4247 Printer
Models 001, 002 with Twinaxial Attachment

IBM

Quick Reference Guide

Configuration Menu Selection Chart

CATEGORIES	PARAMETERS / VALUES			
Configuration Storage	**Save Current Values**		**Recall Custom Set Values**	**Power-On Custom Set**

	Custom Set A Custom Set E
	Custom Set B Custom Set F
	Custom Set C Custom Set G
	Custom Set D Custom Set H
			Custom Set A Custom Set E
			Custom Set B Custom Set F
			Custom Set C Custom Set G
			Custom Set D Custom Set H
				* Last Used Custom Set E
				  Custom Set A Custom Set F
				  Custom Set B Custom Set G
				  Custom Set C Custom Set H
				  Custom Set D

	Power-On Paper Source		**Recall Factory Defaults**	

	* Front Bin 3
	  Rear Manual
	  Bin 1 Last Used
	  Bin 2
			Yes	

Attachment	* Twinax Parallel			

Rear Tractor Use	* Push
	  Pull
	  Push-Pull			

Twinax Configuration

Characters per Inch (CPI)	Lines per Inch (LPI)	Maximum Print Position (MPP)	Maximum Page Length (MPL)	

* 10
  12
  15
  16.7
	* 6
	  8
		* 132
		  001 – 136 (at 10 CPI)
		         163 (at 12 CPI)
		         204 (at 15 CPI)
		         227 (at 16.7 CPI)
			* 066
			  001 – 660 (at 6 LPI)
			         880 (at 8 LPI)	

Print Quality	**Print Language**	**Printer Address**	**Data Stream** (IPDS installed)	

* DP Quality
  DP Text Quality
  Near Letter Quality
	37 USA/Canada
	    ↑↓
	* 500 International 5/
	    Belgian New
	    ↑↓
	  1122 Estonian
		* 000
		  ↑↓
		  006
			* IPDS
			  SCS	

Emulation Mode	**Media Size Priority** (IPDS only)	**Bar Code Mode** (IPDS only)	**Graphics Mode** (IPDS only)	**Alarm Control**

* 4247
  4224 (IPDS only)
  4230
  4214 (SCS only)
	Standard
	*Alternate
		* High
		  Low
		  Computer Selected
			* High
			  Low
			  Computer Selected
				* Enabled
				  Disabled

Parallel Configuration

Characters per Inch (CPI)	Lines per Inch (LPI)	Maximum Print Position (MPP)	Maximum Page Length (MPL)

* 10
  12
  15
  16.7
  17.1
  20
	* 6
	  8
		* 136
		  001 – 136 (at 10 CPI)
		         163 (at 12 CPI)
		         204 (at 15 CPI)
		         227 (at 16.7 CPI)
		         233 (at 17.1 CPI)
		         272 (at 20 CPI)
			* 066
			  001 – 660 (at 6 LPI)
			         880 (at 8 LPI)

Emulation Mode	**Print Language****	**Print Language*****	**Print Quality****

* 4247
  2381 Personal Printer
  4202 Proprinter III XL
  Epson-FX
	* 437 PC
	  ↑↓
	  1251 Cyrillic Windows
		* 0 USA
		  ↑↓
		  1251 Cyrillic Windows
			* DP Quality
			  DP Text Quality
			  Near Letter Quality
			  OCR-A
			  OCR-B

Print Quality***	**NLQ Typeface****	**Character Set**	

* DP Quality
  Courier
  Gothic
  OCR-A
  OCR-B
	* Courier
	  Gothic
		* PC1
		  PC2
		  Italics (Epson only)	

*   Manufacturing Default
**   When Emulation Mode is set to 4247, 4202 III XL, or 2381 Personal Printer
***   When Emulation Mode is set to Epson-FX

