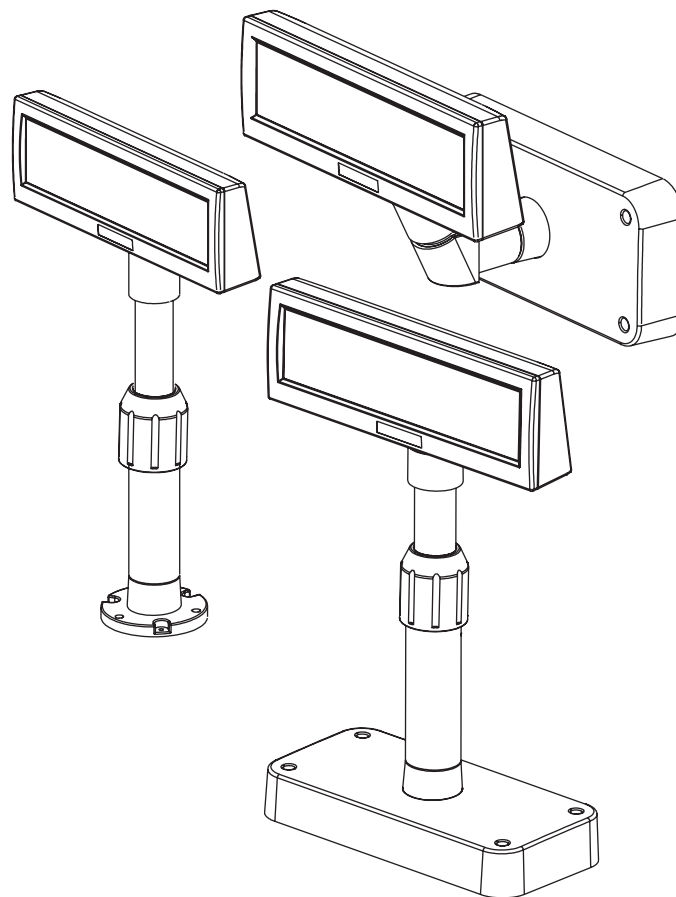




Virtual Memory Switch Manager Manual Customer Display

Rev. 2.03

**BCD-1000
BCD-1100**



<http://www.bixolon.com>

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1. Manual Information

The purpose of this manual is to provide information on the operation and usage instructions of the Virtual Memory Switch Manager Utility for the BIXOLON Customer Display.

2. User environment

2-1 Operating System

Following operating systems are supported for usage.

Microsoft Windows 98
Microsoft Windows ME
Microsoft Windows 2000
Microsoft Windows XP
Microsoft Windows 2003 Server
Microsoft Windows Embedded For Point Of Service
Microsoft Windows Vista

2-2 Interface

Use of this Utility is supported on the following Interface.

Serial (RS-232)
USB (using Virtual COM)

3. Ready to VMSM

VMSM is included in the enclosed CD, and Latest file versions can be downloaded from the BIXOLON website.

www.bixolon.com

The Name of Execute File is "BCD_VMSM(V1.x.x).exe".

Jumper 2 (JP2) must be set correctly depending on the situation whether a printer is connected to the display or not. If a printer is connected (data path through mode) Jumper 2 (JP2) must be set as follows: bridged 1>2 and 4>5. If no printer is connected (single mode) Jumper 2 (JP2) must be set as follows: bridged 2>3 and 5>6.

