

Pi4700e

PCL/PJL Specification

PCL/PJL Options-Command List

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The Tables are feature support tables that show which printer commands are supported by the controller Pi4700e.
For monochrome printers, Minolta fully support the PCL5e language, as defined in the „PCL 5 Printer Language Technical Reference Manual“ from Hewlett-Packard.

PCL Command List

Table 1 **Copies**

Function	Command	Description
01-99	ESC &I#X	#-number of copies

Table 2 **Duplex**

Function	Command	Description
Duplex off	ESC &I0S	Please notify it is not possible to change this function inside a printjob
Long Edge	ESC &I1S	
Short Edge	ESC &I2S	

Table 3 **Input Tray**

Function	Command	Description
Auto	ESC &I7H	Reflect to default paper tray settings in copier mode
Tray 1	ESC &I4H	
Tray 2	ESC &I1H	
Tray 3	ESC &I5H	
Tray 4	ESC &I20H	
Tray 5	ESC &I21H	
Manual Feed	ESC &I2H	
LCC	ESC &I30H	Large Capacity Cassette (C 306)

Table 4 **Output Tray**

Function	Command	Description
Top output bin	ESC &I1G	
Elevator tray	ESC &I11G	
Top offset tray	ESC &I10G	Left output bin
Mailbin 1	ESC &I101G	
Mailbin 2	ESC &I102G	
Mailbin 3	ESC &I103G	
Mailbin 4	ESC &I104G	
Mailbin 5	ESC &I105G	

Table 5 **Orientation**

Function	Command	Description
Portrait	ESC &I00	
Landscape	ESC &I10	

Table 6 **Page Size**

Function	Command	Description
Executive	ESC &I1A	
Letter	ESC &I2A	
Legal	ESC &I13A	
Ledger	ESC &I16A	
US-Invoice	ESC &I7A	
A6	ESC &I24A	
A5	ESC &I25A	
A4	ESC &I26A	
A3	ESC &I27A	
JIS B6	ESC &I44A	
JIS B5	ESC &I45A	
JIS B4	ESC &I46A	

Table 6 **Symbol Set**

Function	Command	Description
ISO 60	ESC(#	Norwegian
ISO 4	ESC(1E	United Kingdom
Windows 3.1	ESC(9E	Latin 2
ISO 69	ESC(1F	French
ISO 21	ESC(1G	German
ISO 11	ESC(0S	Swedish
Roman 8	ESC(8U	
PC-8	ESC(10U	
PC-850	ESC(12U	
ISO 8859-2	ESC(2N	Latin 2
ISO 8859-9	ESC(5N	Latin 5
ISO 8859-10	ESC(6N	Latin 6

PJL Command List

Table 1
Resolution

<i>Command</i>	<i>Description</i>
@PJL SET RESOLUTION=###	Standard 600 DPI

Table 2
Paper Size

<i>Command</i>	<i>Description</i>
@PJL SET PAPER=A3	A3
@PJL SET PAPER=B4	B4
@PJL SET PAPER=A4	A4
@PJL SET PAPER=B5	B5
@PJL SET PAPER=A5	A5
@PJL SET PAPER=B6	B6
@PJL SET PAPER=A6	A6
@PJL SET PAPER=INVOICE	INVOICE
@PJL SET PAPER=LETTER	LETTER
@PJL SET PAPER=LEGAL	LEGAL
@PJL SET PAPER=OPTION	11x14
@PJL SET PAPER=LEDGER	LEDGER
@PJL SET PAPER=EXECUTIVE	EXECUTIVE
@PJL SET PAPER=FLS1	FLS1
@PJL SET PAPER=FLS2	FLS2
@PJL SET PAPER=FLS3	FLS3
@PJL SET PAPER=FLS4	FLS4

Table 3
Paper Direction

<i>Command</i>	<i>Description</i>
@PJL SET ORIENTATION=PORTRAIT	
@PJL SET ORIENTATION=LANDSCAPE	

Table 4
Paper Selection

<i>Command</i>	<i>Description</i>
@PJL SET MEDIASOURCE=AUTO	APS
@PJL SET MEDIASOURCE=TRAY1	1st Cassette
@PJL SET MEDIASOURCE=TRAY2	2nd Cassette
@PJL SET MEDIASOURCE=TRAY3	3rd Cassette
@PJL SET MEDIASOURCE=TRAY4	4th Cassette
@PJL SET MEDIASOURCE=TRAY5	5th Cassette
@PJL SET MEDIASOURCE=LCC	Larger Capacity Cassette (C-306)
@PJL SET MEDIASOURCE=MULTI	Manual Bypass

Table 5**Print Type**

<i>Command</i>	<i>Description</i>
@PJL SET DUPLEX=OFF	Single Sided
@PJL SET DUPLEX=ON	Duplex (Please refer to table 6)

Table 6**Print Type**

<i>Command</i>	<i>Description</i>
@PJL SET BINDING=LONGEDGE	This command needs DUPLEX=ON
@PJL SET BINDING=SHORTEDGE	This command needs DUPLEX=ON

Table 7**Booklet**

<i>Command</i>	<i>Description</i>
@PJL SET MAGAZINEFORM=ON	Yes; This command don't reduce the image
@PJL SET MAGAZINEFORM=OFF	No

Table 8**Department Code**

<i>Command</i>	<i>Description</i>
@PJL SET GROUPCODE="####"	Parameter 0001 – 1000

Table 9**Confidential Print (Lock Job)**

<i>Command</i>	<i>Description</i>
@PJL SET MPTRAYS="####"	Parameter e.g. 1234 ="abcd"

