# T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn, X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP

## Technical Reference

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May 2009

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# Introduction

## Overview

This edition of the *Technical Reference* contains information about the following printers or multifunction printers (MFPs):

T650n/dn/dtn
T652n/dn/dtn
T654n/dn/dtn
X651 MFP
X652 MFP
X654 MFP
X656 MFP
X658 MFP

## Understanding letters after model numbers

Some Lexmark printers may have one or more letters after the model name to indicate printer features:

| Acronym | Meaning |
|---|---|
| d | duplex[1] |
| de | duplex and e-Task (electronic task) touch-screen interface |
| dfe | duplex, finisher/stapler, and e-Task touch-screen interface |
| dhe | duplex, high-capacity drawer, and e-Task touch-screen interface |
| dhn | duplex, high-capacity drawer, and network |
| dme | duplex, mailbox, and e-Task touch-screen interface |
| dn | duplex and network |
| dnf | duplex, network, and finisher/stapler |
| dnw or dw | duplex, network, and wireless |
| dt | duplex and additional tray[2] |
| dte | duplex, additional tray, and e-Task touch-screen interface |
| dtn | duplex, additional tray, and network |
| dttn | duplex, tandem tray module, and network |
| dtwe | duplex, additional tray, wireless, and e-Task touch-screen interface |
| e | e-Task touch-screen interface |

[1] Duplex printing (two-sided printing) accomplished by means of an optional duplex unit or an internal duplex unit based on the product.

[2] The additional tray is part of a drawer.

| Acronym | Meaning |
| --- | --- |
| hdn | hard disk, duplex, and network |
| n | network |
| nl | network light model |
| ni | network and ImageQuick |
| tn | network and additional tray |

[1] Duplex printing (two-sided printing) accomplished by means of an optional duplex unit or an internal duplex unit based on the product.

[2] The additional tray is part of a drawer.

# Learning about the printer

## Finding information about the printer

### *Setup* information

| Description | Where to find |
|---|---|
| The *Setup* information gives you instructions for setting up the printer. Follow the set of instructions for local, network, or wireless, depending on what you need. | You can find the *Setup* information on the inside of the printer box or on the Lexmark Web site at **www.lexmark.com**. |

### Help

| Description | Where to find |
|---|---|
| The Help gives you instructions for using the software. | While in any Lexmark software program, click **Help**, **Tips** ➞ **Help**, or **Help** ➞ **Help Topics**. |

### Customer support

| Description | Where to find (North America) | Where to find (rest of world) |
|---|---|---|
| **Telephone support** | Call us at<br>• US: 1-800-332-4120<br>Monday–Friday (8:00 AM–11:00 PM ET)<br>Saturday (Noon–6:00 PM ET)<br>• Canada: 1-800-539-6275<br>Monday–Friday (8:00 AM–11:00 PM ET)<br>Saturday (Noon–6:00 PM ET)<br>• Mexico: 001-888-377-0063<br>Monday–Friday (8:00 AM–8:00 PM ET)<br>**Note:** Telephone numbers and support times may change without notice. For the most recent telephone numbers available, see the printed warranty statement that came with your printer. | Telephone numbers and support hours vary by country or region.<br>Visit our Web site at **www.lexmark.com**. Select a country or region, and then select the Customer Support link.<br>**Note:** For additional information about contacting Lexmark, see the printed warranty that came with your printer. |
| **E-mail support** | For e-mail support, visit our Web site: **www.lexmark.com**.<br>**1** Click **SUPPORT**.<br>**2** Click **Technical Support**.<br>**3** Select your printer type.<br>**4** Select your printer model.<br>**5** From the Support Tools section, click **e-Mail Support**.<br>**6** Complete the form, and then click **Submit Request**. | E-mail support varies by country or region, and may not be available in some instances.<br>Visit our Web site at **www.lexmark.com**. Select a country or region, and then select the Customer Support link.<br>**Note:** For additional information about contacting Lexmark, see the printed warranty that came with your printer. |

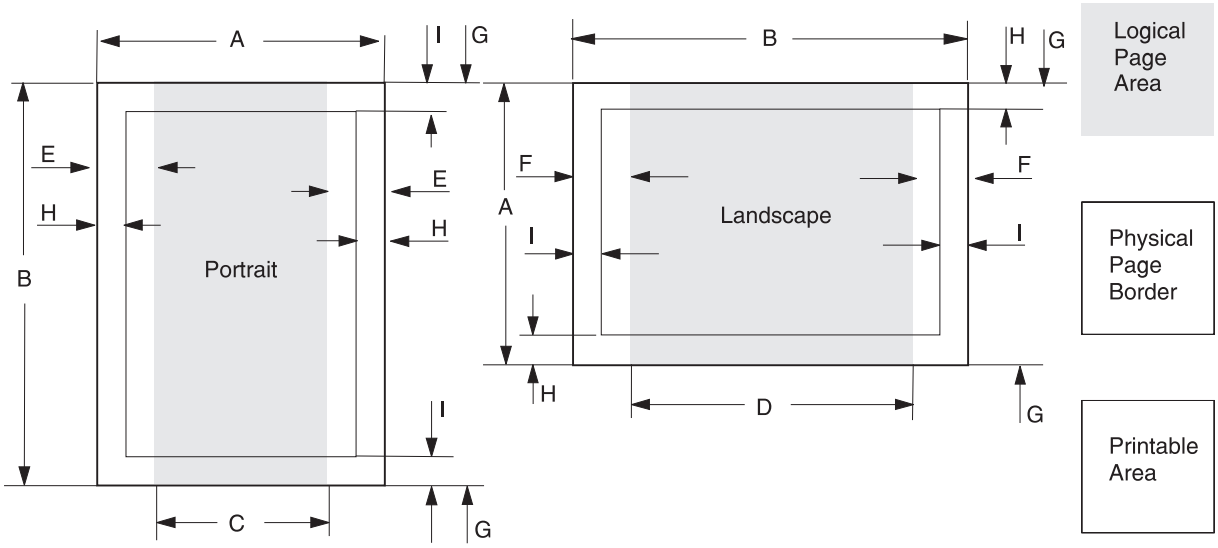
# Printer Control Language (PCL) page formatting

For more information on PCL, refer to the *Printer Languages and Interfaces Technical Reference*. It contains a complete listing with descriptions of PCL commands.

To determine which PCL commands your printer supports, see "Appendix A: PCL support" on page 24.

## Printable areas

The printable areas and logical pages for PCL emulation (both portrait and landscape orientation) are illustrated below. See the legend that follows for definitions of areas **A** through **I**.




| Legend: | |
|---|---|
| **A** | Portrait physical page width and landscape physical page length |
| **B** | Portrait physical page length and landscape physical page width |
| **C** | Portrait logical page width |
| **D** | Landscape logical page width |
| **E** | Distance between the side edge of the physical page and the logical page in portrait |
| **F** | Distance between the side edge of the physical page and the logical page in landscape |
| **G** | Distance between the top and bottom edge of the physical page and logical page |
| **H** | Distance between the left and right edge of the physical page and the printable area in portrait, or distance between the top and bottom edge of the physical page and printable area in landscape |

| Legend: | |
|---|---|
| I | Distance between the top and bottom edge of the physical page and the printable area in portrait, or distance between the left and right edge of the physical page and the printable area in landscape |

**Note:** The tables that follow in this chapter list the page sizes and dimensions of each area labeled on the preceding diagram for all paper and envelope sizes your printer supports.

# Supported paper and envelope dimensions

The following table lists the page sizes and print area dimensions for all supported paper and envelope sizes. For more information about the printable areas and logical pages for PCL emulation, see "Printable areas" on page 8.

| Selection | | Paper/envelope dimensions | | Dimensions by area (pels)[1] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Page size parameters [2] | Name | mm | inches | A | B | C | D | E | F | G | H | I |
| **Paper** | | | | | | | | | | | | |
| 13, 613 | A5 | 148 x 210 | 5.83 x 8.27 | 3496 | 4960 | 3196 | 4720 | 142 | 118 | 0 | 100 | 100 |
| 12, 45, 612 | JIS B5 Paper | 182 x 257 | 7.2 x 10.1 | 4300 | 6070 | 4000 | 5830 | 150 | 120 | 0 | 100 | 100 |
| 26, 626 | A4 (198 mm)[3] | 210 x 297 | 8.3 x 11.7 | 4960 | 7014 | 4676 | 6778 | 142 | 118 | 0 | 80 | 100 |
| 26, 626 | A4 (203 mm)[3] | 210 x 297 | 8.3 x 11.7 | 4960 | 7014 | 4800 | 6778 | 80 | 118 | 0 | 80 | 100 |
| 24 | A6 | 148 x 105 | 5.8 x 4.1 | 2480 | 3496 | 2199 | 3260 | 142 | 118 | 0 | 100 | 100 |
| 1, 601 | Executive | 184 x 267 | 7.25 x 10.5 | 4350 | 6300 | 4050 | 6060 | 150 | 120 | 0 | 100 | 100 |
| 2, 602 | Letter | 216 x 279 | 8.5 x 11 | 5100 | 6600 | 4800 | 6360 | 150 | 120 | 0 | 100 | 100 |
| 3, 603 | Legal | 216 x 356 | 8.5 x 14 | 5100 | 8400 | 4800 | 8160 | 150 | 120 | 0 | 100 | 100 |
| 4 or 10 | Folio | 216 x 330 | 8.5 x 13 | 5100 | 7800 | 4800 | 7560 | 150 | 120 | 0 | 100 | 100 |
| 15 | Statement | 139.7 x 215.9 | 5.5 x 8.5 | 3300 | 5100 | 3000 | 4860 | 150 | 120 | 0 | 100 | 100 |
| 101 | Universal | 216 x 356 | 8.5 x 14 | 1800–5100[4] | 1800–8502[4] | 1500–4800[4] | 1500–8262[4] | 150 | 120 | 0 | 100 | 100 |

[1] Pel dimensions are for 600 dpi.

[2] Page Size Parameters are explained in the Page Control table in the PCL chapter in the *Printer Language and Interfaces Technical Reference*.

[3] The width of the logical page for A4 paper can be changed from the printer control panel or your software application.

[4] For the Universal paper size, the area dimensions are listed in pel ranges.

[5] Paper ID 99 will be supported for backward compatibility with other Lexmark printers. Paper ID 99 has the same logical paper size as ID 100 (compatible with HP LaserJet 5Si/5SiMx) but is 8 pels wider than the Lexmark 4039.

**Note:** The explanation of the printable area assumes the Print Area menu item is set to Normal. For more information, see "Print Area Menu Item" in the PCL chapter in the *Printer Language and Interfaces Technical Reference*.

| Selection | | Paper/envelope dimensions | | Dimensions by area (pels)[1] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Page size parameters [2] | Name | mm | inches | A | B | C | D | E | F | G | H | I |
| 300 | Oficio (Mexico) | 216 x 340 | 8.5 x 13.4 | 5100 | 8040 | 4800 | 7800 | 150 | 120 | 0 | 100 | 100 |
| **Envelope** | | | | | | | | | | | | |
| 90 | DL | 220 x 110 | 8.66 x 4.33 | 2598 | 5196 | 2314 | 4960 | 142 | 118 | 0 | 100 | 100 |
| 91 | C5 | 229 x 162 | 9.02 x 6.38 | 3826 | 5408 | 3542 | 5172 | 142 | 118 | 0 | 100 | 100 |
| 99[5], 100 | B5 Envelope | 250 x 176 | 9.84 x 6.93 | 4156 | 5904 | 3872 | 5668 | 142 | 118 | 0 | 100 | 100 |
| 600 | Other Envelope | 216 x 356 | 8.5 x 14 | 5100 | 8400 | 4800 | 8160 | 150 | 120 | 0 | 100 | 100 |
| 89 | 9 (Com 9) | 225 x 98 | 8.875 x 3.875 | 2324 | 5324 | 2024 | 5084 | 150 | 120 | 0 | 100 | 100 |
| 81 | 10 (Com 10) | 241 x 105 | 9.5 x 4.125 | 2474 | 5700 | 2174 | 5460 | 150 | 120 | 0 | 100 | 100 |
| 80 | 7 3/4 (Monarch) | 98 x 191 | 3.875 x 7.5 | 2324 | 4500 | 2024 | 4260 | 150 | 120 | 0 | 100 | 100 |

[1] Pel dimensions are for 600 dpi.

[2] Page Size Parameters are explained in the Page Control table in the PCL chapter in the *Printer Language and Interfaces Technical Reference*.

[3] The width of the logical page for A4 paper can be changed from the printer control panel or your software application.

[4] For the Universal paper size, the area dimensions are listed in pel ranges.

[5] Paper ID 99 will be supported for backward compatibility with other Lexmark printers. Paper ID 99 has the same logical paper size as ID 100 (compatible with HP LaserJet 5Si/5SiMx) but is 8 pels wider than the Lexmark 4039.

**Note:** The explanation of the printable area assumes the Print Area menu item is set to Normal. For more information, see "Print Area Menu Item" in the PCL chapter in the *Printer Language and Interfaces Technical Reference*.

# Printer Job Language (PJL)

## PJL commands information

Your printer supports complete PJL commands, including certain commands that cause the printer to enter PCL emulation, PostScript emulation, and Personal Printer Data Stream (PPDS).

For a complete listing with descriptions of PJL commands, see the *Printer Languages and Interfaces Technical Reference*.

To determine which commands your printer supports, see "Appendix B: PJL support" on page 34.

# PostScript (PS) emulation

Your printer supports complete PostScript emulation supplemental operators. For full descriptions in detail for these operators, refer to the PostScript emulation chapter in the Printer Languages and Interfaces Technical Reference.

To determine which commands your printer supports, see "Appendix C: PostScript support" on page 77.

## Paper sizes supported

| ✓ = Supported<br>X = Not supported<br>Paper sizes | | | | | Printer models | |
|---|---|---|---|---|---|---|
| **Size** | **Literal name** | **Size (mm)** | **Size (inches)** | **Size (points)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Letter | letter | 215.9 x 279.4 | 8.5 x 11.0 | 612 x 792 | ✓ | ✓ |
| Legal | legal | 215.9 x 355.6 | 8.5 x 14.0 | 612 x 1008 | ✓ | ✓ |
| JIS B5 | b5* | 182.0 x 257.0 | 7.2 x 10.1 | 516 x 729 | ✓ | ✓ |
| A4 | a4 | 210.0 x 297.0 | 8.3 x 11.7 | 595 x 842 | ✓ | ✓ |
| Executive | executivepage | 184.2 x 266.7 | 7.25 x 10.5 | 522 x 756 | ✓ | ✓ |
| A5 | a5 | 148.0 x 210.0 | 5.83 x 8.27 | 419 x 595 | ✓ | ✓ |
| Oficio | oficio | 215.9 x 340.4 | 8.5 x 13.4 | 612 x 965 (Lexmark unique size)<br>612 x 972 (official Postscript size) | ✓ | ✓ |
| Folio | folio | 215.9 x 330.2 | 8.5 x 13.0 | 612 x 936 | ✓ | ✓ |
| Statement | statement | 139.7 x 215.9 | 5.5 x 8.5 | 396 x 612 | ✓ | ✓ |
| A6 | a6 | 105.0 x 148.0 | 4.13 x 5.83 | 297 x 419 | ✓ | ✓ |
| Universal | universal | 216 x 356 | 8.5 x 14 | 612 x 1008 | ✓ | ✓ |
| Custom | custom | 215.9 x 355.6 | 8.5 x 14.0 | 612 x 1020 | ✓ | ✓ |
| Custom | custom | 297 x 431.8 | 11.7 x 17 | 842 x 1224 | X | X |
| Custom | custom | 320 x 559 | 12.6 x 22 | 908 x 1584 | X | X |

* This is a Japanese Industry Standard (JIS) paper size. The same named designation is used by JIS and International Standards Organization (ISO) for different paper sizes.

| √ = Supported<br>X = Not supported<br>Paper sizes | | | | | Printer models | |
|---|---|---|---|---|---|---|
| **Size** | **Literal name** | **Size (mm)** | **Size (inches)** | **Size (points)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Custom | custom | 297 x 914 | 11.7 x 36 | 842 x 2592 | **X** | **X** |
| * This is a Japanese Industry Standard (JIS) paper size. The same named designation is used by JIS and International Standards Organization (ISO) for different paper sizes. | | | | | | |

# PostScript paper tray support

When the printer receives one of the operators listed in "Tray selected with tray operators" on page 14, it performs the actions listed as follows. This paper tray selection process ends as soon as a suitable paper source is chosen and paper is fed from this tray.

