

PrintServer 32 Printer

Optional Large Capacity Output Tray User's Guide

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This manual describes how to operate the PrintServer 32 optional large capacity output tray.

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Preface

Intended Audience

This guide is for users and system managers.

- **Users** can use the guide for instruction on day-to-day operations, such as sending jobs, removing paper, and clearing jams.
- **System managers** can use the guide for setting up the tray for optimal use.

Users should be familiar with the operation of the PrintServer 32 printer.

Conventions

The following conventions are used throughout this document:

Convention	Meaning
UPPERCASE	OpenVMS commands, files, and utilities are shown in uppercase letters. However, you can enter OpenVMS VAX commands in either uppercase or lowercase letters.
<i>Italics</i>	Italics are used in examples to indicate that you are to substitute a word or value.
[]	Brackets in command syntax lines indicate that the enclosed item is optional.
Courier	Courier text (typewriter font) indicates user input and system output.

PrintServer 32 Printer Optional Large Capacity Output Tray

Required Hardware

You must have a PrintServer 32 printer with a **duplexing** unit to use the optional large capacity output tray (OLCOT).

Required Software Versions

The OLCOT runs with the following versions of software:

- DECprint Supervisor Software, Version 1.0 or higher.
- PrintServer Software, Version 5.0

Required Firmware

Before installing the OLCOT, confirm that the printer has the correct firmware versions.

To find the firmware version levels, reboot the printer.

During the power-up process, the operator panel displays the following:

```
xx-xx-xx-xx-xx-xx  
xx 2.0 1.2
```

If firmware versions below 2.0 and 1.2 are displayed, call Digital Services to install FCO Kit "LPS32-F001."

Capacity of the OLCOT

The OLCOT can stack approximately 3,000 sheets of paper. To ensure reliable printing, use high-quality paper, as listed in the *PrintServer 32 Printer Operator's Guide*.

Supported Paper Sizes

The OLCOT supports the following paper sizes in both portrait and landscape modes:

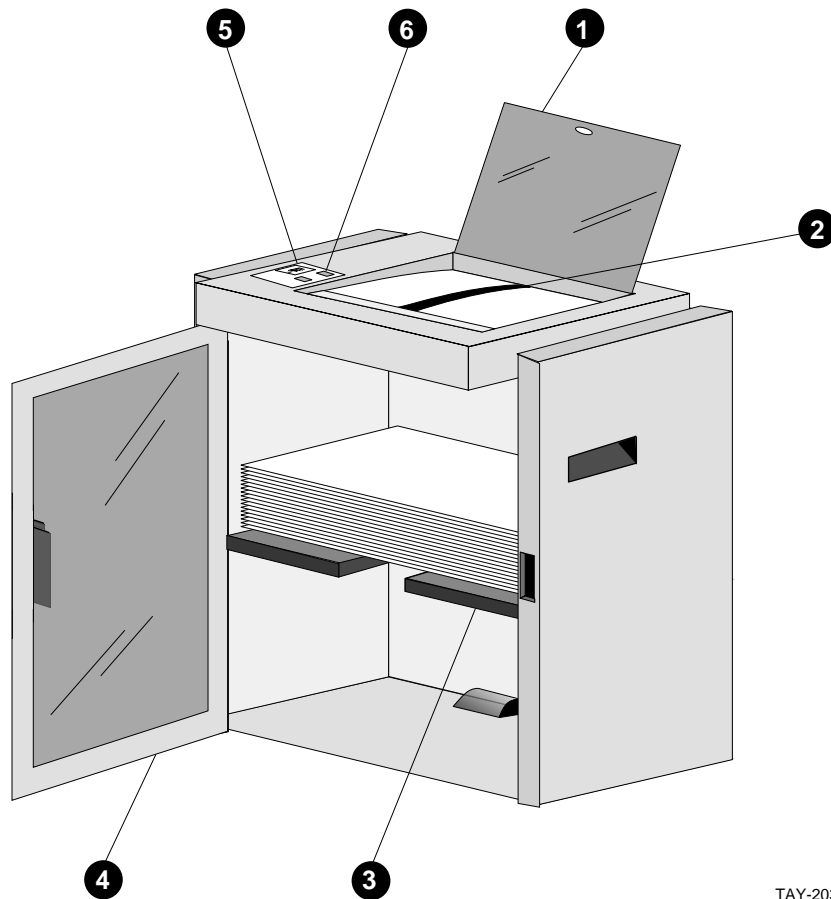
Sheet Name	Media Size
Letter (A-size)	8.5 in. x 11.0 in.
A4	210 mm x 297 mm
Letter (LTR)	11.0 in. x 8.5 in.
A4R	297 mm x 210 mm