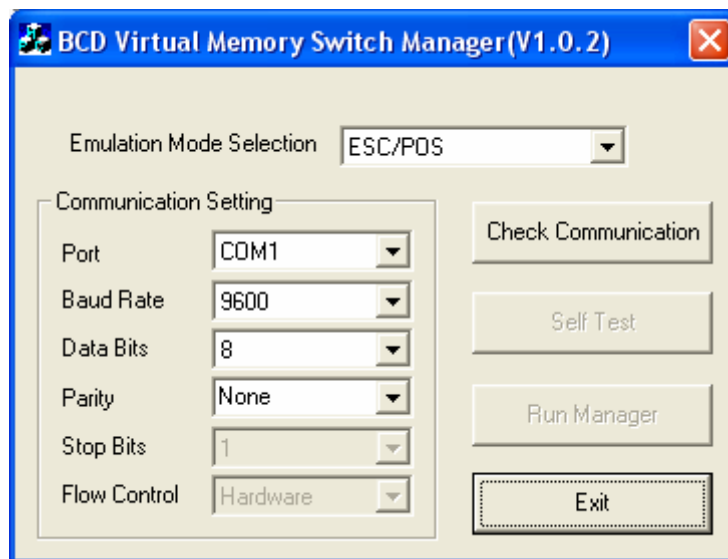
Brücke 2 (JP2) muß entsprechend zur verwendeten Anschlußkonfiguration gesetzt werden. Ist ein Drucker angeschlossen (Datendurchgang), so muß JP2 auf 1>2 und 4>5 gebrückt sein. Ist kein Drucker angeschlossen (kein Datendurchgang) so muß JP2 auf 2>3 und 5>6 gebrückt sein.

4. Usage of VMSM

4-1 Communication Setting of the Customer Display

To use the VMSM (Virtual Memory Switch Manager), It is necessary to set the status of communication between Printer and PC.

- 1) Run the “BCD_VMSM(V1.x.x).exe” file.
- 2) Upon initiation of the program, the following pop-up window will appear.

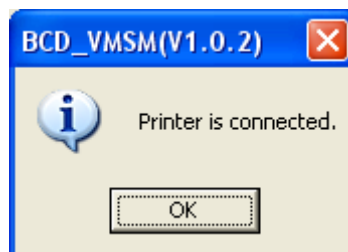


- 3) Select the port of the connected Customer Display and Emulation Mode.

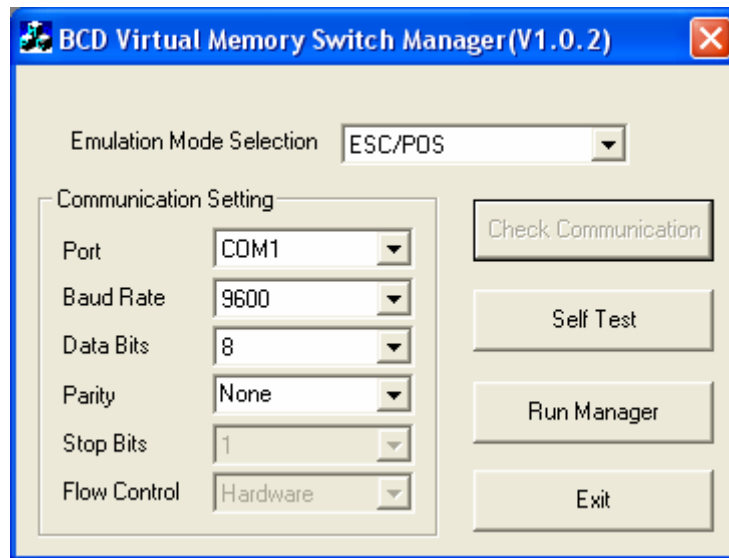
In the Communication Setting, match the communication setting (COM Port Number and Baud Rate) to those of the Printer.

- 4) Click the “Check Communication” button, and Check the Current Communication Status.

If there is no problem between PC and Printer, the following message will appear.



- 5) When there is not any communication trouble, the Self test button and the Run manager button will be activated.