- The printer checks the value of **manualfeed** in **statusdict** and the ManualFeed page device parameter. If either one is true, the printer sends a message to load the requested size in the manual feed tray or multipurpose feeder.
- The PageSize Policy is set to 0 by means of **setpagedevice**.
- The printer checks the paper size loaded in the current active source to determine if it matches the requested size. If the sizes match, the paper is fed from the active source.

  **Note:** The current active tray is the last source that was selected from the printer control panel or by the printer language.
- If the requested size and the size loaded in the active source do not match, the sources are searched in the order defined by the Priority array in the InputAttributes dictionary in the pagedevice dictionary.
- If the requested media size is not found by the previous search, the following search order is used:
  - Tray 1
  - Tray 2
  - Tray 3
  - Multipurpose Feeder
  - Tray 4
  - Tray 5
- If the requested size cannot be located in any automatic source, a **configurationerror** is issued and the job is flushed.

For printers that support automatic duplexing:

- Automatic duplexing is not supported for custom-size paper or for envelopes in the multipurpose feeder. Automatic duplexing is supported from the multipurpose feeder for all other papers.
- If the paper source is changed before the back side of a duplexed page prints, a blank back page prints, the paper source changes, and the information for the back side of the page is printed on the front side of a page sent from the new paper source.

When these operators are used, it is equivalent to executing the following PostScript emulation sequence:

```
<< /PageSize [x y]/ImagingBBox null /Policies << /PageSize 0>> >>
```

```
setpagedevice
```

where *x y* are the PageSize in points.

### Tray selected with tray operators

| ✓ = Supported<br>X = Not supported | | Printer models | |
|---|---|---|---|
| **Operator** | **Tray selected (corresponding image size is set)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| a4tray | tray with A4-size paper | ✓ | ✓ |
| a5tray | tray with A5-size paper | ✓ | ✓ |
| b5tray | tray with B5-size paper | ✓ | ✓ |
| customtray | tray with custom-size paper | **X** | **X** |
| executivetray | tray with executive-size paper | ✓ | ✓ |
| foliotray | tray with folio-size paper | ✓ | ✓ |
| legaltray | tray with legal-size paper | ✓ | ✓ |
| lettertray | tray with letter-size paper | ✓ | ✓ |
| oficiotray | tray with oficio-size paper | ✓ | ✓ |
| statementtray | tray with statement-size paper | ✓ | ✓ |

# PostScript envelope size support

The literal names in “Envelope sizes supported” on page 15 are also supported as operators in **userdict**. These operators change the image size, but do not change the active paper source. Therefore, when these operators are used, part of the image may be clipped.

When these literal names are used as operators, it is equivalent to executing the following PostScript emulation sequence. The following example uses a 3.875 x 7.5 envelope.

```
<</Policies <</PageSize 7>> /PageSize [279 540]>> >>setpagedevice
```

## Envelope sizes supported

| ✓ = Supported<br>X = Not supported<br>Envelope sizes | | | | | Printer models | |
|---|---|---|---|---|---|---|
| **Size name** | **Literal name** | **Size (mm)** | **Size (inches)** | **Size (points)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| 7 3/4 | 3.875x7.5envelope | 98.4 x 190.5 | 3.875 x 7.5 | 279 x 540 | ✓ | ✓ |
| Commercial 9 | 3.875x8.875envelope | 98.4 x 225.4 | 3.875 x 8.875 | 279 x 639 | ✓ | ✓ |
| Commercial 10 | 4.125x9.5envelope | 104.8 x 241.3 | 4.125 x 9.5 | 297 x 684 | ✓ | ✓ |
| International DL | 110x220envelope | 110 x 220 | 4.33 x 8.66 | 312 x 624 | ✓ | ✓ |
| International C5 | 162x229envelope | 162 x 229 | 6.38 x 9.01 | 459 x 649 | ✓ | ✓ |
| International B5 | 176x250envelope | 176 x 250 | 6.93 x 9.84 | 499 x 708 | ✓ | ✓ |
| Other envelope | otherenvelope | 296.93 x 427.48 | 11.69 x 16.83 | 841 x 842 | **X** | **X** |
| otherenvelope* | Other | 229.11 x 355.6 | 9.02 x 14 | 612 x 996 | ✓ | ✓ |

* For other envelopes, the page is formatted to 216 x 356 mm (8.5 x 14 in.) unless a size is specified by your software program.

## Literal names supported

| ✓ = Supported<br>X = Not Supported<br>Literal names | | Printer models | |
|---|---|---|---|
| **Literal name** | **Compatible literal name** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| monarchenvelope | 3.875x7.5envelope | ✓ | ✓ |
| com10envelope | 4.125x9.5envelope | ✓ | ✓ |
| dlenvelope | 110x220envelope | ✓ | ✓ |
| c5envelope | 162x229envelope | ✓ | ✓ |
| b5envelope | 176x250envelope | ✓ | ✓ |

# PostScript envelope tray support

If **manualfeed** in **statusdict** and the ManualFeed page device parameter are false when the printer receives one of the envelopetray operators listed in "Envelopetray operator selections" on page 16, then the printer:

- Sets the PageSize Policy to 0.
- Checks the active source to see if it matches the requested envelope size. If the sizes match, the envelope is fed from the active source.

  **Note:** The active source is the last source selected from the printer control panel or data stream.
- If the requested size and the size loaded in the active source do not match, the sources are searched in the order defined by the Priority array in the InputAttributes dictionary in the pagedevice dictionary.
- If the requested media size is not found by the previous search, the following search order is used:
  - Envelope Feeder
  - Multipurpose Feeder
- If the requested size and type are not available from any automatic source, you are prompted to load the requested envelope size and type in the manual feed source.
- If the size is still not available, a **configurationerror** is issued and the print job is flushed.

If manualfeed or ManualFeed is true, the printer prompts you to load the requested size manually. If no manual feed exists on the printer, a **rangecheck** error message is generated

The envelope tray the printer selects when it receives an **envelopetray** operator is listed in "Envelopetray operator selections" on page 16. These operators are equivalent to executing the following PostScript emulation sequence:

```
<</PageSize [x y] /ImagingBBox null /Policies<</PageSize 0>> >>
setpagedevice
```

where ***x y*** are the PageSize in points.

## Envelopetray operator selections

| ✓ = Supported<br>X = Not supported<br>Tray operators | | Printer models | |
|---|---|---|---|
| **Operator** | **Tray selected (Corresponding image size is set)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| 110x220envelopetray | tray with 110 x 220 size envelopes | ✓ | ✓ |
| dlenvelopetray | tray with 110 x 220 size envelopes | ✓ | ✓ |
| 162x229envelopetray | tray with 162 x 229 size envelopes | ✓ | ✓ |
| c5envelopetray | tray with 162 x 229 size envelopes | ✓ | ✓ |
| 176x250envelopetray | tray with 176 x 250 size envelopes | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported<br>Tray operators | | Printer models | |
|---|---|---|---|
| **Operator** | **Tray selected (Corresponding image size is set)** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| b5envelopetray | tray with 176 x 250 size envelopes | ✓ | ✓ |
| 3.875x7.5envelopetray | tray with 3.875 x 7.5 size envelopes | ✓ | ✓ |
| monarcenvelopetray | tray with 3.875 x 7.5 size envelopes | ✓ | ✓ |
| 3.875x8.875envelopetray | tray with 3.875 x 8.875 size envelopes | ✓ | ✓ |
| 4.125x9.5envelopetray | tray with 4.125 x 9.5 size envelopes | ✓ | ✓ |
| com10envelopetray | tray with 4.125 x 9.5 size envelopes | ✓ | ✓ |
| otherenvelopetray | tray with other size envelopes | ✓ | ✓ |

# Printer specifications

This chapter lists printer specifications and information about hardware, environmental conditions, and power requirements.

## Airflow requirement

The room should meet ASHRAE 62—1989 standards.

## Noise emission levels

The following measurements were made in accordance with ISO 7779 and reported in conformance with ISO 9296.

| Status | 1-meter average sound pressure, dBA | | | | | |
|---|---|---|---|---|---|---|
| | T650n | T652n/dn | T654n/dn | X651 MFP, X652 MFP | X654 MFP, X656 MFP | X658 MFP |
| Printing | 53 (simplex)<br>56 (duplex) | 54 (simplex)<br>54 (duplex) | 55 (simplex)<br>56 (duplex) | 54 (simplex)<br>54 (duplex) | 56 (simplex)<br>56 (duplex) | 55 (simplex)<br>55 (duplex) |
| Scanning | Not applicable | Not applicable | Not applicable | 56 | 55 | 55 |
| Copying | Not applicable | Not applicable | Not applicable | 55 | 56 | 55 |
| Quiet Mode printing | 47 | 51 | 51 | 51 | 52 | 50 |
| Standby (Idle without Power Saver) | 26 | 30 | 30 | 29 | 29 | 28 |
| **Note:** Measurements apply to 300-dpi, 600-dpi, and 1200-dpi printing. | | | | | | |

| Status | Declared sound power level, Bels | | | | | |
|---|---|---|---|---|---|---|
| | T650n | T652n/dn | T654n/dn | X651 MFP, X652 MFP | X654 MFP, X656 MFP | X658 MFP |
| Printing | 6.8 (simplex)<br>7.1 (duplex) | 7.0 (simplex)<br>7.0 (duplex) | 7.1 (simplex)<br>7.2 (duplex) | 6.9 (simplex)<br>6.9 (duplex) | 7.1 (simplex)<br>7.1 (duplex) | 7.1 (simplex)<br>7.1 (duplex) |
| Idle (Standby mode) | 4.1 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Scanning | Not applicable | Not applicable | Not applicable | 7.2 | 7.2 | 7.2 |
| Copying | Not applicable | Not applicable | Not applicable | 7.0 | 7.1 | 7.2 |
| Quiet Mode printing | 6.2 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| **Note:** Measurements apply to 300-dpi, 600-dpi, and 1200-dpi printing. | | | | | | |

# Electrical specifications

| Printer model | Electrical specification |
|---|---|
| T65x low voltage models* | 100–127 V at 47–63 Hz, nominal<br>90–137 V, extreme |
| T65x high voltage models | 220–240 V at 47–63 Hz, nominal (not available in all countries)<br>198–254 V, extreme |
| X65x MFP low voltage models | 100–127 V at 50–60 Hz, nominal<br>90–137 V, extreme |
| X65x MFP high voltage models | 220–240 V at 50–60 Hz, nominal (not available in all countries)<br>198–259 V, extreme |
| * Using a 220–110 power converter with 110 V printer is not recommended. | |

**Warning—Potential Damage:** Lexmark recommends that you do not use voltage converters with printers.

# Power requirements

The following tables list the nominal average power requirements (including fuser power).

## Lexmark T65x nominal average power requirements

| Printing states | T650n | T652n | T654n |
|---|---|---|---|
| **Average power while printing continuously** | | | |
| 1-sided (simplex)<br>2-sided (duplex) | 640 W<br>540 W | 725 W<br>565 W | 740 W<br>575 W |
| **Average power while idle** | | | |
| Power Saver on<br>Ready mode | 12 W<br>80 W | 13 W<br>85 W | 14 W<br>85 W |
| **Max current while printing** | | | |
| 100–110 V<br>110–127 V<br>220–240 V | 8.7 A<br>7.6 A<br>4.1 A | 8.7 A<br>7.6 A<br>4.1 A | 8.7 A<br>7.6 A<br>4.1 A |

## Lexmark X65x nominal average power requirements

| Printing states | X651 MFP, X652 MFP | X654 MFP, X656 MFP | X658 MFP |
|---|---|---|---|
| Printing continuously | 700 W | 800 W | 800 W |
| Copying continuously | 765 W | 875 W | 875 W |
| Scanning continuously | 165 W | 165 W | 165 W |

| Printing states | X651 MFP, X652 MFP | X654 MFP, X656 MFP | X658 MFP |
|---|---|---|---|
| **Average power while idle** | | | |
| Power Saver on<br>Ready (Standby mode) | 24 W<br>105 W | 28 W<br>105 W | 30 W<br>105 W |
| **Average current while printing** | | | |
| 100 V<br>120 V<br>230 V | 9.8 A<br>8.1 A<br>4.3 A | 9.8 A<br>8.1 A<br>4.3 A | 9.9 A<br>8.5 A<br>4.5 A |

# Physical specifications

## Lexmark T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn dimensions

| | Height | Width | Depth | Weight |
|---|---|---|---|---|
| T650n base printer | 348 mm (13.7 in.) | 425 mm (16.7 in.) | 493 mm (19.4 in.) | 18.4 kg (40.6 lb) |
| T650dn configured with an optional duplex unit | 402 mm (15.8 in.) | 425 mm (16.7 in.) | 640 mm (25.2 in.) | 23.4 kg (51.6 lb) |
| T650dn configured with an additional 550-sheet drawer | 533 mm (24.2 in.) | 425 mm (16.7 in.) | 640 mm (25.2 in.) | 27.4 kg (60.4 lb) |
| T652n/dn base printer | 425 mm (16.7 in.) | 425 mm (16.7 in.) | 510 mm (20.1 in.) | 23 kg (50.7 lb) |
| T652dn configured with an additional 550-sheet drawer | 557 mm (21.7 in.) | 425 mm (16.7 in.) | 510 mm (20.1 in.) | 59.5 kg (27 lb) |
| T654n/dn base printer | 438 mm (17.2 in.) | 425 mm (16.7 in.) | 510 mm (20.1 in.) | 23.4 kg (51.6 lb) |
| T654dn configured with an additional 550-sheet drawer | 568 mm (22.4 in.) | 425 mm (16.7 in.) | 510 mm (20.1 in.) | 60.4 kg (27.4 lb) |

## Input options for Lexmark T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn

| Option name | Height | Width | Depth | Weight |
|---|---|---|---|---|
| Duplex unit (attached to the T650 only) | 54 mm (2.1 in.) | 421 mm (16.6 in.) | 640 mm (25.2 in.) | 5 kg (11 lb) |
| 550-sheet drawer | 130 mm (5.1 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 4 kg (8.8 lb) |
| 550-sheet tray | 121 mm (4.8 in.) | 421 mm (16.6 in.) | 506 mm (19.9 in.) | 1.4 kg (3.1 lb) |
| 250-sheet drawer | 90 mm (3.5 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 3.2 kg (7.1 lb) |
| 250-sheet tray | 56 mm (2.2 in.) | 421 mm (16.6 in.) | 488 mm (19.2 in.) | 0.9 kg (2 lb) |
| 2000-sheet drawer | 357 mm (14.1 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 16.8 kg (37 lb) |
| 200-sheet universally adjustable drawer | 90 mm (3.5 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 3.2 kg (7.1 lb) |
| 200-sheet universally adjustable tray | 56 mm (2.2 in.) | 421 mm (16.6 in.) | 488 mm (19.2 in.) | 0.9 kg (2 lb) |
| 400-sheet universally adjustable drawer | 130 mm (5.1 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 4 kg (8.8 lb) |
| * The envelope feeder fits within the height and width of the printer. | | | | |

| Option name | Height | Width | Depth | Weight |
|---|---|---|---|---|
| 400-sheet universally adjustable tray | 121 mm (4.8 in.) | 421 mm (16.6 in.) | 506 mm (19.9 in.) | 1.4 kg (3.1 lb) |
| Envelope feeder (closed position) | * | * | 233 mm (9.2 in.) | 2 kg (4.4 lb) |
| Envelope feeder (support fully extended) | * | * | 350 mm (13.8 in.) | 2 kg (4.4 lb) |
| * The envelope feeder fits within the height and width of the printer. | | | | |