Sending other paper sizes to the OLCOT is not supported and may yield unpredictable results.

1.1 Components of the OLCOT

Figure 1-1 identifies the parts of the OLCOT.

Figure 1-1 Components of the OLCOT



Callout	Description
❶	The Tray Cover allows access to the transport unit of the large capacity output tray.
❷	The Transport Unit moves the paper from the printer into the OLCOT. Paper is delivered to the OLCOT face down. You can lift the guide in the center of the transport unit to access paper jammed in that area.
❸	The Elevator moves up and down to accommodate the amount of paper in the tray.
❹	The Tray Door allows access to the print jobs and components within the OLCOT.
❺	The Tray Down Key lowers the elevator so you can easily remove print jobs.
❻	The LEDs indicate the status of the large capacity output tray: Green Ready LED Blinking: The elevator or the paper transport is moving. Solid On: Power is on. Amber Error LED Blinking: An error condition exists: the tray is full, the covers are open, the tray is not in the operating position, or paper is jammed.

1.2 Messages

The following messages could appear on the operator panel of the PrintServer 32 printer:

Optional output tray full

The OLCOT has reached its capacity. See Section 2.2 for instructions on removing print jobs from the tray.

Clear jam at optional output device

Paper is jammed in the OLCOT. See Section 4.1 for instructions on clearing the jam.

Close optional output device cover or door

This message is displayed if:

- The cover or door of the tray is open or not secured.
Close the cover and door tightly.
- The elevator is in the down position or is moving up.
If the elevator is in the down position, open and close the cover to move the elevator to the top of the OLCOT.

This chapter explains how to send jobs to the OLCOT and how to remove jobs from the tray.

2.1 Sending Print Jobs to the Optional Large Capacity Output Tray

This section provides examples of the software commands for sending print jobs to the printer. For more information, refer to your software documentation.

OpenVMS and DECprint Supervisor, V1.1

```
$ PRINT/QUE=queueName/PARAM=OUTPUT_TRAY=LCOS filename
```

OpenVMS and DECprint Supervisor, V1.0

```
$ PRINT/QUE=queueName/PARAM=OUTPUT_TRAY=1 filename
```

BSD UNIX (including SunOS and OSF/1)

```
% lpspr -MqueueName -olcos filename | lpr
```

UNIX System V (including IBM-AIX, HP-UX, SCO UNIX, Solaris, SCO UNIX/DECadvantage)

```
% lp -dqueueName -o"outtray=lcos" filename
```

2.2 Removing Print Jobs from the OLCOT

Use the following procedure to remove print jobs from the tray:

1. Press **Pause** on the operator panel. Wait for the printer to display the following message on the operator panel before proceeding:

