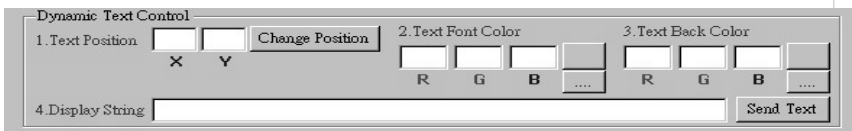
Overwrite Mode: overwrite original text string with a newly appended text string in the beginning line if cursor moves in the bottom line end.

Vertical Scroll: delete the text string in the beginning line, a newly appended text string displays in the beginning area of a bottom line with each one line up text string, if cursor moves in the bottom line end.

Horizontal Scroll: a newly appended text string displays in the end line, squeeze out the leftmost text string in the end line and leave unchanged for the rest lines, if cursor moves in the bottom line end.

3) **Dynamic Text Control**

This Dynamic Text Control is used to help manage position, color and string settings.

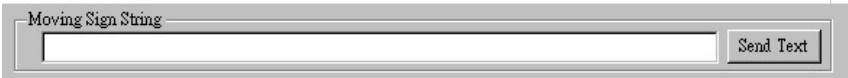


Text Position: move cursor anywhere no more than a maximum row and line customized limit

Text Font Color: select the desired text font color in a palette

Text Back Color: select the desired text background color in a palette

Display String: type, send and display the desired still text



Scrolling Text String: type, send and display the desired scrolling text