## Output options for Lexmark T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn

| Option name | Height | Width | Depth | Weight |
|---|---|---|---|---|
| Output expander | 160 mm (6.2 in.) | 421 mm (16.6 in.) | 378 mm (14.9 in.) | 2.8 kg (5.7 lb) |
| 5-bin mailbox | 315 mm (12.4 in.) | 421 mm (16.6 in.) | 330 mm (12.9 in.) | 5.2 kg (11.5 lb) |
| High capacity output stacker | 323 mm (12.7 in.) | 421 mm (16.6 in.) | 378 mm (14.9 in.) | 4.5 kg (9.9 lb) |
| StapleSmart™ II | 320.4 mm (12.6 in.) | 433 mm (17.1 in.) | 403 mm (15.9 in.) | 7.2 kg (15.9 lb) |

## Furniture for Lexmark T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn

| Furniture name | Height | Width | Depth | Weight |
|---|---|---|---|---|
| Spacer | 130 mm (5.1 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 3.4 kg (7.5 lb) |
| T65x caster base | 107 mm (4.2 in.) | 768 mm (30.2 in.) | 801 mm (31.5 in.) | 38.5 kg (84.9 lb) |

## Lexmark X651de MFP, X652de MFP, X654de MFP, X656de MFP dimensions - unpackaged

| | Height | Width | Depth | Weight with cartridge |
|---|---|---|---|---|
| Base MFP | 755 mm (29.7 in.) | 548 mm (21.6 in.) | 611 mm (24.1 in.) | 45.4 kg (100 lb) |
| 550-sheet drawer | 130.4 mm (5.1 in.) | 421 mm (16.6 in.) | 510.2 mm (20.1 in.) | 4.1 kg (9 lb) |
| 250-sheet drawer | 89.6 mm (3.5 in.) | 421 mm (16.6 in.) | 510.2 mm (20.1 in.) | 3.2 kg (7 lb) |
| 2000-sheet drawer | 357 mm (14.1 in.) | 421 mm (16.6 in.) | 510.2 mm (20.1 in.) | 16.8 kg (37 lb) |
| Caster base | 107.5 mm (4.2 in.) | 778 mm (30.6 in.) | 803 mm (31.6 in.) | 36.3 kg (80 lb) |

## Lexmark X656dte MFP preconfigured dimensions - unpackaged

| | Height | Width | Depth | Weight with cartridge |
|---|---|---|---|---|
| dte | 885.4 mm (34.8 in.) | 548 mm (21.6 in.) | 611 mm (24.1 in.) | 49.5 kg (109 lb) |
| 250-sheet drawer | 89.6 mm (3.5 in.) | 421 mm (16.6 in.) | 510.2 mm (20.1 in.) | 4.1 kg (9 lb) |
| 550-sheet drawer | 130.4 mm (5.1 in.) | 421 mm (16.6 in.) | 510.2 mm (20.1 in.) | 4.1 kg (9 lb) |
| 2000-sheet drawer | 357 mm (14.1 in.) | 421 mm (16.6 in.) | 510 mm (20.1 in.) | 16.8 kg (37 lb) |
| Caster base | 107.5 mm (4.2 in.) | 778 mm (30.6 in.) | 803 mm (31.6 in.) | 36.3 kg (80 lb) |

### X658dxe MFP dimensions - unpackaged

| | Height | Width | Depth | Weight with cartridge |
|---|---|---|---|---|
| de, dfe, dme | 1114 mm (43.9 in.) | 548 mm (21.6 in.)* | 596 mm (23.5 in.)* | de: 75 kg (165.3 lb)<br>dfe: 75.1 kg (165.5 lb)<br>dme: 72.8 kg (160.6 lb) |
| Models configured with an additional drawer | 1246 mm (49.1 in.) | 548 mm (21.6 in.)* | 596 mm (23.5 in.)* | de: 80 kg (176.3 lb)<br>dfe: 80.1 kg (176.5 lb)<br>dme: 77.8 kg (171.5 lb) |
| MFP with all options - maximum dimensions | 1378 mm (54.3 in.) | 548 mm (21.6 in.)* | 596 mm (23.5 in.)* | de: 85 kg (187.3 lb)<br>dfe: 85.1 kg (187.5 lb)<br>dme: 82.8 kg (182.6 lb) |
| 550-sheet drawer option | 132 mm (5.2 in.) | 548 mm (21.6 in.) | 548 mm (21.6 in.) | 5 kg (11 lb) |
| Optional envelope feeder (closed position) | 193 mm (7.6 in.) | 421 mm (16.6 in.) | 233 mm (9.2 in.) | 2 kg (4.4 lb) |
| Optional envelope feeder (support fully extended) | 193 mm (7.6 in.) | 421 mm (16.6 in.) | 350 mm (13.8 in.) | 2 kg (4.4 lb) |
| Caster base | 89 mm (3.5 in.)* | 915 mm (36 in.) | 771 mm (30.4 in.) | 13.6 kg (30 lb) |
| * The bottom drawer fits 43 mm (1.7 in.) into the base. | | | | |

### Physical dimensions with extensions in open positions

| Printer model | Height | Width | Depth |
|---|---|---|---|
| X651de, X652de, X654de, X656de | 755 mm (29.7 in.) | 548 mm (21.6 in.) | 790 mm (31.1 in.) |
| X656dte | 885.4 mm (34.8 in.) | 548 mm (21.6 in.) | 790 mm (31.1 in.) |
| X658de/dfe/dme | 1114 mm (43.9 in.) | 548 mm (21.6 in.) | 787 mm (31 in.) |
| X658dte/dtfe/dtme | 1246 mm (49.1 in.) | 548 mm (21.6 in.) | 787 mm (31 in.) |

# Clearance requirements

### Lexmark T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn

| Model | Left side | Right side | Front | Rear | Top |
|---|---|---|---|---|---|
| T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | 305 mm (12 in.) | 305 mm (12 in.) | 508 mm (20 in.) | 305 mm (12 in.) | 115 mm (4.5 in.) |

### Lexmark X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP

| Model | Left side | Right side | Front | Rear | Top |
|---|---|---|---|---|---|
| X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP | 304.8 mm (12 in.) | 203.2 mm (8 in.) | 508 mm (20 in.) | 203.2 mm (8 in.) | 304.8 mm (12 in.) |

# Environmental conditions

**Note:** When shipping or storing printers, always pack the printer supplies (cartridges and photoconductors, for example) separately.

### Air temperature ranges

| Printer model | Operating value | Shipping value | Storage (unpacked) |
|---|---|---|---|
| T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | 15.6–32.2°C (60–90°F) | -40–43.3°C (-40–110°F) | 0–40°C (32–104°F) |
| X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP | 15.6–32.2°C (60–90°F) | -40–43.3°C (-40–110°F) | 0–40°C (32–104°F) |

### Humidity ranges

| Printer model | Operating value | Shipping value | Storage value |
|---|---|---|---|
| T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | 8%–80%* | 5%–95% | 5%–80% |
| X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP | 8%–80%* | 5%–95% | 8%–80% |
| * Approaching 32°C (90°F) the maximum relative humidity is 60%. | | | |

# Altitude specifications and atmospheric pressure

## Altitude specifications

| | Altitude (above sea level) | |
|---|---|---|
| Printer model | Operating | Shipping/storage |
| T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | 0–3048 M (10,000 ft.) | 0.25 atmospheric pressure (equal to 10,300 M [34,000 ft.] |
| X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP | 0–3048 M (10,000 ft.) | Less than 10,300 M (34,000 ft.) |

## Atmospheric Pressure

74.6 kPa

# Appendix A: PCL support

## PCL emulation commands

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Command | Function | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| ESC E | Printer Reset | ✓ | ✓ |
| ESC Y | Display Functions-On | ✓ | ✓ |
| ESC Z | Display Functions-Off | ✓ | ✓ |
| ESC z | Print Test Page | X | X |
| ESC &a#C | Horizontal Cursor Position (in Columns) | ✓ | ✓ |
| ESC &a#G | Duplex Page Side Selection | ✓ | ✓ |
| ESC &a#H | Horizontal Cursor Position (in Decipoints) | ✓ | ✓ |
| ESC &a#L | Set Left Margin | ✓ | ✓ |
| ESC &a#M | Set Right Margin | ✓ | ✓ |
| ESC &a#N | Negative Motion | X | X |
| ESC &a#P | Print Direction | ✓ | ✓ |
| ESC &a#R | Vertical Cursor Position (in Rows) | ✓ | ✓ |
| ESC &a#V | Vertical Cursor Position (in Decipoints) | ✓ | ✓ |
| ESC &b#M | Monochrome Print Mode | ✓ | ✓ |
| ESC &b#W[data] | Configuration Command | X | X |
| ESC &c#T | Character Text Path Direction | ✓ | ✓ |
| ESC &d@ | Underline-Disable | ✓ | ✓ |
| ESC &d#A | Number of Collated Copies | ✓ | ✓ |
| ESC &d#D | Underline-Enable | ✓ | ✓ |
| ESC &f#F | Set Universal Height | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| ESC&f#G | Set Universal Width | ✓ | ✓ |
| ESC&f#O | Set Universal Feed Direction | ✓ | ✓ |
| ESC&f#W | Set Universal Custom Name | ✓ | ✓ |
| ESC&f#S | Push / Pop Cursor Position | ✓ | ✓ |
| ESC&f#X | Macro Control | ✓ | ✓ |
| ESC&f#Y | Set Macro ID | ✓ | ✓ |
| ESC&k#G | Set Line Termination | ✓ | ✓ |
| ESC&k#H | Set Horizontal Motion Index | ✓ | ✓ |
| ESC&k#S | Select Primary and Secondary Pitch | ✓ | ✓ |
| ESC&k#W | Text Scale Mode | ✓ | ✓ |
| ESC&ℓ#A | Set Page Size | ✓ | ✓ |
| ESC&ℓ#C | Set Vertical Motion Index | ✓ | ✓ |
| ESC&ℓ#D | Set Line Spacing | ✓ | ✓ |
| ESC&ℓ#E | Set Top Margin | ✓ | ✓ |
| ESC&ℓ#F | Set Text Length | ✓ | ✓ |
| ESC&ℓ#G | Set Output Bin | ✓ | ✓ |
| ESC&ℓ#H | Paper Source | ✓ | ✓ |
| ESC&ℓ#L | Skip Perforation | ✓ | ✓ |
| ESC&ℓ#O | Select Orientation | ✓ | ✓ |
| ESC&ℓ#M(b) | Paper Type | X | X |
| ESC&ℓ#P | Set Page Length | ✓ | ✓ |
| ESC&ℓ#S | Simplex/Duplex Print | ✓ | ✓ |
| ESC&ℓ1T | Job Separation | X | X |
| ESC&ℓ#U | Long-Edge Offset Registration | ✓ | ✓ |
| ESC&ℓ#X | Number of Copies | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| ESC&ℓ#Z | Short-Edge Offset Registration | ✓ | ✓ |
| ESC&n#W [operation] [string id] | Alphanumeric ID | ✓ | ✓ |
| ESC&p#C | Palette Control | ✓ | ✓ |
| ESC&p#I | Palette Control ID | ✓ | ✓ |
| ESC&p#S | Select Palette | ✓ | ✓ |
| ESC&p#X[data] | Transparent Print Data | ✓ | ✓ |
| ESC&r#F | Flush All Pages | ✓ | ✓ |
| ESC&s#C | End-Of-Line Text Wrap | ✓ | ✓ |
| ESC&t#P | Text Parsing Method | ✓ | ✓ |
| ESC&u#D | Unit of Measure | ✓ | ✓ |
| ESC(# | Primary Font Symbol Set | ✓ | ✓ |
| ESC(#X | Select Primary Download Font (by Font ID) | ✓ | ✓ |
| ESC(3@ | Select Default Primary Font | ✓ | ✓ |
| ESC(f#W[data] | Define Symbol Set | ✓ | ✓ |
| ESC(s#B | Primary Font Stroke Weight | ✓ | ✓ |
| ESC(s#H | Primary Font Pitch | ✓ | ✓ |
| ESC(s#P | Primary Font Spacing | ✓ | ✓ |
| ESC(s#S | Primary Font Style | ✓ | ✓ |
| ESC(s#T | Primary Font Typeface Selection | ✓ | ✓ |
| ESC(s#V | Primary Font Height (Point Size) | ✓ | ✓ |
| ESC(s#W[data] | Load Character | ✓ | ✓ |
| ESC)# | Secondary Font Symbol Set | ✓ | ✓ |
| ESC)#X | Select Secondary Download Font (by Font ID) | ✓ | ✓ |
| ESC)3@ | Select Default Secondary Font | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| ESC)s#B | Secondary Font Stroke Weight | ✓ | ✓ |
| ESC)s#H | Secondary Font Pitch | ✓ | ✓ |
| ESC)s#P | Secondary Font Spacing | ✓ | ✓ |
| ESC)s#S | Secondary Font Style | ✓ | ✓ |
| ESC)s#T | Secondary Font Typeface Selection | ✓ | ✓ |
| ESC)s#V | Secondary Font Height (Point Size) | ✓ | ✓ |
| ESC)s#W[data] | Load Font Header | ✓ | ✓ |
| ESC*b#M | Set Raster Compression Mode | ✓ | ✓ |
| ESC*b#V[data] | Transfer Raster Data (by Plane) | ✓ | ✓ |
| ESC*b#W[data] | Transfer Raster Data (by Row / Block) | ✓ | ✓ |
| ESC*b#Y | Y Offset | ✓ | ✓ |
| ESC*c#A | Horizontal Rectangle Size (in PCL Units) | ✓ | ✓ |
| ESC*c#B | Vertical Rectangle Size (in PCL Units) | ✓ | ✓ |
| ESC*c#D | Set Font ID | ✓ | ✓ |
| ESC*c#E | Set Character Code | ✓ | ✓ |
| ESC*c#F | Font Control | ✓ | ✓ |
| ESC*c#G | Area Fill ID | ✓ | ✓ |
| ESC*c#H | Horizontal Rectangle Size (in Decipoints) | ✓ | ✓ |
| ESC*c#K | GL/2 Horizontal Plot Size (in Inches) | ✓ | ✓ |
| ESC*c#L | GL/2 Vertical Plot Size (in Inches) | ✓ | ✓ |
| ESC*c#P | Fill Rectangular Area | ✓ | ✓ |
| ESC*c#Q | Pattern Control | ✓ | ✓ |
| ESC*c#R | Symbol Set ID Code | ✓ | ✓ |
| ESC*c#S | Symbol Set Control | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| ESC*c0T | Set Picture Frame Anchor Point | ✓ | ✓ |
| ESC*c#V | Vertical Rectangle Size (in Decipoints) | ✓ | ✓ |
| ESC*c#W[data] | User-Defined Pattern | ✓ | ✓ |
| ESC*c#X | Picture Frame Horizontal Size (in Decipoints) | ✓ | ✓ |
| ESC*c#Y | Picture Frame Vertical Size (in Decipoints) | ✓ | ✓ |
| ESC*ℓ#O | Logical Operation | ✓ | ✓ |
| ESC*ℓ#R | Pixel Placement | ✓ | ✓ |
| ESC*ℓ#W[data] | Color Lookup Tables | X | X |
| ESC*m#W[data] | Download Dither Matrix | ✓ | ✓ |
| ESC*o#M(b) | Print Quality | ✓ | ✓ |
| ESC*o#Q | Mechanical Print Quality | X | X |
| ESC*o#W[data] | Driver Configuration Command | ✓ | ✓ |
| ESC*p#P | Push / Pop Palette | ✓ | ✓ |
| ESC*p#R | Set Pattern Reference Point | ✓ | ✓ |
| ESC*p#X | Horizontal Cursor Position (in PCL Units) | ✓ | ✓ |
| ESC*p#Y | Vertical Cursor Position (in PCL Units) | ✓ | ✓ |
| ESC*r#A | Start Raster Graphics | ✓ | ✓ |
| ESC*r#F | Raster Graphics Presentation Mode | ✓ | ✓ |
| ESC*r#S | Raster Width (Source) | ✓ | ✓ |
| ESC*r#T | Raster Height (Source) | ✓ | ✓ |
| ESC*r#U | Simple Color | ✓ | ✓ |
| ESC*rB | End Raster Graphics (Version B) | ✓ | ✓ |
| ESC*rC | End Raster Graphics (Version C) | ✓ | ✓ |
| ESC*s#I | Inquire Status Readback Entity | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| ESC*s1M | Free Space | ✓ | ✓ |
| ESC*s#T | Set Status Readback Location Type | ✓ | ✓ |
| ESC*s#U | Set Status Readback Location Unit | ✓ | ✓ |
| ESC*s#X | Echo | ✓ | ✓ |
| ESC*t#H | Raster Width Destination | ✓ | ✓ |
| ESC*t#I | Gamma Correction | ✓ | ✓ |
| ESC*t#J | Render Algorithm | X | X |
| ESC*t#K | Scale Algorithm | X | X |
| ESC*t#R | Raster Resolution | ✓ | ✓ |
| ESC*t#V | Raster Height Destination | ✓ | ✓ |
| ESC*g#W | Set Raster Configuration | ✓ | ✓ |
| ESC*v#A | Color Component One | ✓ | ✓ |
| ESC*v#B | Color Component Two | ✓ | ✓ |
| ESC*v#C | Color Component Three | ✓ | ✓ |
| ESC*v#I | Assign Color Index | ✓ | ✓ |
| ESC*v#N | Source Transparency Mode | ✓ | ✓ |
| ESC*v#O | Pattern Transparency Mode | ✓ | ✓ |
| ESC*v#S | Foreground Color | ✓ | ✓ |
| ESC*v#T | Select Current Pattern | ✓ | ✓ |
| ESC*v#W[data] | Configure Image Data | ✓ | ✓ |
| ESC*i#W[data] | Viewing Illuminant | X | X |
| ESC9 | Clear Horizontal Margins | ✓ | ✓ |
| ESC= | Half Line-Feed | ✓ | ✓ |
| ESC%#A | Enter PCL Emulation | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Command | Function | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| ESC%#B | Enter GL/2 Language<br>**Note:** The values of -1, 2, and 3 are not supported by any of the printers included in this document. | ✓ | ✓ |
| ESC% 12345X | Universal Exit Language (UEL) / Start of PJL | ✓ | ✓ |