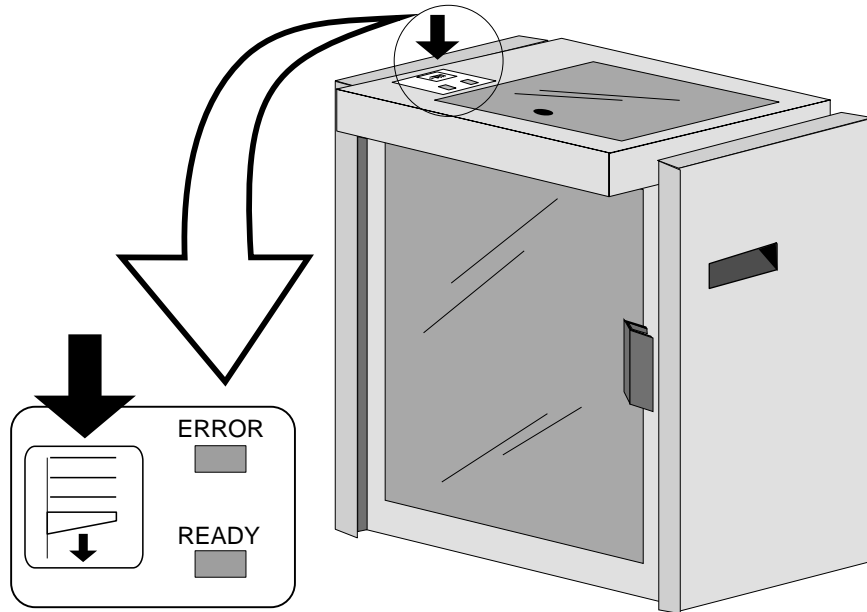
Paused—Press Resume to Continue

2. Press the Tray Down key to lower the elevator.

The green Ready LED blinks while the elevator is in motion. The operator panel displays the following message until the elevator reaches its lowest position:

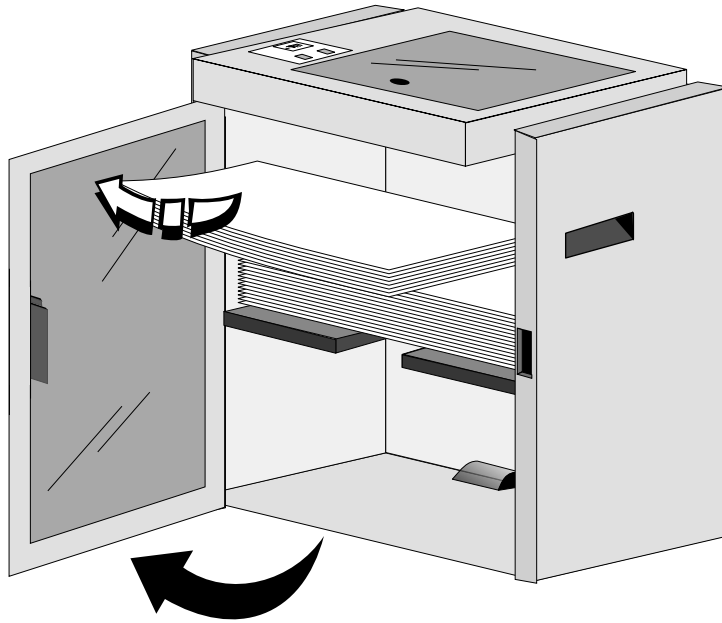
Close optional output device cover or door

If the paper tray is full, the elevator tray is at its lowest operating position.



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3. Open the tray door and remove all the paper in manageable sections.

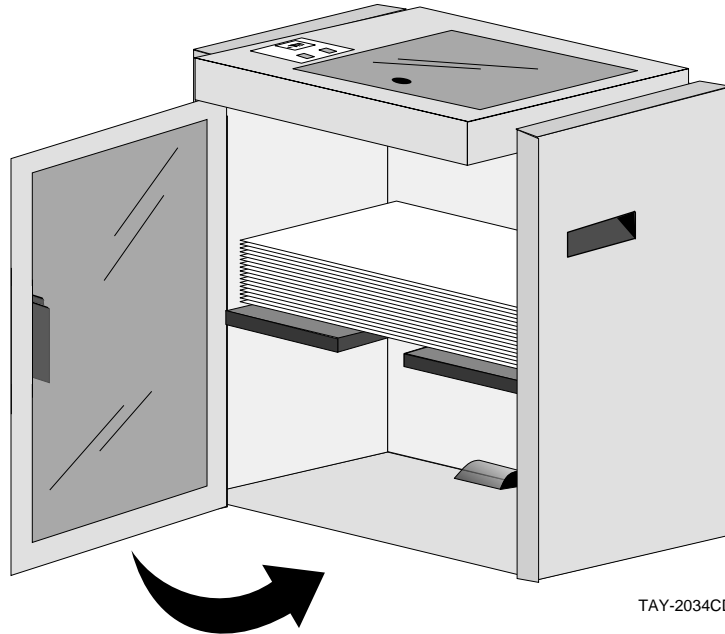


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Tip: Remove all the paper in the tray, not just your print job. This prevents paper jams and enables neater stacking.