Table 10**User Name**

<i>Command</i>	<i>Description</i>
@PJL SET USRNAME="#####"	Max.8 letters, default Windows Login user name

Table 11**Sort Mode**

<i>Command</i>	<i>Description</i>
@PJL SET SORTING=NONE	Non-Sort
@PJL SET SORTING=SORT	Sort
@PJL SET SORTING=GROUP	Group

Table 12**Exit Tray Designation**

<i>Command</i>	<i>Description</i>
@PJL SET OUTBIN=UPPER	Top output bin
@PJL SET OUTBIN=OUTBIN2 ~ OUTBIN6	Mail Bin 1-5
@PJL SET OUTBIN=OUTBIN1	Left Output Bin
@PJL SET OUTBIN=ELEVATOR	Elevator tray

Table 13**Staple**

<i>Command</i>	<i>Description</i>
@PJL SET FINISH=STAPLE	Please notify, for this function you need the command @PJL SET SORTING=SORT
@PJL SET FINISH=CENTER	Centre staple
@PJL SET FINISH=LONGEDGE	2 staple at longedge. Please notify, for this function you need the command @PJL SET SORTING=SORT
@PJL SET FINISH=SHORTEDGE	2 staple at shortedge. Please notify, for this function you need the command @PJL SET SORTING=SORT

Table 14**Folding**

<i>Command</i>	<i>Description</i>
@PJL SET FOLDING=CREASE	Crease fold
@PJL SET FOLDING=HALFFOLD	Half fold
@PJL SET FOLDING=ZFOLD	Z-fold

Table 15**Hole Punch**

<i>Command</i>	<i>Description</i>
@PJL SET PUNCH=NONE	No
@PJL SET PUNCH=LONGEDGE	Long Edge
@PJL SET PUNCH=SHORTEDGE	Short Edge

Table 16**OHP Interleaving**

<i>Command</i>	<i>Description</i>
Go to OHP Interleaving (2)	Yes
@PJL SET OHPMODE=NONE	No
@PJL SET OHPMODE=BLANK	Yes
@PJL SET OHPMODE=PRINT	No

Table 17**OHP Paper Setting**

<i>Command</i>	<i>Description</i>
@PJL SET OHPTRAY=MULTI	Manual Bypass
@PJL SET OHPTRAY=TRAY1	1st Cassette

Table 18**Inserting Paper Designation**

<i>Command</i>	<i>Description</i>
@PJL SET OHPOPTRAY=TRAY1	1st Cassette
@PJL SET OHPOPTRAY=TRAY2	2nd Cassette
@PJL SET OHPOPTRAY=TRAY3	3rd Cassette
@PJL SET OHPOPTRAY=TRAY4	4th Cassette
@PJL SET OHPOPTRAY=TRAY5	5th Cassette
@PJL SET OHPOPTRAY=LCC	Large Capacity Cassette

Table 19**Numbering**

<i>Command</i>	<i>Description</i>
Go to Numbering Page	Yes
@PJL SET CONTINUOUSMODE=NONE	No
@PJL SET CONTINUOUSMODE=HEADER	1st Page Only
@PJL SET CONTINUOUSMODE=ALL	All pages

Table 20**Image Density**

<i>Command</i>	<i>Description</i>
@PJL SET CONTINUOUSDENSITY=NORMAL	Normal
@PJL SET CONTINUOUSDENSITY=DARKER	Dark
@PJL SET CONTINUOUSDENSITY=LIGHTER	Light

Table 21**Starting No.**

<i>Command</i>	<i>Description</i>
@PJL SET CONTINUOUSNUMBER=###	Parameter 0001 – 9999

Table 22**Cover Mode**

<i>Command</i>	<i>Description</i>
Go to Cover Mode (2)	Yes
@PJL SET COVERMODE=OFF	No
@PJL SET COVERMODE=PRINT	Yes
@PJL SET COVERMODE=BLANK	No

Table 23**Back Cover**

<i>Command</i>	<i>Description</i>
@PJL SET BACKCOVER=ON	Yes
@PJL SET BACKCOVER=OFF	No

Table 24**Cover Paper Designation**

<i>Command</i>	<i>Description</i>
@PJL SET COVERTRAY=TRAY1	1st Cassette
@PJL SET COVERTRAY=TRAY2	2nd Cassette
@PJL SET COVERTRAY=TRAY3	3rd Cassette
@PJL SET COVERTRAY=TRAY4	4th Cassette
@PJL SET COVERTRAY=TRAY5	5th Cassette
@PJL SET COVERTRAY=LCC	Large Capacity Cassette

Default PJL commands

Table 25
Default Symbol Set

<i>Command</i>	<i>Description</i>
@PJL DEFAULT LPARM : PCL SYMSET = #####	ROMAN8 ISO69 PC850 PC852 PC8

Table 26
Default PCL Settings (Page Layout)

<i>Command</i>	<i>Description</i>
@PJL DEFAULT FORMLINES = ##	Lines per page (Form Length)
@PJL DEFAULT LPARM : PCL PITCH = ##	Pitch size
@PJL DEFAULT LPARM : PCL PTSIZE = ##	Point size
@PJL DEFAULT LPARM : PCL FONTNUMBER = ##	Font number valid value (0-44)

Table 27
Default Paper handling

<i>Command</i>	<i>Description</i>
@PJL DEFAULT ORIENTATION = PORTRAIT	Orientation
@PJL DEFAULT ORIENTATION = LANDSCAPE	
@PJL DEFAULT PAPER = ##	A6 A5 A4 A3 LETTER