# GL/2 commands

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Command | Function | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| AA | Arc Absolute | ✓ | ✓ |
| AC | Anchor Corner | ✓ | ✓ |
| AD | Define Alternate Font | ✓ | ✓ |
| AR | Arc Relative | ✓ | ✓ |
| AT | Arc Absolute Three Point | ✓ | ✓ |
| BR | Bezier Relative | ✓ | ✓ |
| BZ | Bezier Absolute | ✓ | ✓ |
| CF | Character Fill | ✓ | ✓ |
| CI | Circle | ✓ | ✓ |
| CO | Comment | ✓ | ✓ |
| CP | Character Plot | ✓ | ✓ |
| CR | Color Range | ✓ | ✓ |
| DF | Default | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| DI | Absolute Direction | ✓ | ✓ |
| DR | Relative Direction | ✓ | ✓ |
| DT | Define Label Terminator | ✓ | ✓ |
| DV | Define Variable Text Path | ✓ | ✓ |
| EA | Edge Rectangle Absolute | ✓ | ✓ |
| EP | Edge Polygon | ✓ | ✓ |
| ER | Edge Rectangle Relative | ✓ | ✓ |
| ES | Extra Space | ✓ | ✓ |
| EW | Edge Wedge | ✓ | ✓ |
| FI | Primary Font | ✓ | ✓ |
| FN | Secondary Font | ✓ | ✓ |
| FP | Fill Polygon, Odd/Even | ✓ | ✓ |
| FP | Fill Polygon, Non-Zero Winding | ✓ | ✓ |
| FT | Fill Type | ✓ | ✓ |
| FT | Fill Type - 22 | ✓ | ✓ |
| FT | Fill Type - 9 | ✓ | ✓ |
| IN | Initialize | ✓ | ✓ |
| IP | Input P1 and P2 | ✓ | ✓ |
| IR | Input Relative P1 and P2 | ✓ | ✓ |
| IW | Input Window | ✓ | ✓ |
| LA | Line Attributes | ✓ | ✓ |
| LB | Label, Default Terminator = '03'x | ✓ | ✓ |
| LO | Label Origin | ✓ | ✓ |
| LO | Uses PCL Label Origin | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| LT | Line Type | ✓ | ✓ |
| LM | Label Mode | X | X |
| MC | Logical Operation | ✓ | ✓ |
| NP | Number of Pens | ✓ | ✓ |
| PA | Plot Absolute | ✓ | ✓ |
| PC | Pen Color | ✓ | ✓ |
| PD | Pen Down | ✓ | ✓ |
| PE | Polyline Encoded | ✓ | ✓ |
| PM | Polygon Mode | ✓ | ✓ |
| PP | Pixel Placement | ✓ | ✓ |
| PR | Plot Relative | ✓ | ✓ |
| PU | Pen Up | ✓ | ✓ |
| PW | Pen Width | ✓ | ✓ |
| RA | Fill Rectangle Absolute | ✓ | ✓ |
| RF | Define Raster Fill | ✓ | ✓ |
| RO | Rotate Coordinate System | ✓ | ✓ |
| RR | Fill Rectangle Relative | ✓ | ✓ |
| RT | Arc Relative Three Point | ✓ | ✓ |
| SA | Select Alternate Font | ✓ | ✓ |
| SB | Scalable/Bitmapped Fonts | ✓ | ✓ |
| SC | Scale | ✓ | ✓ |
| SD | Define Standard Font | ✓ | ✓ |
| SI | Absolute Character Size | ✓ | ✓ |
| SL | Character Slant | ✓ | ✓ |
| SM | Symbol Mode | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Command** | **Function** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| SP | Select Pen | ✓ | ✓ |
| SR | Relative Character Size | ✓ | ✓ |
| SS | Select Standard Font | ✓ | ✓ |
| SV | Screened Vectors | ✓ | ✓ |
| SV | Screened Vectors - 9, level | ✓ | ✓ |
| TD | Transparent Data | ✓ | ✓ |
| TM | Threshold Matrix | ✓ | ✓ |
| TR | Transparency Mode | ✓ | ✓ |
| UL | User Defined Line | ✓ | ✓ |
| WG | Fill Wedge | ✓ | ✓ |
| WU | Pen Width Units | ✓ | ✓ |

# Appendix B: PJL support

## Common variables for both printer languages

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| AUTOCONT | ✓ | ✓ |
| AUTOSELECT | X | X |
| BINDING | ✓ | ✓ |
| BITSPERPIXEL | ✓ | ✓ |
| CLEARABLEWARNINGS | ✓ | ✓ |
| CONTEXTSWITCH | X | X |
| COPIES | ✓ | ✓ |
| CPLOCK | ✓ | ✓ |
| DENSITY | ✓ | ✓ |
| DISKLOCK | X | X |
| DUPLEX | ✓ | ✓ |
| ECONOMODE | ✓ | ✓ |
| FORMATTERNUMBER | ✓ | ✓ |
| FORMLINES | ✓ | ✓ |
| HELDJOBTIMEOUT | ✓ | ✓ |
| HOLD | ✓ | ✓ |
| HOLDKEY | ✓ | ✓ |
| HOLDTYPE | ✓ | ✓ |
| IMAGEADAPT | X | X |
| INTRAY1 | X | X |
| INTRAY2 | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn,<br>T652n/dn/dtn,<br>T654n/dn/dtn | X651 MFP,<br>X652 MFP,<br>X652 MFP,<br>X654 MFP,<br>X656 MFP,<br>X658 MFP |
| INTRAY3 | ✓ | ✓ |
| INTRAY4 | ✓ | ✓ |
| INTRAY5 | ✓ | ✓ |
| INTRAY1SIZE | ✓ | ✓ |
| INTRAY2SIZE | ✓ | ✓ |
| INTRAY3SIZE | ✓ | ✓ |
| INTRAY4SIZE | ✓ | ✓ |
| INTRAY5SIZE | ✓ | ✓ |
| IOBUFFER | X | X |
| IOSIZE | X | X |
| JOBATTR | ✓ | ✓ |
| JOBNAME | ✓ | ✓ |
| JOBOFFSET | ✓ | ✓ |
| LANG | ✓ | ✓ |
| LOWTONER | ✓ | ✓ |
| MANUALFEED | ✓ | ✓ |
| MEDIASOURCE | X | X |
| MEDIATYPE | ✓ | ✓ |
| MPTRAY | ✓ | ✓ |
| ORIENTATION | ✓ | ✓ |
| OUTBIN | ✓ | ✓ |
| PAGEPROTECT | ✓ | ✓ |
| PAPER | ✓ | ✓ |
| PARALLEL | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn,<br>T652n/dn/dtn,<br>T654n/dn/dtn | X651 MFP,<br>X652 MFP,<br>X652 MFP,<br>X654 MFP,<br>X656 MFP,<br>X658 MFP |
| PASSWORD | ✓ | ✓ |
| PERSONALITY | ✓ | ✓ |
| POWERSAVE | ✓ | ✓ |
| POWERSAVETIME | ✓ | ✓ |
| PRINTQUALITY | X | X |
| QTY | ✓ | ✓ |
| RENDERMODE | X | X |
| REPRINT | ✓ | ✓ |
| RESOLUTION | ✓ | ✓ |
| RESOURCESAVE | ✓ | ✓ |
| RESOURCESAVESIZE | X | X |
| RET | X | X |
| TIMEOUT | ✓ | ✓ |
| USERNAME | ✓ | ✓ |
| WIDEA4 | ✓ | ✓ |