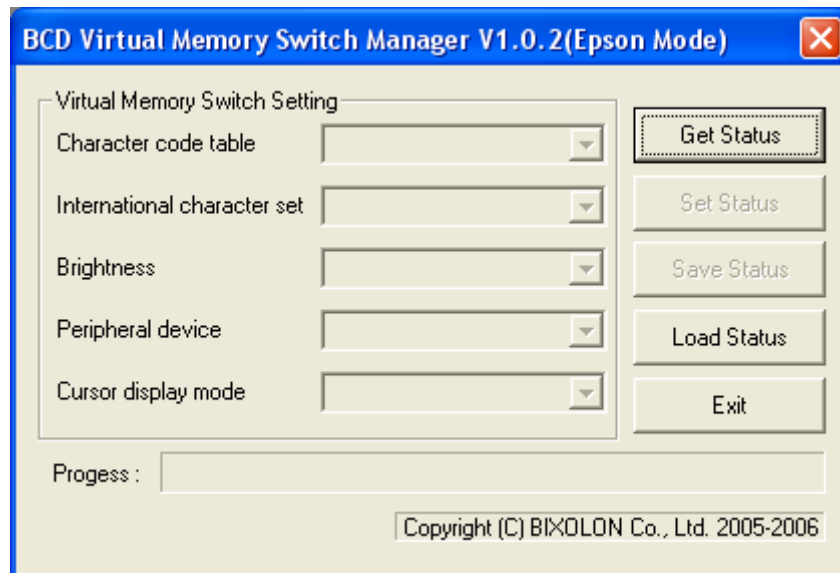


[Self Test]: Pressing this button displays the Self Test Page.

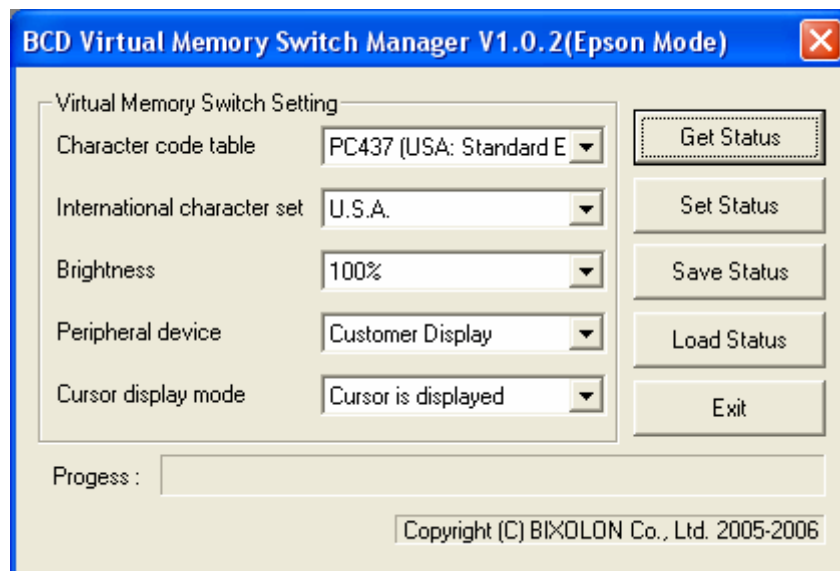
[Run Manager]: Pressing this button opens a window for memory switch settings of the Customer Display

4-2 Getting the Memory Switch Status of the Customer Display

- 1) If the Communication Setting is OK, click the “Run Manager” button.
- 2) Click the “Get Status” button. It gets the status of the Display Setting.



- 3) The Memory Switch Manager window shows the current memory switch setting of the customer display and allows setting up the status.

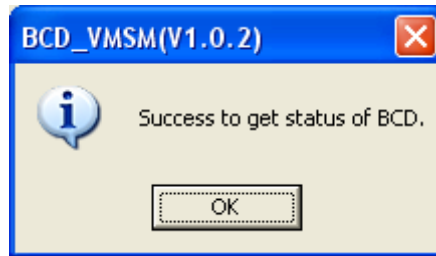


4-3 Setting the memory switch status of the Customer Display

After getting the memory switch status of the Customer Display, the status of the Display can be modified.

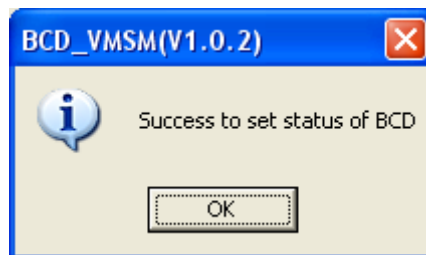
1) "Get Status"

Pressing this button displays the current memory switch settings read from the customer display. The following message appears if the switch settings are acquired normally.



2) "Set Status"

Pressing this button allows the user to designate switch settings of the customer display. The following message appears if the settings are appropriately defined.



3) "Save Status"

Pressing this button saves the current memory switch settings to file.

4) "Load Status"

Pressing this button loads and displays the previously-saved memory switch settings file.