CATEGORIES	PARAMETERS / VALUES			
Parallel Configuration (Continued)	**Printer Compatibility 3 Automatic LF on CR †**	**Printer Compatibility 4** Automatic CR on LF	**Printer Compatibility 5** Form Feed Suppression	**Printer Compatibility 6 Init †**
	Enabled * Disabled	Enabled * Disabled	Enabled * Disabled	* Enabled Disabled
	Printer Compatibility 7 Condensed Print	**Printer Compatibility 8 Slashed Zero †**	**Printer Compatibility 9** 20 CPI	
	15 16.7 * 17.1	Enabled * Disabled	* Enabled Disabled	
	Alarm Control	**Interface Type**	**Input Buffer Size**	**Select-In Signal*****
	* Enabled Disabled	* PC Parallel 1284 Parallel	256 2K 12K * 32K 64K	* Enabled Disabled
	AutoFeed XT***			
	Enabled * Disabled			
Printer Setup	**Paper Source**	**ASF Default Bin**	**ASF Bin 1 Media**	**ASF Bin Linking**
	* Front Rear Bin 1 Bin 2 Bin 3 Manual	* Bin 1 Bin 2 Bin 3	* Paper Envelope	* Disabled Bin 1+2 Bin 1+2+3 Bin 2+3
	Front Forms Backup	**Rear Forms Backup**	**Continuous Forms Linking**	**Form Feed Mode**
	* Enabled Disabled	* Enabled Disabled	Enabled * Disabled	* Not Active in Ready State Active in Ready State
	Automatic Eject	**Automatic Restore**	**Continuous Forms Eject Mode**	**Manual Paper Overlay**
	Enabled * Disabled	* Disabled Data Timer (10 seconds) Timer (20 seconds) Timer (30 seconds) Timer (40 seconds) Timer (50 seconds)	* Immediate Eject Delayed Eject	Enabled * Disabled
	Automatic Manual Load	**Manual Feed Eject Mode**	**Bar Code Print Direction**	**Graphics Print Direction**
	* Enabled Disabled	* Top of Form Automatic Top of Form	Bidirectional * Unidirectional	Bidirectional * Unidirectional
	Perforation Safety	**Jam Sensors**		
	Enabled * Disabled	* Enabled Disabled		

*   Manufacturing Default
**   When Emulation Mode is set to 4247, 4202 III XL, or 2381 Personal Printer
*** When Emulation Mode is set to Epson-FX
†   When Emulation Mode is set to Epson-FX, only Compatibility Options 3, 6, and 8 are available

CATEGORIES	PARAMETERS / VALUES			
Printer Adjustment	**Front AFTA**	**Front Tear Position**	**Front Left Margin Alignment**	**Front Paper Load Position**

	`* 0`
	`-5 to +3`
	`Fixed 1 to 8`
		`* 0`
		`-312 to +24`
			`* 10`
			`0 to 60`
				`* 0`
				`-24 to +288`

	Rear AFTA	**Rear Tear Position**	**Rear Left Margin Alignment**	**Rear Paper Load Position**

	`* 0`
	`-5 to +3`
	`Fixed 1 to 8`
		`* 0`
		`-312 to +24`
			`* 10`
			`0 to 60`
				`* 0`
				`-24 to +288`

	ASF Bin 1 AFTA	**ASF Bin 1 Left Margin Alignment**	**ASF Bin 1 Paper Load Position**	**ASF Bin 2 AFTA**

	`* 0`
	`-5 to +3`
	`Fixed 1 to 8`
		`* 10`
		`0 to 60`
			`* 0`
			`-24 to +576`
				`* 0`
				`-5 to +3`
				`Fixed 1 to 8`

	ASF Bin 2 Left Margin Alignment	**ASF Bin 2 Paper Load Position**	**ASF Bin 3 AFTA**	**ASF Bin 3 Left Margin Alignment**

	`* 10`
	`0 to 60`
		`* 0`
		`-24 to +576`
			`* 0`
			`-5 to +3`
			`Fixed 1 to 8`
				`* 10`
				`0 to 60`

	ASF Bin 3 Paper Load Position	**Manual Feed AFTA**	**Manual Feed Left Margin Alignment**	**Manual Feed Paper Load Position**