# Printer-unique PJL variables for both printer languages

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LACTIVEBINRESET | ✓ | ✓ |
| LADVANCEDSTATUS | ✓ | ✓ |
| LALARMCONTROL | ✓ | ✓ |
| LAUTOCRLF | ✓ | ✓ |
| LAUTOLFCR | ✓ | ✓ |
| LBAYERSCREENLIMIT | ✓ | ✓ |
| LBLANKPAGES | ✓ | ✓ |
| LBONDLENGTH | ✓ | ✓ |
| LBONDLOADING | ✓ | ✓ |
| LBONDOUTBIN | ✓ | ✓ |
| LBONDTEXTURE | ✓ | ✓ |
| LBONDWEIGHT | ✓ | ✓ |
| LBWLOCK | ✓ | ✓ |
| LCANCEL | ✓ | ✓ |
| LCARDSTOCKLENGTH | ✓ | ✓ |
| LCARDSTOCKLOADING | ✓ | ✓ |
| LCARDSTOCKOUTBIN | ✓ | ✓ |
| LCARDSTOCKTEXTURE | ✓ | ✓ |
| LCARDSTOCKWEIGHT | ✓ | ✓ |
| LCOLLATION | ✓ | ✓ |
| LCOLORCORRECTION | ✓ | ✓ |
| LCOLOREDLENGTH | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LCOLOREDLOADING | ✓ | ✓ |
| LCOLOREDOUTBIN | ✓ | ✓ |
| LCOLOREDTEXTURE | ✓ | ✓ |
| LCOLOREDWEIGHT | ✓ | ✓ |
| LCOLORMODEL | ✓ | ✓ |
| LCUSTOMPAPERUNITS | ✓ | ✓ |
| LCUSTOMPAPERWIDTH | ✓ | ✓ |
| LCUSTOMPAPERHEIGHT | ✓ | ✓ |
| LCUSTOMPAPERFEED | ✓ | ✓ |
| LCUSTOMTYPE1LENGTH | ✓ | ✓ |
| LCUSTOMTYPE1LOADING | ✓ | ✓ |
| LCUSTOMTYPE1MEDIA | ✓ | ✓ |
| LCUSTOMTYPE1NAME | ✓ | ✓ |
| LCUSTOMTYPE1OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE1TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE1WEIGHT | ✓ | ✓ |
| LCUSTOMTYPE2LENGTH | ✓ | ✓ |
| LCUSTOMTYPE2LOADING | ✓ | ✓ |
| LCUSTOMTYPE2MEDIA | ✓ | ✓ |
| LCUSTOMTYPE2NAME | ✓ | ✓ |
| LCUSTOMTYPE2OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE2TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE2WEIGHT | ✓ | ✓ |
| LCUSTOMTYPE3LENGTH | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LCUSTOMTYPE3LOADING | ✓ | ✓ |
| LCUSTOMTYPE3MEDIA | ✓ | ✓ |
| LCUSTOMTYPE3NAME | ✓ | ✓ |
| LCUSTOMTYPE3OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE3TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE3WEIGHT | ✓ | ✓ |
| LCUSTOMTYPE4LENGTH | ✓ | ✓ |
| LCUSTOMTYPE4LOADING | ✓ | ✓ |
| LCUSTOMTYPE4MEDIA | ✓ | ✓ |
| LCUSTOMTYPE4NAME | ✓ | ✓ |
| LCUSTOMTYPE4OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE4TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE4WEIGHT | ✓ | ✓ |
| LCUSTOMTYPE5LENGTH | ✓ | ✓ |
| LCUSTOMTYPE5LOADING | ✓ | ✓ |
| LCUSTOMTYPE5MEDIA | ✓ | ✓ |
| LCUSTOMTYPE5NAME | ✓ | ✓ |
| LCUSTOMTYPE5OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE5TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE5WEIGHT | ✓ | ✓ |
| LCUSTOMTYPE6LENGTH | ✓ | ✓ |
| LCUSTOMTYPE6LOADING | ✓ | ✓ |
| LCUSTOMTYPE6MEDIA | ✓ | ✓ |
| LCUSTOMTYPE6NAME | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LCUSTOMTYPE6OUTBIN | ✓ | ✓ |
| LCUSTOMTYPE6TEXTURE | ✓ | ✓ |
| LCUSTOMTYPE6WEIGHT | ✓ | ✓ |
| LDOWNLOADTARGET | ✓ | ✓ |
| LDRYTIMEDELAY | ✓ | ✓ |
| LDUPLEXLEFTMARGINOFFSET | X | X |
| LDUPLICATEHELDJOBS | ✓ | ✓ |
| LENVELOPEENHANCE | ✓ | ✓ |
| LENVELOPELENGTH | ✓ | ✓ |
| LENVELOPEOUTBIN | ✓ | ✓ |
| LENVELOPETEXTURE | ✓ | ✓ |
| LENVELOPEWEIGHT | ✓ | ✓ |
| LESCCHAR | ✓ | ✓ |
| LFAXRESOLUTION | ✓ | ✓ |
| LFAXREDIAL | ✓ | ✓ |
| LFAXREDIALFREQUENCY | ✓ | ✓ |
| LFAXTRANSMISSIONLOG | ✓ | ✓ |
| LFEEDERPAPERTYPE | ✓ | ✓ |
| LGLOSSYLOADING | X | X |
| LGLOSSYOUTPUTBIN | X | X |
| LGLOSSYTEXTURE | X | X |
| LGLOSSYWEIGHT | X | X |
| LHEAVYGLOSSYLOADING | X | X |
| LHEAVYGLOSSYOUTBIN | X | X |
| LHEAVYGLOSSYTEXTURE | X | X |
| LHEAVYGLOSSYWEIGHT | X | X |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LHOLEPUNCHALARM | ✓ | ✓ |
| LHOLEPUNCHMODE | ✓ | ✓ |
| LHONORINIT | ✓ | ✓ |
| LIMAGEBRIGHTNESS | ✓ | ✓ |
| LIMAGECONTRAST | ✓ | ✓ |
| LIMAGEENHANCE | ✓ | ✓ |
| LIMAGEENHANCETYPE | ✓ | ✓ |
| LIMAGEORIENTATION | ✓ | ✓ |
| LIMAGESMOOTHING | ✓ | ✓ |
| LINFEEDER | X | X |
| LINFEEDERSIZE | ✓ | ✓ |
| LINKALERT | ✓ | ✓ |
| LINMPFEEDERSIZE | ✓ | ✓ |
| LJAMRECOVERY | ✓ | ✓ |
| LLABELSLENGTH | ✓ | ✓ |
| LLABELSLOADING | ✓ | ✓ |
| LLABELSOUTBIN | ✓ | ✓ |
| LLABELSTEXTURE | ✓ | ✓ |
| LLABELSWEIGHT | ✓ | ✓ |
| LLEFTMARGINOFFSET | ✓ | ✓ |
| LLETTERHEADLENGTH | ✓ | ✓ |
| LLETTERHEADLOADING | ✓ | ✓ |
| LLETTERHEADOUTBIN | ✓ | ✓ |
| LLETTERHEADTEXTURE | ✓ | ✓ |
| LLETTERHEADWEIGHT | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LMANUALCOLORRGBTEXT | ✓ | ✓ |
| LMANUALCOLORRGBGRAPHICS | ✓ | ✓ |
| LMANUALCOLORRGBIMAGE | ✓ | ✓ |
| LMANUALCOLORCMYKTEXT | ✓ | ✓ |
| LMANUALCOLORCMYKGRAPHICS | ✓ | ✓ |
| LMANUALCOLORCMYKIMAGE | ✓ | ✓ |
| LMANUALENVELOPESIZE | ✓ | ✓ |
| LMANUALENVELOPETYPE | ✓ | ✓ |
| LMANUALPAPERSIZE | ✓ | ✓ |
| LMANUALPAPERTYPE | ✓ | ✓ |
| LMAXSTATUSMSG | ✓ | ✓ |
| LMPFEEDERPAPERTYPE | ✓ | ✓ |
| LMULTIPAGEBORDER | ✓ | ✓ |
| LMULTIPAGEORDER | ✓ | ✓ |
| LMULTIPAGEPRINT | ✓ | ✓ |
| LMULTIPAGEVIEW | ✓ | ✓ |
| LNPAP | ✓ | ✓ |
| LOPTIONALOUTBIN1NAME | ✓ | ✓ |
| LOPTIONALOUTBIN2NAME | ✓ | ✓ |
| LOPTIONALOUTBIN3NAME | ✓ | ✓ |
| LOPTIONALOUTBIN4NAME | ✓ | ✓ |
| LOPTIONALOUTBIN5NAME | ✓ | ✓ |
| LOPTIONALOUTBIN6NAME | ✓ | ✓ |
| LOPTIONALOUTBIN7NAME | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LOPTIONALOUTBIN8NAME | ✓ | ✓ |
| LOPTIONALOUTBIN9NAME | ✓ | ✓ |
| LOPTIONALOUTBIN10NAME | ✓ | ✓ |
| LOUTBINCONFIG | ✓ | ✓ |
| LOVERFLOWOUTBIN | ✓ | ✓ |
| LOVERFLOWTIMER | ✓ | ✓ |
| LPAGECOUNT | ✓ | ✓ |
| LPAGEMODE | ✓ | ✓ |
| LPAPERSOURCE | ✓ | ✓ |
| LPICTUREGRADE | ✓ | ✓ |
| LPLAINLENGTH | ✓ | ✓ |
| LPLAINOUTBIN | ✓ | ✓ |
| LPLAINTEXTURE | ✓ | ✓ |
| LPLAINWEIGHT | ✓ | ✓ |
| LPOWERSAVER | ✓ | ✓ |
| LPPDS | ✓ | ✓ |
| LPPDSFORMLINES | ✓ | ✓ |
| LPPDSLINESPERINCH | ✓ | ✓ |
| LPREPRINTEDLENGTH | ✓ | ✓ |
| LPREPRINTEDLOADING | ✓ | ✓ |
| LPREPRINTEDOUTBIN | ✓ | ✓ |
| LPREPRINTEDTEXTURE | ✓ | ✓ |
| LPREPRINTEDWEIGHT | ✓ | ✓ |
| LPRINTBUFFER | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LPRINTHEADIDLETIME | ✓ | ✓ |
| LPRINTERUSAGE | ✓ | ✓ |
| LPRINTMENUSBUTTON | ✓ | ✓ |
| LPRINTQUALITY | ✓ | ✓ |
| LPUNCH | ✓ | ✓ |
| LREAROUTBINNAME | ✓ | ✓ |
| LREPEATPRINTLIMIT | ✓ | ✓ |
| LRESET | ✓ | ✓ |
| LRESOURCESAVE | ✓ | ✓ |
| LRIGHTMARGINOFFSET | ✓ | ✓ |
| LROUGHENVELOPELOADING | X | X |
| LSCREENING | ✓ | ✓ |
| LSEPARATORSHEETS | ✓ | ✓ |
| LSEPARATORSOURCE | ✓ | ✓ |
| LSSGALVO | X | X |
| LSTANDARDOUTBINNAME | ✓ | ✓ |
| LSTAPLE | ✓ | ✓ |
| LSTAPLESEMPTYALARM | ✓ | ✓ |
| LSTAPLETESTBIN | ✓ | ✓ |
| LSTAPLETESTSOURCE | ✓ | ✓ |
| LSTROKEWIDTH | X | X |
| LSUBSTITUTESIZE | ✓ | ✓ |
| LTOPBINROTATE | ✓ | ✓ |
| LTOPMARGINOFFSET | ✓ | ✓ |
| LTRANSPARENCYLENGTH | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LTRANSPARENCYOUTBIN | ✓ | ✓ |
| LTRANSPARENCYTEXTURE | ✓ | ✓ |
| LTRANSPARENCYWEIGHT | ✓ | ✓ |
| LTRAY1AUTOSIZE | ✓ | ✓ |
| LTRAY1PAPERTYPE | ✓ | ✓ |
| LTRAY1RENUMBER | ✓ | ✓ |
| LTRAY1SENSEDTYPEPAPER | ✓ | ✓ |
| LTRAY1SENSEDTYPETRANSPARENCY | ✓ | ✓ |
| LTRAY2AUTOSIZE | ✓ | ✓ |
| LTRAY2PAPERTYPE | ✓ | ✓ |
| LTRAY2SENSEDTYPEPAPER | ✓ | ✓ |
| LTRAY2SENSEDTYPETRANSPARENCY | ✓ | ✓ |
| LTRAY3AUTOSIZE | ✓ | ✓ |
| LTRAY3PAPERTYPE | ✓ | ✓ |
| LTRAY3SENSEDTYPEPAPER | ✓ | ✓ |
| LTRAY3SENSEDTYPETRANSPARENCY | ✓ | ✓ |
| LTRAY4AUTOSIZE | ✓ | ✓ |
| LTRAY4PAPERTYPE | ✓ | ✓ |
| LTRAY4SENSEDTYPEPAPER | ✓ | ✓ |
| LTRAY4SENSEDTYPETRANSPARENCY | ✓ | ✓ |
| LTRAY5AUTOSIZE | ✓ | ✓ |
| LTRAY5PAPERTYPE | ✓ | ✓ |
| LTYPE1FONTS | ✓ | ✓ |
| LUSDEFAULTS | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LVINYLLABELSLOADING | ✓ | ✓ |
| LVINYLLABELSOUTBIN | ✓ | ✓ |
| LVINYLLABELSTEXTURE | ✓ | ✓ |
| LVINYLLABELSWEIGHT | ✓ | ✓ |

# Common variables for PCL emulation

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| FONTNUMBER | ✓ | ✓ |
| FONTSOURCE | ✓ | ✓ |
| PITCH | ✓ | ✓ |
| PTSIZE | ✓ | ✓ |
| SYMSET | ✓ | ✓ |

# Printer-unique variables for PCL emulation

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LA4WIDTH | ✓ | ✓ |
| LASSIGNFEEDER | ✓ | ✓ |
| LASSIGNMANUALENVELOPE | ✓ | ✓ |
| LASSIGNMANUALPAPER | ✓ | ✓ |
| LASSIGNMPFEEDER | ✓ | ✓ |
| LASSIGNTRAY1 | ✓ | ✓ |
| LASSIGNTRAY2 | ✓ | ✓ |
| LASSIGNTRAY3 | ✓ | ✓ |
| LASSIGNTRAY4 | ✓ | ✓ |
| LASSIGNTRAY5 | ✓ | ✓ |
| LBITMAPROUNDING | ✓ | ✓ |
| LCOLOREXTENSIONS | ✓ | ✓ |
| LFONTCOMPATIBILITY | ✓ | ✓ |
| LFONTPRIORITY | ✓ | ✓ |

# Common variables for PostScript emulation

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| JAMRECOVERY | ✓ | ✓ |
| PRTPSERRS | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| ADOBEMBT | X | X |

# Printer-unique variables for PostScript emulation

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LPICTUREGRADE | ✓ | ✓ |
| LPSFONTPRIORITY | ✓ | ✓ |

# Printer-unique LRESOURCE variables

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LDESCRIPTION | ✓ | ✓ |
| LRWLOCK | ✓ | ✓ |
| LWLOCK | ✓ | ✓ |

# Status Readback commands

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Dinquire | ✓ | ✓ |
| Echo | ✓ | ✓ |
| Info | ✓ | ✓ |
| Inquire | ✓ | ✓ |
| Ustatus | ✓ | ✓ |
| Ustatusoff | ✓ | ✓ |

# USTATUS unsolicited status variables

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Variable name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| DEVICE | ✓ | ✓ |
| JOB | ✓ | ✓ |
| PAGE | ✓ | ✓ |
| TIMED | ✓ | ✓ |

# PJL messages for auto-continuable conditions

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - PPDS Font Error | 30014 | `50 PPDS Font Error` | ✓ | ✓ |
| Intervention Required - Insufficient Collation Area | 30016 | `37 Insufficient Collation Area` | X | X |
| Intervention Required - Insufficient Defragment Memory | 30016 | `37 Insufficient Defrag Memory` | X | X |
| Intervention Required - Insufficient Memory | 30016 | `37 Insufficient Memory` | X | X |
| Intervention Required - Insufficient Defragment Memory | 30016 | `37 Insufficient memory, some Held Jobs were deleted` | ✓ | ✓ |
| Intervention Required - Insufficient Defragment Memory | 30016 | `37 Insufficient memory, some Held Jobs will not be restored` | ✓ | ✓ |
| Intervention Required - Insufficient Collation Area | 30016 | `37 Insufficient memory to collate job` | ✓ | ✓ |
| Intervention Required - Memory Full | 30016 | `38 Memory Full` | ✓ | ✓ |
| Intervention Required - Configuration Change | 30016 | `57 Configuration Change` | X | X |
| Intervention Required - Configuration Change | 30016 | `57 Configuration change, some held jobs were not restored` | ✓ | ✓ |
| Intervention Required - Held Jobs May Not Be Restored | 30016 | `Held Jobs May Not Be Restored` | X | X |
| Intervention Required - Held Jobs May Not Be Restored | 30016 | `Some held jobs were not restored` | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Complex Page | 30017 | `39 Complex Page` | ✓ | ✓ |
| Intervention Required - Parallel Error | 30018 | `54 Parallel Error` | X | X |
| Intervention Required - Serial Option Error | 30018 | `54 Serial option <slot #> error` | ✓ | ✓ |
| Intervention Required - Network Software Error | 30018 | `54 Standard Network Software Error` | ✓ | ✓ |
| Intervention Required - Standard Serial Error | 30018 | `54 Standard Serial Error` | X | X |
| Intervention Required - Network Software Error | 30018 | `54 Std Network Software Error` | X | X |
| Intervention Required - Standard Serial Fax Connection Lost | 30018 | `54 Std Ser Fax Connection Lost` | X | X |
| Intervention Required - Parallel Port Disabled | 30018 | `56 Parallel Port Disabled` | X | X |
| Intervention Required - Parallel Port Error | 30018 | `56 Parallel Port Disabled` | X | X |
| Intervention Required - Serial Option Disabled | 30018 | `56 Serial <slot #> Port Disabled` | ✓ | ✓ |
| Intervention Required - Standard Serial Disabled | 30018 | `56 Standard Serial Disabled` | X | X |
| Intervention Required - Standard USB Disabled | 30018 | `56 Standard USB Port Disabled` | ✓ | ✓ |
| Intervention Required - Std Parallel Port Disabled | 30018 | `56 Std Parallel Port Disabled` | X | X |
| Intervention Required - Resource Save Off Deficient Memory | 30019 | `35 Res Save Off Deficient Memory` | ✓ | ✓ |
| Intervention Required - Insufficient Fax Buffer | 30026 | `55 Insufficient Fax Buffer` | X | X |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Std Par ENA Connection Lost | 30027 | `54 Std Par ENA Connection Lost` | X | X |
| Intervention Required - Standard Parallel Port Disabled | 30027 | `56 Standard Parallel Port Disabled` | ✓ | X |
| Intervention Required - Std Parallel Port Disabled | 30027 | `56 Std Parallel Port Disabled` | X | X |
| Intervention Required - Resolution Reduced | 30029 | `36 Resolution Reduced` | X | X |
| Intervention Required - Print Jobs on Disk Request | 30031 | `Print Jobs on Disk?` or<br>`Print Jobs on Disk. Go/Stop?` | X | X |
| Intervention Required - Restore Held Jobs. Go/Stop? | 30031 | `Restore Held Jobs. Go/Stop?` | ✓ | ✓ |
| Intervention Required - Short Paper | 30034 | `34 Short Paper` | ✓ | ✓ |
| Intervention Required - Flash Full | 30035 | `52 Flash Full` | ✓ | ✓ |
| Intervention Required - Disk Full | 30035 | `62 Disk Full` | ✓ | ✓ |
| Intervention Required - Defective Flash | 30036 | `51 Defective Flash` | ✓ | ✓ |
| Intervention Required - Unformatted Flash | 30036 | `53 Unformatted Flash` | X | X |
| Intervention Required - Defective Disk | 30036 | `61 Defective Disk` | X | X |
| Intervention Required - Unformatted Disk | 30036 | `63 Unformatted Disk` | X | X |
| Intervention Required - Scheduled Maintenance | 30075 | `80 Scheduled Maintenance` | X | X |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Resource Save Off Deficient Memory | 30076 | `35 Res Save Off Deficient Memory` | ✓ | ✓ |
| Intervention Required - Insufficient Collation Area | 30076 | `37 Insufficient Collation Area` | X | X |
| Intervention Required - Empty Box M | 30107 | `Empty Box M` | X | X |
| Intervention Required - Empty Hole Punch Box | 30107 | `Empty Hole Punch Box` | X | X |
| Intervention Required - Insert Box M | 30107 | `Insert Box M` | X | X |
| Intervention Required - Insert Staple Cartridge | 30107 | `Insert staple cartridge` | ✓ | ✓ |
| Intervention Required - Insert Stapler | 30107 | `Insert Stapler` | X | X |
| Intervention Required - Priming Failed | 30107 | `Priming Failed, Retry. Go/Stop?` | X | X |
| Intervention Required - Network <x> Software Error | 30112 | `54 Network <x> Software Error` | ✓ | ✓ |
| Intervention Required - Serial <x> Fax Connection Lost | 30112 | `54 Ser <x> Fax Connection Lost` | X | X |
| Intervention Required - Serial Option <x> Error | 30112 | `54 Serial Option <x> Error` | ✓ | ✓ |
| Intervention Required - Serial Port <x> Disabled | 30112 | `56 Serial Port <x> Disabled` | ✓ | ✓ |
| Intervention Required - USB Port Disabled | 30112 | `56 USB Port <x> Disabled` | ✓ | ✓ |
| Intervention Required - Parallel <x> ENA Connection Lost | 30113 | `54 Par <x> ENA Connection Lost` | X | X |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Parallel <x> Port Disabled | 30113 | `56 Parallel Port <x> Disabled` | ✓ | ✓ |
| Intervention Required - Disk Operation Failed Faxes on Disk | 32001 | `Operation Failed Faxes on Disk` | X | X |
| Intervention Required - Disk Operation Failed Jobs on Disk | 32001 | `Operation Failed Jobs on Disk` | X | X |
| Intervention Required - Flash Full | 32002 | `52 Flash Full` | X | X |
| Intervention Required - Flash Full | 32002 | `52 Not enough free space in flash memory for resources` | ✓ | ✓ |
| Intervention Required - Disk Full | 32002 | `62 Disk full` | ✓ | ✓ |
| Intervention required - Disk Corrupted. Reformat? | 32015 | `Disk Corrupted. Reformat?` | ✓ | ✓ |
| Intervention Required - Too Many Flash Options Installed | 32030 | `58 Too Many Flash Options` | X | X |
| Intervention Required - Unformatted Flash | 32052 | `53 Unformatted Flash` | X | X |
| Intervention Required - Unformatted Disk | 32052 | `63 Unformatted disk` | ✓ | ✓ |
| Intervention Required - Unsupported Disk Format | 32052 | `64 Unsupported Disk Format` | X | X |
| Intervention Required - Defective Flash | 32056 | `51 Defective Flash` | X | X |
| Intervention Required - Defective Flash | 32056 | `51 Defective flash detected` | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Defective Disk | 32056 | `61 Defective Disk` | X | X |
| Intervention Required - Defective Disk | 32056 | `61 Remove defective disk` | ✓ | ✓ |
| Intervention Required - Scheduled Maintenance | 35075 | `80 Scheduled Maintenance` | X | X |
| Intervention Required - Scheduled Maintenance | 35075 | `81 Scheduled Maintenance` | X | X |
| Intervention Required - Belt Life Warning | 40038 | `80 Belt Life Warning` | X | X |
| Intervention Required - Belt Exhausted | 40038 | `80 Belt Exhausted` | X | X |
| Intervention Required - Fuser Maintenance | 40038 | `80 Fuser Maintenance` | X | X |
| Intervention Required - Fuser Life Warning | 40038 | `80 Fuser Life Warning` | X | X |
| Intervention Required - Fuser Exhausted | 40038 | `80 Fuser Exhausted` | X | X |
| Intervention Required - Fuser/Belt Life Warning | 40038 | `80 Fuser/Belt Life Warning` | X | X |
| Intervention Required - Fuser/Belt Exhausted | 40038 | `80 Fuser/Belt Exhausted` | X | X |
| Intervention Required - ITU Maintenance | 40038 | `83 ITU Maintenance` | X | X |

