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Color LW 12/600 PS: Changing Trays With PostScript (4/97)

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Revised:        4/14/97
Security:       Everyone
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TOPIC ---

This article explains how to use PostScript commands to print from a specific
paper tray on the Color LaserWriter 12/600 PS printer either by default, or on a
per-job basis.

DISCUSSION --

In order the change the paper tray for one job, you can use the following
PostScript code fragments. This was taken from the Color LaserWriter 12/600 PS
PPD. You need to insert the code at the beginning of your print job.

CAUTION:
If you choose to use the PostScript code provided in this article, you assume
all risks involved in making these changes. PostScript code, if not entered
correctly, can place the LaserWriter into a condition requiring service.

250 Page Tray

Begin_Table

```
%==========================================================
% Begin PostScript code
%
  currentpagedevice /InputAttributes get 0 get
  dup null eq
  { pop }
  { dup length 1 add dict copy
    dup /InputAttributes
    1 dict dup /Priority [0 1 2] put
    put setpagedevice
  } ifelse
```

```
%
% End PostScript code
%=========================================================
```

Multipurpose Tray

```
%=========================================================
% Begin PostScript code
%
  currentpagedevice /InputAttributes get 1 get
  dup null eq
  { pop }
  { dup length 1 add dict copy
    dup /InputAttributes
    1 dict dup /Priority [1 0 2] put
    put setpagedevice
  } ifelse
%
% End PostScript code
%=========================================================
```

Optional Tray

```
%=========================================================
% Begin PostScript code
%
  currentpagedevice /InputAttributes get 2 get
  dup null eq
  { pop }
  { dup length 1 add dict copy
    dup /InputAttributes
    1 dict dup /Priority [2 0 1] put
    put setpagedevice
  } ifelse
%
% End PostScript code
%=========================================================
```

Changing Default Tray

If you wish to change the default paper tray,

This is PostScript Level 1 code:

```
%=========================================================
% Begin PostScript Code
%
```

```
serverdict begin 0 exitserver
statusdict begin n setdefaultpapertray end
%
% end PostScript Code
%===========================================================
```

End_Table

Replace "n" before "setdefaultpapertray" based on the following table:

0 (StandardCassette)
1 (Multipurpose)
2 (OptionalCassette)

This changes the default paper tray permanently, or until you use this
PostScript code to change the default tray again.

This is the equivalent PostScript Level 2 code:

```
%===========================================================
% Begin PostScript Code
%
serverdict begin 0 exitserver
1 dict dup /InputAttributes 1 dict dup /Priority [2 1 0] put put setpagedevice
%
% End PostScript Code
%===========================================================
```

This sets the paper tray priority to:
1st Priority - Cassette (500 Sheets) - designated by the "2" in the array
above.
2nd Priority - Multipurpose Tray - designated by the "1" in the array above.
3rd Priority - Cassette (250 Sheets) - designated by the "0" in the array
above.

You can change the paper tray priority order by changing the values in
"/Priority [2 1 0]".
For example, /Priority [0 1 2] makes the 250 sheet cassette first priority,
then the Multipurpose tray next, then the 500 sheet cassette.

Article Change History:
14 Apr 1997 - Added PostScript Level 2 code.

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