4. Close the tray door. The elevator moves up automatically and the operator panel displays the following message until the elevator reaches its operating position:

Close optional output device cover or door



5. Press **Resume** on the operator panel.

2.3 Turning the Printer and OLCOT On and Off

The power switch on the back of the OLCOT controls the power to both the OLCOT and the printer. Use this power switch as the Master switch to supply power to both the printer and the tray.

Avoid turning the printer or OLCOT on and off with the power switch on the printer and the OLCOT. Powering the printer and OLCOT on and off with both switches can result in erroneous diagnostic messages.

Setting Up the OLCOT

This chapter explains how the system manager can set up the printer and OLCOT for the most efficient use.

3.1 When to Use — Large Jobs

The OLCOT, when combined with an optional large capacity input tray, allows you to turn your PrintServer 32 printer into a production printer. You can print jobs with many pages or many copies of large jobs without worrying about running out of paper or overflowing the top output trays.

Because the OLCOT does not have a sorting or offset feature, using it for all print jobs is not recommended. The purpose of the tray is for holding jobs that exceed the capacity of the other output trays. Therefore, you might want to reserve the printer for large print jobs.

3.2 Specifying the OLCOT as the Default Tray

To specify the OLCOT as the default tray, use the following procedure:

1. Edit the defaults file, for example:
`LPS$SUPPORT:LPSDEFAULTS.printer-node-name`
or
`/usr/kits/lps/lpsdefaults.printer-node-name`
2. Specify **4 setdefaultoutputtray** to set the OLCOT as the default output tray.
3. Reboot the printer or use the Remote Console Facility “reconfigure” command. See the PrintServer Software management guide for your system for more information.

3.3 Specifying Job Separation Pages

This section explains how to specify job separation pages.

Types of Separation Pages

Job separation pages include:

Type of Page	Description
Job flag pages	Precedes each file or job that is printed. The flag page contains information about the printer and the print job.
Job burst pages	Separates print jobs or copies of files.
Job trailer pages	Follows each file printed.

3.3.1 OpenVMS Systems

Procedure:

To enable job separation pages, use the following procedure:

1. Edit the DCPS\$STARTUP.COM file, where the job separation pages are specified.
2. Include the /SEPARATE qualifier to specify which job separation pages you want for a queue.

The following example specifies job flag and trailer pages, but disables job burst pages:

```
@SYS$STARTUP:DCPS$EXECUTION_QUE
DCPS_TTB-                !P1 Execution queue name
TTB4:-                   !P2 Device name
. . .
"/SEPARATE=(FLAG,NOBURST,TRAILER)" !P5 Default queue qualifiers
```

Job Burst Pages

Job burst pages automatically print when you specify job flag pages. To disable job burst pages, use /SEPARATE=(FLAG,NOBURST).

3.3.2 UNIX Systems

To set job separation pages, invoke `lpsetup` and set the print client attribute "Enable Banners" to "yes." See the PrintServer Software management guide for your UNIX system for more information.

3.4 Specifying a Special Tray for Job Flag and Burst Pages

You can specify that job flag and burst pages come from a different input tray than the rest of the print job. This technique is useful if you want to use colored paper for separating print jobs.

3.4.1 OpenVMS Systems

Restriction:

This procedure requires the DCPS-PLUS license.

Procedure:

Issue the following command to specify the input tray for flag and burst pages:

```
$ DEFINE/SYSTEM DCPS$queuename_SEPARATOR_TRAY n
```

The variable *n* can be any input tray. The following table lists which values to use for the PrintServer 32 printer:

To specify this input tray . . .	Specify this value . . .
TOP	1
MIDDLE	2
BOTTOM	3

3.4.2 UNIX Systems

To specify the input tray for separation pages, invoke `lpssetup` and set the print client attribute “Banner Tray” to one of the following choices:

- Top
- Middle
- Bottom
- Default (uses the default input tray)

See the PrintServer Software management guide for your UNIX system for more information.