# PJL messages for attendance conditions

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Too Many Bins Attached | 32030 | `58 Too many bins attached` | ✓ | ✓ |
| Intervention Required - Too Many Flash Options Installed | 32030 | `58 Too many flash options installed` | ✓ | ✓ |
| Intervention Required - 30 Coating Roll Missing | 40010 | `30 Coating Roll Missing` | X | X |
| Intervention Required - 30 CMYK* Print Unit Missing | 40010 | `30 CMYK* Print Unit Missing` | X | X |
| Intervention Required - Insert Hole Punch Box | 40010 | `Insert Hole Punch Box` | X | X |
| Intervention Required - Insert PC Cartridge | 40010 | `Insert PC Cartridge` | X | X |
| Intervention Required - Cartridge Life Expired | 40021 | `Cartridge Life Expired CMYK*` | X | X |
| Intervention Required - Cartridge Life Warning | 40021 | `Cartridge Life Warning CMYK*` | X | X |
| Intervention Required - Printer Upper Door Open | 40021 | `Cover Open, Close Top Covers, Close Door, or Insert Cartridge` | X | X |
| Intervention Required - Printer Cover Open | 40021 | `Close Cover` | X | X |
| Intervention Required - Close Toner Box Cover | 40021 | `Close Cover` | X | X |
| Intervention Required - Close Deflector G | 40021 | `Close Deflector G` | X | X |
| Intervention Required - Invalid Refill | 40021 | `30 Invalid Refill Change Cartridge` | ✓ | ✓ |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Defective Print Cartridge | 40021 | `31 Defective Print Cartridge` | X | X |
| Intervention Required - Defective Ink Cartridge | 40021 | `31 Defective Cartridge CMYK*` | X | X |
| Intervention Required - Missing Cartridge | 40021 | `31 Missing Cartridge CMYK*` | X | X |
| Intervention Required - Missing Printhead | 40021 | `31 Missing Printhead` | X | X |
| Intervention Required - Defective Print Cartridge | 40021 | `31 Replace defective cartridge` | ✓ | ✓ |
| Intervention Required - Unsupported Print Cartridge | 40021 | `32 Unsupported Print Cartridge` | X | X |
| Intervention Required - Unsupported CMYK* Cartridge | 40021 | `32 Unsupported CMYK* Cartridge` | X | X |
| Intervention Required - Unsupported Cartridge | 40021 | `32 Unsupported Cartridge` | X | X |
| Intervention Required - Unsupported Printhead | 40021 | `32 Unsupported Printhead` | X | X |
| Intervention Required - Tray Size Sense Error | 40021 | `40 Tray <x> Size Sense Error` | X | X |
| Intervention Required - Open Bin Exit Tray | 40021 | `41 Open Bin 1 Exit Tray` | X | X |
| Intervention Required - Cartridge Region Mismatch | 40021 | `42.xy Cartridge region mismatch` | ✓ | ✓ |
| Intervention Required - Change CartridgeInvalid Refill | 40021 | `Change Cartridge Invalid Refill` | X | X |
| Intervention Required - Open Cover | 40021 | `Open Cover` | X | X |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Open Rear Door | 40021 | `Open Rear Door` | X | X |
| Intervention Required - Close Front Door | 40021 | `Close Front Door` | X | X |
| Intervention Required - Close Side Door | 40021 | `Close Side Door` | X | X |
| Intervention Required - Close Finisher Door | 40021 | `Close Finisher Door` | X | X |
| Intervention Required - Close Finisher Side Door | 40021 | `Close Finisher Side Door` | ✓ | ✓ |
| Intervention Required - Close Finisher Top Cover | 40021 | `Close Finisher Top Cover` | ✓ | ✓ |
| Intervention Required - Close Door <d> | 40021 | `Close Door <d>` | X | X |
| Intervention Required - Close Door Insert Cartridge | 40021 | `Close door or insert cartridge` | ✓ | ✓ |
| Intervention Required - Close Cover <c> | 40021 | `Close Cover <c>` | X | X |
| Intervention Required - Close Tray <x> Top Cover | 40021 | `Close Tray <x> Top Cover` | X | X |
| Intervention Required - Insert Print Cartridge | 40021 | `Insert Print Cartridge` | X | X |
| Intervention Required - Paper Jam | 40022 | `2xx Paper Jam` | ✓ | ✓ |
| Intervention Required - Check Tray Connection | 40027 | `Check tray <source #> connection` | ✓ | ✓ |
| Intervention Required - Install Tray <x> or Cancel Job | 40027 | `Install Tray <x>` | ✓ | ✓ |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Install Tray <x> or Cancel Job | 40027 | `Install Tray <x> or Cancel Job` | X | X |
| Intervention Required - Reattach Envelope Feeder | 40028 | `Reattach Envelope Feeder` | ✓ | ✓ |
| Intervention Required - Install Envelope Feeder | 40028 | `Install envelope feeder` | ✓ | ✓ |
| Intervention Required - Install Env Feeder or Cancel Job | 40028 | `Install Env Feed or Cancel Job` | X | X |
| Intervention Required - Reattach MP Feeder | 40028 | `Reattach MP Feeder` | X | X |
| Intervention Required - Reattach Output Bin | 40029 | `Reattach Output Bin <bin #>` | ✓ | ✓ |
| Intervention Required - Reattach Bins | 40029 | `Reattach Bins <bin #x–bin #y>` | ✓ | ✓ |
| Intervention Required - Install Bin <x> or Cancel Job | 40029 | `Install Bin <x> or Cancel Job` | ✓ | ✓ |
| Intervention Required - Check Finisher Installation | 40029 | `Check Finisher Installation` | X | X |
| Intervention Required - Check Mailbox Installation | 40029 | `Check Mailbox Installation` | X | X |
| Intervention Required - Tray Config Error | 40030 | `33 Tray <x> Config Erro` | X | X |
| Intervention Required - Input Config Error | 40030 | `58 Input Config Error` | X | X |
| Intervention Required - Too Many Trays Attached | 40030 | `58 Too many trays attached` | ✓ | ✓ |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Too Many Bins Attached | 40030 | `58 Too Many Bins Attached` | X | X |
| Intervention Required - Too Many Disks Installed | 40030 | `58 Too many disks installed` | ✓ | ✓ |
| Intervention Required - Too Many Disks Installed | 40036 | `58 Too Many Disks Installed` | X | X |
| Intervention Required - PerfectFinish Missing | 40037 | `31 PerfectFinish Missing` | X | X |
| Intervention Required - PerfectFinish Empty | 40037 | `87 PerfectFinish Empty` | X | X |
| Intervention Required - Toner Low | 40038 | `88 Toner Low` | X | X |
| Intervention Required - Toner Low | 40038 | `88 Yellow Toner Low`<br>`88 Magenta Toner Low`<br>`88 Cyan Toner Low`<br>`88 Black Toner Low` | X | X |
| | | `88 Color Print Cartridge Low`<br>`88 Black Print Cartridge Low`<br>`88 Photo Print Cartridge Low` | X | X |
| | | `88 Yellow Toner Empty`<br>`88 Magenta Toner Empty`<br>`88 Cyan Toner Empty`<br>`88 Black Toner Empty` | X | X |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| √ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - 84 Black Photo Dev Life Warning | 40038 | `84 Black Photo Dev Life Warning` | X | X |
| Intervention Required - 84 Color Photo Dev Life Warning | 40038 | `84 Color Photo Dev Life Warning` | X | X |
| Intervention Required - 84 All Photo Devs Exhausted | 40038 | `84 All Photo Devs Exhausted` | X | X |
| Intervention Required - 84 Black Photo Dev Exhausted | 40038 | `84 Black Photo Dev Exhausted` | X | X |
| Intervention Required - Cartridge Low | 40038 | `88 Cartridge Low <CMYK>` | X | X |
| Intervention Required - Cartridge Low | 40038 | `88 Cartridge Low` | √ | √ |
| Intervention Required - Cartridge Nearly Low | 40038 | `88.yy Cartridge nearly low` | √ | √ |
| Intervention Required - Replace PC Kit | 40038 | `Replace PC Kit` | X | X |
| Intervention Required - Replace PC Kit To Continue | 40038 | `Replace PC Kit To Continue` | X | X |
| Intervention Required - Replace Toner Cartridge | 40038 | `Replace Toner Cartridge` | X | X |
| Intervention Required - Replace Toner Cartridge To Continue | 40038 | `Replace Toner To Continue` | X | X |
| Intervention Required - Replace Oil Coating Roll | 40038 | `Replace Oil Coating Roll` | X | X |
| Intervention Required - Cartridge Empty | 40039 | `89 Cartridge Empty <CMYK>` | X | X |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Load Staples | 40040 | `Load Staples` | X | X |
| Intervention Required - Priming Failed. Retry? | 40041 | `Priming Failed. Retry?` | X | X |
| Intervention Required - OPMSG | 40048 | OPMSG message | ✓ | ✓ |
| Intervention Required - STMSG | 40049 | STMSG message | ✓ | ✓ |
| Intervention Required - Replace Fuser | 40050 | `Replace Fuser` | X | X |
| Intervention Required - Replace Transfer Kit | 40050 | `Replace Transfer Kit` | X | X |
| Intervention Required - Incompatible Bin <x> | 40087 | `59 Incompatible Bin <x>` | X | X |
| Intervention Required - Incompatible Bin <x> | 40087 | `59 Incompatible output bin <x>` | ✓ | ✓ |
| Intervention Required - Incompatible Duplex | 40088 | `59 Incompatible Duplex` | X | X |
| Intervention Required - Incompatible Duplex | 40088 | `59 Incompatible duplex` | ✓ | ✓ |
| Intervention Required - Incompatible Tray <x> | 40089 | `59 Incompatible Tray <x>` | X | X |
| Intervention Required - Incompatible Tray <x> | 40089 | `59 Incompatible tray <x>` | ✓ | ✓ |
| Intervention Required - Incompatible Envelope Feeder | 40090 | `59 Incompatible Envelope Feeder` | X | X |
| Intervention Required - Incompatible Envelope Feeder | 40090 | `59 Incompatible envelope feeder` | ✓ | ✓ |

* This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively.

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Check Duplex Connection | 40095 | `Check Duplex Connection` | X | X |
| Intervention Required - Check Duplex Connection | 40095 | `Check duplex connection` | ✓ | ✓ |
| Intervention Required - Install Duplex or Cancel Job | 40095 | `Install Duplex or Cancel Job` | X | X |
| Intervention Required - Install Duplex or Cancel Job | 40095 | `Install duplex` | ✓ | ✓ |
| Intervention Required - Duplex Cover Open | 40096 | `Close Duplex Door` | X | X |
| Intervention Required - Insert Duplex Option | 40096 | `Insert Duplex Option` | X | X |
| Intervention Required - Load Staples | 40101 | `Load Staples` | ✓ | ✓ |
| Intervention Required - Insert Hole Punch Box | 40107 | `Insert the hole punch box` | ✓ | ✓ |
| * This message contains a subset of letters CMYK, where CMYK denotes Cyan, Magenta, Yellow, and Black cartridges, respectively. | | | | |

# PJL messages for paper handling

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| Message | Status code | Return string | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Tray <x> Empty | 11xyy | `Tray <source #> Empty` | ✓ | ✓ |
| Intervention Required - Tray <x> Missing | 12x01 | `Tray <source #> Missing` | ✓ | ✓ |
| Intervention Required - Bin <x> Full | 15ww1 | `Bin <Bin #> Full` | ✓ | ✓ |
| Intervention Required - Wrong Paper Size in Tray <x> | 30034 | `34 Wrong Paper Size in Tray <x>` | X | X |
| Intervention Required - Wrong Paper Size Manual Feed | 30034 | `34 Wrong Paper Size Manual Feed` | X | X |
| Intervention Required - Remove Paper Standard Bin | 40019 | `Remove Paper Standard Bin` | X | X |
| Intervention Required - Remove Paper From Standard Output Bin | 40019 | `Remove paper from standard output bin` | ✓ | ✓ |
| Intervention Required - Remove Paper Outbin <bin #> | 40019 | `Remove Paper Output Bin <bin #>` | X | X |
| Intervention Required - Remove Paper From <bin #> | 40019 | `Remove paper from bin <bin #>` | ✓ | ✓ |
| Intervention Required - Remove Paper All Output Bins | 40019 | `Remove Paper All Output Bins` | X | X |
| Intervention Required - Remove Paper From All Bins | 40019 | `Remove paper from all bins` | ✓ | ✓ |
| Intervention Required - Remove Paper <linked set bin name> | 40019 | `Remove Paper <linked set bin name>` | X | X |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Remove Paper <linked set bin name> | 40019 | `Remove paper from <linked set bin name>` | ✓ | ✓ |
| Intervention Required - Photoconductor Exposure Warning | 40025 | `Photoconductor exposure warning` | X | X |
| Intervention Required - Check <Source> Paper Guide | 4100x | `Check <source> Paper Guide` | ✓ | ✓ |
| Intervention Required - Incorrect Media | 41xy | `Paper changes needed` | ✓ | ✓ |
| Intervention Required - Incorrect Media | 41xyy | `34 Incorrect Media` | X | X |
| Intervention Required - Load Request | 41xyy | `Load <source>`<br>`<Custom Type Name>`<br>`<Custom String>`<br>`<size>`<br>`<type><size>` | X | X |
| Intervention Required - Load Request | 41xyy | `Load <source>`<br>`with <Custom Type Name>`<br>`<Custom String>`<br>`with <size>`<br>`with <type><size>` | ✓ | ✓ |
| Intervention Required - Load Manual Request | 41xxy | `Load Manual`<br>`<Custom Type Name>`<br>`<Custom String>`<br>`<size>`<br>`<type><size>` | X | X |
| Intervention Required - Load Manual Request | 41xxy | `Load Manual Feeder`<br>`with <Custom Type Name>` | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | | Printer model | |
|---|---|---|---|---|
| **Message** | **Status code** | **Return string** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Load Manual Request | 41xxy | `Load Manual Feeder with <Custom String>` | ✓ | ✓ |
| Intervention Required - Load Manual Request | 41xxy | `Load Manual Feeder with <size>` | ✓ | ✓ |
| Intervention Required - Load Manual Request | 41xxy | `Load Manual Feeder with <type><size>` | ✓ | ✓ |
| Intervention Required - Change Request | 41xyy | `Change <source> <Custom Type Name> <Custom String> <size> <type><size>` | ✓ | ✓ |
| Intervention Required - Load Manual Request | 41xyy | `Load Manual Feeder with <size>` | ✓ | ✓ |
| Intervention Required - Load Manual Request | 41xyy | `Load Manual Feeder with <size><type>` | ✓ | ✓ |
| Intervention Required - Insert Duplex Pages & Press Go. | 412yy | `Insert Duplex Pages & Press Go.` | X | X |
| Intervention Required - Insert Tray Request | 4300x | `Insert Tray <x>` | ✓ | ✓ |