	`* 0`
	`-24 to +576`
		`* 0`
		`-5 to +3`
		`Fixed 1 to 8`
			`* 10`
			`0 to 60`
				`* 0`
				`-24 to +576`

Power On Reset	`Yes`			

Display Language	`* 000 English`
	`  ↑↓`
	`  010 Suomi`			

Vital Product Data	**Serial Number**		**Device Specific Information**	
	`XXXXXXX`		`XXXXXXXXXXXXXXXX`	
Quit from Menu	`Restore Previous Values`			

*   Manufacturing Default

Changing a Value on the Configuration Menu

1. Press **Stop**. The printer becomes *not ready.*

2. Press **Menu** to display the CONFIGURATION MENU on the operator panel display.

3. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Category you want.

4. Press **Enter** to select that Category.

5. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Parameter you want.

6. Press **Enter** to select that Parameter.

7. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Value you want.

8. Press **Enter** to select a new Value. An asterisk (*) appears to indicate the new current Value.

9. To return to the CONFIGURATION MENU, press **Return** to return to the Parameter level, and then press **Return** again.

10. To save changes to a Custom Set, return to the CONFIGURATION MENU. Select Configuration Storage. Select Save Current Values. Select a Custom Set.

11. To return the printer to *ready* from any level, press **Start**.

Custom Set in Use Indicator

```
READY                                              <X>
```

The current custom set in use is displayed in parentheses <X>.

Where <X> can be:

A   (Custom Set A in use)
C   (Custom Set C in use)
B   (Custom Set B in use)
D   (Custom Set D in use).
E   (Custom Set E in use)
F   (Custom Set F in use)
G   (Custom Set G in use).
H   (Custom Set H in use).

If a change was made in the Configuration Menu and not saved in a custom set, then the change is static and a **blank** < > is displayed in the parentheses.

Operator Print Tests

TEST	DESCRIPTION
Quick Reference	Print pages to show operator panel keys and configuration menu.
Printer Demonstration	Print pages showing available highlighting, print speeds, print qualities, text placements, and bar codes.
Printer Configuration	Print page showing current values for printer parameters.
Firmware Information	Print page to verify code version in your printer.
Printer Adjustments	Set and verify current adjustment parameters for the printer.

Key Description

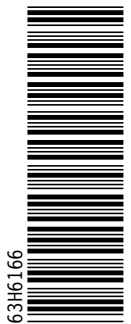| KEY LABEL	DESCRIPTION
Menu	Enter the CONFIGURATION MENU.
Quiet	Reduces the printer noise level and the throughput of the printer.
Micro ↑ Scroll ↑	Move the form up 1/144 of an inch, or view the previous Menu item.
Micro ↓ Scroll ↓	Move the form down 1/144 of an inch, or view the next Menu item.
Enter	Select the current Menu item, or begin a Test.
Display Address Return	Display the current printer address, or return to the previous Menu level.
Hex Print	Put the printer in Hex Print mode.
Park/ Path	Moves continuous forms out of the print area in Front Push, Rear Push, and Push-Pull modes, ejects the continuous forms in Rear Pull mode, or ejects cut-sheet forms in ASF or Manual Sheet modes, or selects the paper path.
Line Feed	Advance the form one print line, as defined by the current Lines Per Inch (LPI) setting.
Load/ Eject	Load form to the top of form position, eject form to the tear-off position, or eject the last form.
Form Feed	Advance the form to the next top of form position. (Not active for ASF and Manual Sheet modes)
Set Top of Form	Set the top of form position to the current location on the form. (Not active for ASF and Manual Sheet modes)
Start	Change the display from NOT READY to READY, exit the CONFIGURATION MENU, or begin a Test.
Stop	Change the display from READY to NOT READY, clear errors, turn off the alarm, or stop a Test.
Cancel Print	Send a Cancel Request to the host computer or stop a Test and return to READY.
Test	Enter the OPERATOR PRINT TESTS menu.

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