4.1 Jam Error Message

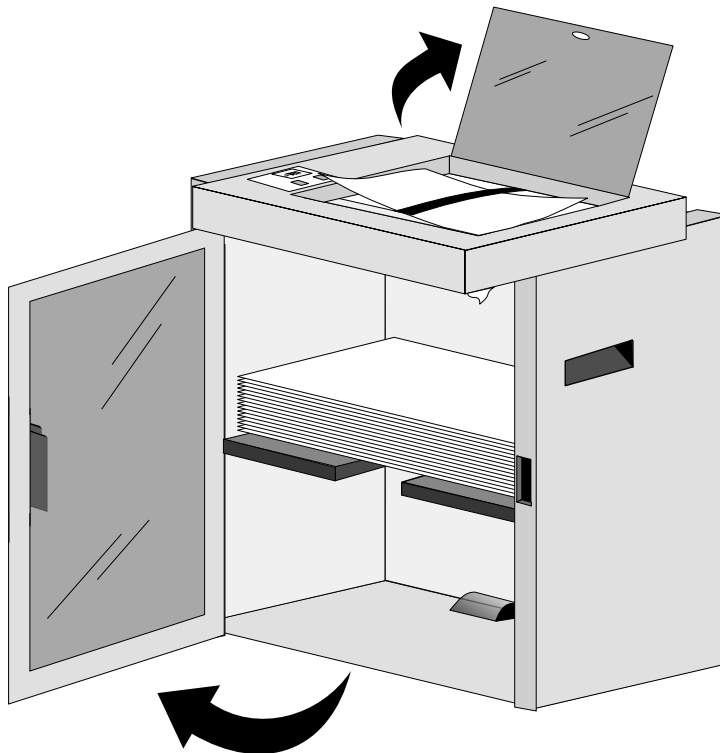
The amber Error LED blinks and the operator panel displays the following message when a paper jam occurs:

Clear jam at optional output device

4.2 Clearing a Paper Jam

To clear a paper jam, perform the following:

1. Press **Pause** on the operator panel.
2. Open the door and cover of the LCOT.



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3. Remove paper from the following areas:

Stacking area

Transport area

You can lift the guide in the center of the transport unit to access the paper. Remove the paper carefully and avoid leaving torn paper in the printer.



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4. Close the door and cover of the large capacity output tray.
5. Check for jammed paper in other parts of the printer, such as the duplex unit or lower side door. See the *PrintServer 32 Printer Operator's Guide* and the labels inside the printer for instructions on clearing jams inside the printer.
6. Press on the operator panel.

4.3 Possible Causes for Continuous Jams

If you encounter an inordinate number of paper jams, check the following:

- The paper quality matches the PrintServer 32 printer media specifications.
- The paper sizes sent to the tray are not Letter or A4.
- All paper has been removed from the paper paths of the printer and the tray.

See Chapter 5 for more troubleshooting information.

5.1 Isolating the Problem

Before proceeding with any testing, verify that the power cord and the communications cable (with the 9-pin connector on the end) are correctly connected. See the installation sheet for proper configuration. Use the following procedure to troubleshoot:

1. Remove the OLCOT from the printer. (See the installation sheet.)
2. Keep the power cord and communications cable attached.
3. Send a sheet of paper to the OLCOT slot.

If the paper feeds to the OLCOT slot without jamming, the problem exists in the OLCOT. Replace the OLCOT.

The OLCOT does not have any replacement parts. Replace the unit, if any of the following conditions occur:

- The elevator does not move after you close the door and cover or when you press the Tray Down key.
- A sheet of paper that you send to the OLCOT slot does not activate the horizontal transport motor and belt.
- The green Ready LED does not illuminate even though power is applied to the unit.
- Mechanical components are broken, causing jams or preventing operation.

5.2 Calling Digital Services

Refer to the following table to find the service phone number for your area:

Table 5–1 Service Information

United States	1-800-354-9000
Outside the US	Contact your local sales office.