# PJL messages for paper jams

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4200x | X | X |
| Intervention Required - Paper Jam | 4200z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4201x | X | X |
| Intervention Required - Paper Jam | 4201z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4202x | X | X |
| Intervention Required - Paper Jam | 4202z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4203x | X | X |
| Intervention Required - Paper Jam | 4203z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4204x | X | X |
| Intervention Required - Paper Jam | 4205x | X | X |
| Intervention Required - Paper Jam | 4206x | X | X |
| Intervention Required - Paper Jam | 4207x | X | X |
| Intervention Required - Paper Jam | 4208x | X | X |
| w indicates this message includes a letter indicating a door or cover that needs to be opened.<br>x represents the number of jammed pages in the printer.<br>y represents the tray number.<br>z represents the bin number. | | | |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4209x | X | X |
| Intervention Required - Paper Jam | 4210x | X | X |
| Intervention Required - Paper Jam | 4211x | X | X |
| Intervention Required - Paper Jam | 4220x | X | X |
| Intervention Required - Paper Jam | 4221x | X | X |
| Intervention Required - Paper Jam | 4222x | X | X |
| Intervention Required - Paper Jam | 4230x | X | X |
| Intervention Required - Paper Jam | 4230z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4231x | X | X |
| Intervention Required - Paper Jam | 4232x | X | X |
| Intervention Required - Paper Jam | 4233x | X | X |
| Intervention Required - Paper Jam | 4234 | X | X |
| Intervention Required - Paper Jam | 424yx | X | X |
| Intervention Required - Paper Jam | 424xz | ✓ | ✓ |

w indicates this message includes a letter indicating a door or cover that needs to be opened.
x represents the number of jammed pages in the printer.
y represents the tray number.
z represents the bin number.

| √ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4241wy | X | X |
| Intervention Required - Paper Jam | 4241z | X | X |
| Intervention Required - Paper Jam | 4242wy | X | X |
| Intervention Required - Paper Jam | 4242z | X | X |
| Intervention Required - Paper Jam | 4243w | X | X |
| Intervention Required - Paper Jam | 4243z | X | X |
| Intervention Required - Paper Jam | 4244wy | X | X |
| Intervention Required - Paper Jam | 4244z | X | X |
| Intervention Required - Paper Jam | 4245w | X | X |
| Intervention Required - Paper Jam | 4246w | X | X |
| Intervention Required - Paper Jam | 4247wy | X | X |
| Intervention Required - Paper Jam | 4248w | X | X |
| Intervention Required - Paper Jam | 4249w | X | X |
| Intervention Required - Paper Jam | 4250w | X | X |

w indicates this message includes a letter indicating a door or cover that needs to be opened.
x represents the number of jammed pages in the printer.
y represents the tray number.
z represents the bin number.

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4250z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4250x | X | X |
| Intervention Required - Paper Jam | 4251wy | X | X |
| Intervention Required - Paper Jam | 4251x | X | X |
| Intervention Required - Paper Jam | 4252w | X | X |
| Intervention Required - Paper Jam | 4253w | X | X |
| Intervention Required - Paper Jam | 4254wy | X | X |
| Intervention Required - Paper Jam | 4255 | X | X |
| Intervention Required - Paper Jam | 4256w | X | X |
| Intervention Required - Paper Jam | 4257w | X | X |
| Intervention Required - Paper Jam | 4258w | X | X |
| Intervention Required - Paper Jam | 4259wy | X | X |
| Intervention Required - Paper Jam | 4260w | X | X |
| Intervention Required - Paper Jam | 4260z | ✓ | ✓ |

w indicates this message includes a letter indicating a door or cover that needs to be opened.
x represents the number of jammed pages in the printer.
y represents the tray number.
z represents the bin number.

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4260x | X | X |
| Intervention Required - Paper Jam | 4261w | X | X |
| Intervention Required - Paper Jam | 4261x | X | X |
| Intervention Required - Paper Jam | 427zx | X | X |
| Intervention Required - Paper Jam | 427xz | ✓ | ✓ |
| Intervention Required - Paper Jam | 4271 | X | X |
| Intervention Required - Paper Jam | 4271z | X | X |
| Intervention Required - Paper Jam | 4272 | X | X |
| Intervention Required - Paper Jam | 4272z | X | X |
| Intervention Required - Paper Jam | 4273 | X | X |
| Intervention Required - Paper Jam | 4280w | X | X |
| Intervention Required - Paper Jam | 4280x | X | X |
| Intervention Required - Paper Jam | 4280z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4281w | X | X |

w indicates this message includes a letter indicating a door or cover that needs to be opened.
x represents the number of jammed pages in the printer.
y represents the tray number.
z represents the bin number.

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Status code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Intervention Required - Paper Jam | 4281x | X | X |
| Intervention Required - Paper Jam | 4281z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4282w | X | X |
| Intervention Required - Paper Jam | 4282x | X | X |
| Intervention Required - Paper Jam | 4282z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4283w | X | X |
| Intervention Required - Paper Jam | 4283x | X | X |
| Intervention Required - Paper Jam | 4283z | ✓ | ✓ |
| Intervention Required - Paper Jam | 4284w | X | X |
| Intervention Required - Paper Jam | 4284x | X | X |
| Intervention Required - Paper Jam | 4285w | X | X |
| Intervention Required - Paper Jam | 4286w | X | X |
| Intervention Required - Paper Jam | 4287 | X | X |
| Intervention Required - Paper Jam | 4287z | X | X |

w indicates this message includes a letter indicating a door or cover that needs to be opened.
x represents the number of jammed pages in the printer.
y represents the tray number.
z represents the bin number.

| √ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| **Message** | **Status code** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| Intervention Required - Paper Jam | 4288 | **X** | **X** |
| Intervention Required - Paper Jam | 4288z | **X** | **X** |
| Intervention Required - Paper Jam | 4289 | **X** | **X** |
| Intervention Required - Paper Jam | 4289z | **X** | **X** |
| Intervention Required - Paper Jam | 4290 | **X** | **X** |
| Intervention Required - Paper Jam | 4291 | **X** | **X** |
| Intervention Required - Paper Jam | 4292 | **X** | **X** |
| Intervention Required - Paper Jam | 4293 | **X** | **X** |
| Intervention Required - Paper Jam | 4294 | **X** | **X** |
| Intervention Required - Paper Jam | 4295 | **X** | **X** |
| w indicates this message includes a letter indicating a door or cover that needs to be opened.<br>x represents the number of jammed pages in the printer.<br>y represents the tray number.<br>z represents the bin number. | | | |

# Service errors

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Message | Error code | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| ALL SERVICE MESSAGES | 50000 | X | X |

# Device attendance messages

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Message | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| RDYMSG | ✓ | ✓ |
| OPMSG | ✓ | ✓ |
| STMSG | ✓ | ✓ |

# Lexmark-unique PJL commands

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Command | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LBEEP | ✓ | ✓ |
| LDOWNLOADTARGET | ✓ | ✓ |
| LPORTROTATE | ✓ | ✓ |
| LPRINT testpage | ✓ | ✓ |
| • LPRINTDIRECTORY | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Command | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| • LPRINTTESTPAGE | ✓ | ✓ |
| • LPRINTMENUS | ✓ | ✓ |
| • LPRINTPCLFONTS | ✓ | ✓ |
| • LPRINTPSFONTS | ✓ | ✓ |
| LESCAPECHAR | ✓ | ✓ |
| LFAX PHONENUMBER | X | ✓ |
| LOPENFILE | ✓ | ✓ |
| LCLOSEFILE | ✓ | ✓ |
| LREADFILE | ✓ | ✓ |
| LWRITEFILE | ✓ | ✓ |
| LRUNFILE | ✓ | ✓ |
| LRENAMEFILE | ✓ | ✓ |
| LDELETEFILE | ✓ | ✓ |
| LFORMAT | ✓ | ✓ |
| LDEFRAG | ✓ | ✓ |

# File and device protection commands

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Command | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| LDECLARE LRESOURCE | ✓ | ✓ |
| LDELETEPASSWORD | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Command | T650n/dn/dtn,<br>T652n/dn/dtn,<br>T654n/dn/dtn | X651 MFP,<br>X652 MFP,<br>X654 MFP,<br>X656 MFP,<br>X658 MFP |
| LQUERYSEEDLBYPASSPASSWORD KEY | ✓ | ✓ |

# Appendix C: PostScript support

## Supplemental operators

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Operator name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| appletalktype | ✓ | ✓ |
| buildtime | ✓ | ✓ |
| byteorder | ✓ | ✓ |
| checkpassword | ✓ | ✓ |
| currentfilenameextend | ✓ | ✓ |
| currentmanualduplexmode | ✓ | ✓ |
| currentuniversalsize | ✓ | ✓ |
| defaulttimeouts | ✓ | ✓ |
| deletefile | ✓ | ✓ |
| devcontrol | ✓ | ✓ |
| devdismount | ✓ | ✓ |
| devforall | ✓ | ✓ |
| devformat | ✓ | ✓ |
| devmount | ✓ | ✓ |
| devstatus | ✓ | ✓ |
| diskonline | ✓ | ✓ |
| diskstatus | ✓ | ✓ |
| displayoperatormsg | ✓ | ✓ |
| doidlefonts | ✓ | ✓ |
| dojamrecovery | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Operator name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| doprinterrors | ✓ | ✓ |
| doret | ✓ | ✓ |
| dostartpage | ✓ | ✓ |
| dosysstart | ✓ | ✓ |
| duplexer | ✓ | ✓ |
| duplexmode | ✓ | ✓ |
| enginesync | ✓ | ✓ |
| file | ✓ | ✓ |
| filenameforall | ✓ | ✓ |
| fileposition | ✓ | ✓ |
| firstside | ✓ | ✓ |
| fontnonzerowinding | ✓ | ✓ |
| hardwareiomode | ✓ | ✓ |
| idlefonts | ✓ | ✓ |
| ignoresize | ✓ | ✓ |
| initializedisk | ✓ | ✓ |
| jobname | ✓ | ✓ |
| jobsource | ✓ | ✓ |
| jobtimeout | ✓ | ✓ |
| manualfeed | ✓ | ✓ |
| manualfeedtimeout | ✓ | ✓ |
| newsheet | ✓ | ✓ |
| pagecount | ✓ | ✓ |
| pagesprinted | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Operator name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| papertray | ✓ | ✓ |
| printername | ✓ | ✓ |
| product | ✓ | ✓ |
| PS2fonts | ✓ | ✓ |
| PS3fonts | ✓ | ✓ |
| quiet | ✓ | ✓ |
| ramsize | ✓ | ✓ |
| realformat | ✓ | ✓ |
| renamefile | ✓ | ✓ |
| resolution | ✓ | ✓ |
| revision | ✓ | ✓ |
| sccbatch | ✓ | ✓ |
| sccinteractive | ✓ | ✓ |
| setcoverpage | ✓ | ✓ |
| setdefaulttimeouts | ✓ | ✓ |
| setdoidlefonts | ✓ | ✓ |
| setdojamrecovery | ✓ | ✓ |
| setdoprinterrors | ✓ | ✓ |
| setdoret | ✓ | ✓ |
| setdostartpage | ✓ | ✓ |
| setdosysstart | ✓ | ✓ |
| setduplexmode | ✓ | ✓ |
| setenginesync | ✓ | ✓ |
| setethernetaddress | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Operator name | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| setfilenameextend | ✓ | ✓ |
| setfileposition | ✓ | ✓ |
| sethardwareiomode | ✓ | ✓ |
| setidlefonts | ✓ | ✓ |
| setignoresize | ✓ | ✓ |
| setjobtimeout | ✓ | ✓ |
| setmanualduplexmode | ✓ | ✓ |
| setpapertray | ✓ | ✓ |
| setprintername | ✓ | ✓ |
| setquiet | ✓ | ✓ |
| setresolution | ✓ | ✓ |
| setsccbatch | ✓ | ✓ |
| setsccinteractive | ✓ | ✓ |
| setsoftwareiomode | ✓ | ✓ |
| settumble | ✓ | ✓ |
| setuniversalsize | ✓ | ✓ |
| setuserdiskpercent | ✓ | ✓ |
| softwareiomode | ✓ | ✓ |
| tumble | ✓ | ✓ |
| userdiskpercent | ✓ | ✓ |
| waittimeout | ✓ | ✓ |

# Page device parameters

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| BeginPage | ✓ | ✓ |
| Collate | ✓ | ✓ |
| DeferredMediaSelection | ✓ | ✓ |
| DeviceRenderingInfo | ✓ | ✓ |
| • Screening | X | X |
| - ColorGrade | X | X |
| - PictureGrade | X | X |
| - IET | X | X |
| - IETImagesOnly | X | X |
| - IETPictureGrade | X | X |
| - None | X | X |
| • TonerSaver | ✓ | ✓ |
| • PictureGrade | X | X |
| • ImageEnhancement | ✓ | ✓ |
| • ImageEnhancementType | ✓ | ✓ |
| • PrintDarkness | ✓ | ✓ |
| • AutoMediaType | ✓ | ✓ |
| • EdgeToEdge | ✓ | ✓ |
| • DefaultPoliciesPageSize | X | X |
| • SubstituteSize | ✓ | ✓ |
| • LineDetail | ✓ | ✓ |
| • Type | ✓ | ✓ |
| • ColorCorrection | ✓ | ✓ |
| • ColorBalance | X | X |
| • ColorSaver | X | X |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| • ImageBrightness | ✓ | ✓ |
| • ImageContrast | ✓ | ✓ |
| • ImageSaturation | X | X |
| • ManualColor | X | X |
| • PrintQuality | X | X |
| Duplex | ✓ | ✓ |
| EndPage | ✓ | ✓ |
| ExitJamRecovery | ✓ | ✓ |
| HWResolution | ✓ | ✓ |
| ImagingBBox | ✓ | ✓ |
| InputAttributes | ✓ | ✓ |
| • 0 - Tray 1 | ✓ | ✓ |
| • 1 - Tray 2 | ✓ | ✓ |
| • 2 - Envelope Feeder | ✓ | ✓ |
| • 3 - Tray 3 | ✓ | ✓ |
| • 4 - Multipurpose Feeder | ✓ | ✓ |
| • 5 - Tray 4 | ✓ | ✓ |
| • 6 - Tray 5 | ✓ | ✓ |
| - PageSize | ✓ | ✓ |
| - MatchAll | ✓ | ✓ |
| - MediaColor | ✓ | ✓ |
| - MediaType | ✓ | ✓ |
| - MediaWeight | ✓ | ✓ |
| - InputLocation | ✓ | ✓ |
| • Mode | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| • Priority | ✓ | ✓ |
| Install | ✓ | ✓ |
| Jog | ✓ | ✓ |
| ManualFeed | ✓ | ✓ |
| ManualFeedTimeout | ✓ | ✓ |
| MediaColor | ✓ | ✓ |
| MediaPosition | ✓ | ✓ |
| MediaType | ✓ | ✓ |
| MediaWeight | ✓ | ✓ |
| NumCopies | ✓ | ✓ |
| Nup | ✓ | ✓ |
| NupDetails | ✓ | ✓ |
| • Rows | ✓ | ✓ |
| • Columns | ✓ | ✓ |
| • Orientation | ✓ | ✓ |
| • Border | ✓ | ✓ |
| • Order | ✓ | ✓ |
| • Type | ✓ | ✓ |
| • LandscapeOverride | ✓ | ✓ |
| OutputAttributes | ✓ | ✓ |
| • 0 - Standard Bin | ✓ | ✓ |
| • 1 - Optional Bin 1 | ✓ | ✓ |
| • 2 - Optional Bin 2 | ✓ | ✓ |
| • 3 - Optional Bin 3 | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| • 4 - Optional Bin 4 | ✓ | ✓ |
| • 5 - Optional Bin 5 | ✓ | X |
| • 6 - Optional Bin 6 | ✓ | X |
| • 7 - Optional Bin 7 | ✓ | X |
| • 8 - Optional Bin 8 | ✓ | X |
| • 9 - Optional Bin 9 | ✓ | X |
| • 10 - Optional Bin 10 | ✓ | X |
| - OutputType | ✓ | ✓ |
| - OutputLocation | ✓ | ✓ |
| OutputPage | ✓ | ✓ |
| OutputType | ✓ | ✓ |
| PageDeviceName | ✓ | ✓ |
| PageSize | ✓ | ✓ |
| Policies | ✓ | ✓ |
| • PolicyNotFound | ✓ | ✓ |
| • PolicyReport | ✓ | ✓ |
| • PageSize | ✓ | ✓ |
| PostRenderingEnhance | X | X |
| PostRenderingEnhanceDetails | X | X |
| • REValue | X | X |
| • Type | X | X |
| PowerSave | ✓ | ✓ |
| ProcessColorModel | X | X |
| Punch | X | X |
| SlipSheet | X | X |
| SlipSheetDetails | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| • SlipSheetSource | ✓ | ✓ |
| • Type | ✓ | ✓ |
| Staple | ✓ | ✓ |
| TraySwitch | ✓ | ✓ |
| Tumble | ✓ | ✓ |
| UniversalDetails | ✓ | ✓ |
| • Type | ✓ | ✓ |
| • PageSize | ✓ | ✓ |
| • Orientation | ✓ | ✓ |
| • Prompt | ✓ | ✓ |

# User interpreter parameters

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Key | Default | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| AccurateScreens | false | ✓ | ✓ |
| CollatedCopies | Collation - Collated Copies (QTY) value | ✓ | ✓ |
| HalftoneMode | 0 | ✓ | ✓ |
| IdiomRecognition | true | ✓ | ✓ |
| JobName | ( ) | ✓ | ✓ |
| JobTimeout | JobTimeout system parameter | ✓ | ✓ |
| MaxDictStack | 255 | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | | Printer model | |
|---|---|---|---|
| Key | Default | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| MaxExecStack | 10015 | ✓ | ✓ |
| MaxFontItem | 12500 | ✓ | ✓ |
| MaxFormItem | 100000 | ✓ | ✓ |
| MaxLocalVM | 2147483647 | ✓ | ✓ |
| MaxOpStack | 100000 | ✓ | ✓ |
| MaxPatternItem | 20000 | ✓ | ✓ |
| MaxScreenItem | 48000 | ✓ | ✓ |
| MaxSuperScreen | 1024 | ✓ | ✓ |
| MaxUPathItem | 5000 | ✓ | ✓ |
| MinFontCompress | 2147483647 | ✓ | ✓ |
| PageCount | 0 | ✓ | ✓ |
| UseOldcopypage | false | ✓ | ✓ |
| VMReclaim | 0 | ✓ | ✓ |
| VMThreshold | 25000 per MB of RAM | ✓ | ✓ |
| WaitTimeout | WaitTimeout system parameter | ✓ | ✓ |

# System interpreter parameters

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| BuildTime | ✓ | ✓ |
| ByteOrder | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| CurDisplayList | ✓ | ✓ |
| CurFontCache | ✓ | ✓ |
| CurFormCache | ✓ | ✓ |
| CurInputDevice | ✓ | ✓ |
| CurOutlineCache | ✓ | ✓ |
| CurOutputDevice | ✓ | ✓ |
| CurPatternCache | ✓ | ✓ |
| CurScreenStorage | ✓ | ✓ |
| CurSourceList | ✓ | ✓ |
| CurUPathCache | ✓ | ✓ |
| DisableFastProcs | ✓ | ✓ |
| DoPrintErrors | ✓ | ✓ |
| DoStartPage | ✓ | ✓ |
| EnableExtraFonts | ✓ | ✓ |
| EngineBoot | ✓ | ✓ |
| EngineCode | ✓ | ✓ |
| EngineSpeed | ✓ | ✓ |
| EnvironmentSave | ✓ | ✓ |
| FactoryDefaults | ✓ | ✓ |
| FatalErrorAddress | ✓ | ✓ |
| FontResourceDir | ✓ | ✓ |
| FontVersion | ✓ | ✓ |
| GenericResourceDir | ✓ | ✓ |
| GenericResourcePathSep | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| InstalledRam | ✓ | ✓ |
| JobTimeout | ✓ | ✓ |
| languagelevel | ✓ | ✓ |
| MaxDisplayList | ✓ | ✓ |
| MaxDisplayAndSourceList | ✓ | ✓ |
| MaxFontCache | ✓ | ✓ |
| MaxFormCache | ✓ | ✓ |
| MaxImageBuffer | ✓ | ✓ |
| MaxOutlineCache | ✓ | ✓ |
| MaxPatternCache | ✓ | ✓ |
| MaxPermanentVM | ✓ | ✓ |
| MaxRasterMemory | ✓ | ✓ |
| MaxScreenStorage | ✓ | ✓ |
| MaxSourceList | ✓ | ✓ |
| MaxUPathCache | ✓ | ✓ |
| PageCount | ✓ | ✓ |
| PanelCode | ✓ | ✓ |
| PrinterCode | ✓ | ✓ |
| PrinterName | ✓ | ✓ |
| RamSize | ✓ | ✓ |
| RealFormat | ✓ | ✓ |
| Revision | ✓ | ✓ |
| SearchBuiltinFontsFirst | ✓ | ✓ |
| SerialNumber | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| StartJobPassword | ✓ | ✓ |
| StartupMode | ✓ | ✓ |
| StaticRamSize | ✓ | ✓ |
| SystemParamsPassword | ✓ | ✓ |
| UseOldcopypage | ✓ | ✓ |
| UseOldfonts | ✓ | ✓ |
| ValidNV | ✓ | ✓ |
| WaitTimeout | ✓ | ✓ |

# Devices supported

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Device | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| %ParallelA% | ✓ | ✓ |
| %ParallelB% | ✓ | ✓ |
| %ParallelC% | ✓ | ✓ |
| %ParallelD% | ✓ | ✓ |
| %SerialA% | ✓ | ✓ |
| %SerialB% | ✓ | ✓ |
| %SerialC% | ✓ | ✓ |
| %SerialD% | ✓ | ✓ |
| %LocalTalkA% | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Device | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| %LocalTalkB% | ✓ | ✓ |
| %LocalTalkC% | ✓ | ✓ |
| %LocalTalkD% | ✓ | ✓ |
| %EtherTalkA% | ✓ | ✓ |
| %EtherTalkB% | ✓ | ✓ |
| %EtherTalkC% | ✓ | ✓ |
| %EtherTalkD% | ✓ | ✓ |
| %IR_A% | ✓ | ✓ |
| %IR_B% | ✓ | ✓ |
| %IR_C% | ✓ | ✓ |
| %IR_D% | ✓ | ✓ |
| %USB_A% | ✓ | ✓ |
| %USB_B% | ✓ | ✓ |
| %USB_C% | ✓ | ✓ |
| %USB_D% | ✓ | ✓ |
| %TokenTalkA% | ✓ | ✓ |
| %TokenTalkB% | ✓ | ✓ |
| %TokenTalkC% | ✓ | ✓ |
| %TokenTalkD% | ✓ | ✓ |
| %AppSocketA% | ✓ | ✓ |
| %AppSocketB% | ✓ | ✓ |
| %AppSocketC% | ✓ | ✓ |
| %AppSocketD% | ✓ | ✓ |
| %RemotePrinterA% | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Device | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| %RemotePrinterB% | ✓ | ✓ |
| %RemotePrinterC% | ✓ | ✓ |
| %RemotePrinterD% | ✓ | ✓ |
| %PrintServerA% | ✓ | ✓ |
| %PrintServerB% | ✓ | ✓ |
| %PrintServerC% | ✓ | ✓ |
| %PrintServerD% | ✓ | ✓ |
| %LPR_A% | ✓ | ✓ |
| %LPR_B% | ✓ | ✓ |
| %LPR_C% | ✓ | ✓ |
| %LPR_D% | ✓ | ✓ |
| %LexLinkA% | ✓ | ✓ |
| %LexLinkB% | ✓ | ✓ |
| %LexLinkC% | ✓ | ✓ |
| %LexLinkD% | ✓ | ✓ |
| %IP_A% | ✓ | ✓ |
| %IP_B% | ✓ | ✓ |
| %IP_C% | ✓ | ✓ |
| %IP_D% | ✓ | ✓ |
| %EthernetPhysicalA% | ✓ | ✓ |
| %EthernetPhysicalB% | ✓ | ✓ |
| %EthernetPhysicalC% | ✓ | ✓ |
| %EthernetPhysicalD% | ✓ | ✓ |
| %TokenRingPhysicalA% | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Device | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| %TokenRingPhysicalB% | ✓ | ✓ |
| %TokenRingPhysicalC% | ✓ | ✓ |
| %TokenRingPhysicalD% | ✓ | ✓ |

# Device parameters

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| **Device Parameters for the Communication Device %Parallel%, %ParallelA%, %ParallelB%, %ParallelC%, %ParallelD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| Handshake | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| OutputDevice | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| Type | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| **Key** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| **Device Parameters for the Communication Device %Serial%, %SerialA%, %SerialB%, %SerialC%, %SerialD%** | | |
| Baud | ✓ | ✓ |
| CheckParity | ✓ | ✓ |
| DataBits | ✓ | ✓ |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| FlowControl | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| HonorDSR | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| Parity | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| RobustXon | ✓ | ✓ |
| SerialMode | ✓ | ✓ |
| StopBits | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %LocalTalk%, %LocalTalkA%, %LocalTalkB%, %LocalTalkC%, %LocalTalkD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| LocalTalkType | ✓ | ✓ |
| NodeID | ✓ | ✓ |
| On | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %EtherTalk%, %EtherTalkA%, %EtherTalkB%, %EtherTalkC%, %EtherTalkD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| EthernetAddress | ✓ | ✓ |
| EtherTalkType | ✓ | ✓ |
| EtherTalkZone | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| NodeID | ✓ | ✓ |
| On | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| Type | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| **Key** | **T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn** | **X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP** |
| **Device Parameters for the Communication Device %IR%, %IR_A%, %IR_B%, %IR_C%, %IR_D%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %USB%, %USB_A%, %USB_B%, %USB_C%, %USB_D%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| Type | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| **Device Parameters for the Communication Device %TokenTalk%, %TokenTalkA%, %TokenTalkB%, %TokenTalkC%, %TokenTalkD%** | | |
| Address | ✓ | ✓ |
| Bridging | ✓ | ✓ |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| NodeID | ✓ | ✓ |
| On | ✓ | ✓ |
| PCLSmartSwitch | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| PSSmartSwitch | ✓ | ✓ |
| TokenTalkType | ✓ | ✓ |
| Type | ✓ | ✓ |
| Zone | ✓ | ✓ |
| **Device Parameters for the Communication Device %AppSocket%, %AppSocketA%, %AppSocketB%, %AppSocketC%, %AppSocketD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %RemotePrinter%, %RemotePrinterA%, %RemotePrinterB%, %RemotePrinterC%, %RemotePrinterD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %PrintServer%, PrintServerA%, PrintServerB%, %PrintServerC%, %PrintServerD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %LPR%, %LPR_A%, %LPR_B%, %LPR_C%, %LPR_D%** | | |
| Enabled | ✓ | ✓ |
| Filtering | ✓ | ✓ |
| HasNames | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %LexLink%, %LexLinkA%, %LexLinkB%, %LexLinkC%, %LexLinkD%** | | |
| DelayedOutputClose | ✓ | ✓ |
| Enabled | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| Interpreter | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %IP%, %IP_A%, %IP_B%, %IP_C%, %IP_D%** | | |
| GatewayAddress | ✓ | ✓ |
| IPAddress | ✓ | ✓ |
| IPAddressDynamic | ✓ | ✓ |
| NetworkMask | ✓ | ✓ |
| On | ✓ | ✓ |
| Physical | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %EthernetPhysical%, %EthernetPhysicalA%, %EthernetPhysicalB%, %EthernetPhysicalC%, %EthernetPhysicalD%** | | |
| EthernetAddress | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Communication Device %TokenRingPhysical%, %TokenRingPhysicalA%, %TokenRingPhysicalB%, %TokenRingPhysicalC%, %TokenRingPhysicalD%** | | |
| Address | ✓ | ✓ |
| On | ✓ | ✓ |
| PortLocation | ✓ | ✓ |
| Speed | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Parameters Device %Engine%** | | |
| BSizeStandard | ✓ | ✓ |
| Darkness | ✓ | ✓ |
| PageCount | ✓ | ✓ |
| TimeToStandby | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Parameters Device %Console%** | | |
| Language | ✓ | ✓ |
| Type | ✓ | ✓ |
| **Device Parameters for the Parameters Device %Calendar%, %CalendarA%, %CalendarB%, %CalendarC%, %CalendarD%** | | |
| Day | ✓ | ✓ |
| Hour | ✓ | ✓ |
| Minute | ✓ | ✓ |
| Month | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| Running | ✓ | ✓ |
| Second | ✓ | ✓ |
| Type | ✓ | ✓ |
| Year | ✓ | ✓ |
| DateTime | ✓ | ✓ |
| DayOfWeekLong | ✓ | ✓ |
| DayOfWeekNum | ✓ | ✓ |
| DayOfWeekShort | ✓ | ✓ |
| **Device Parameters for the Parameters Device %disk1%** | | |
| BlockSize | ✓ | ✓ |
| Free | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| InitializeAction | ✓ | ✓ |
| LogicalSize | ✓ | ✓ |
| Mounted | ✓ | ✓ |
| PhysicalSize | ✓ | ✓ |
| Removable | ✓ | ✓ |
| Searchable | ✓ | ✓ |
| SearchOrder | ✓ | ✓ |
| Type | ✓ | ✓ |
| Writeable | ✓ | ✓ |
| **Device Parameters for the Parameters Device %flash1%** | | |
| BlockSize | ✓ | ✓ |
| Free | ✓ | ✓ |
| HasNames | ✓ | ✓ |

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| InitializeAction | ✓ | ✓ |
| LogicalSize | ✓ | ✓ |
| Mounted | ✓ | ✓ |
| PhysicalSize | ✓ | ✓ |
| Removable | ✓ | ✓ |
| Searchable | ✓ | ✓ |
| SearchOrder | ✓ | ✓ |
| Type | ✓ | ✓ |
| Writeable | ✓ | ✓ |
| **Device Parameters for the Parameters Device %rom%** | | |
| BlockSize | ✓ | ✓ |
| Free | ✓ | ✓ |
| HasNames | ✓ | ✓ |
| InitializeAction | ✓ | ✓ |
| LogicalSize | ✓ | ✓ |
| Mounted | ✓ | ✓ |
| PhysicalSize | ✓ | ✓ |
| Removable | ✓ | ✓ |
| Searchable | ✓ | ✓ |
| SearchOrder | ✓ | ✓ |
| Type | ✓ | ✓ |
| Writeable | ✓ | ✓ |

## PostScript commands: message keys

| ✓ = Supported<br>X = Not supported | Printer model | |
|---|---|---|
| Key | T650n/dn/dtn, T652n/dn/dtn, T654n/dn/dtn | X651 MFP, X652 MFP, X654 MFP, X656 MFP, X658 MFP |
| job | ✓ | ✓ |
| status | ✓ | ✓ |
| source | ✓ | ✓ |

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