

AdobeSM Customer Services

Getting Color Output from Adobe Photoshop 2.5

Photoshop 2.5 employs a new technique to determine the color characteristics of the printing device, which in turn determine whether you get black-and-white or color output. When you send down a color file to the printing device, Photoshop 2.5 queries the printer for a numeric value, which determines the color characteristics. If the printing device returns a value of 0 or 1, Photoshop 2.5 assumes that the printer is a black-and-white printer and sends grayscale output. If the device returns a value of 3 or 4, it assumes it is an RGB or CMYK device, respectively.

If you have trouble getting color output using a Freedom Of Press™ interpreter or an Adobe CPSI™ interpreter, there is a work-around for this situation. The solution for Freedom of Press users is detailed in their Technical Note #1. Here is a brief synopsis:

To get color output from a printing device using Freedom of Press:

All versions of Freedom of Press (for Macintosh, DOS, and Windows™) use a file called STARTUP.PS during the interpreter's initialization. This file is interpreted by Freedom of Press every time you invoke the program. You may use this file to download a line of code to the interpreter before it processes your Photoshop file.

- 1 First, make a backup copy of the file STARTUP.PS.
- 2 Open the file STARTUP.PS in a text editor. On the DOS and Windows version, this file is located in the \FREEDOM\BIN directory. On the Macintosh, this file is located in the Freedom of Press folder that is in the System folder. As an alternative, use a word processor to edit the file, but remember to save the file as TEXT ONLY when finished.
- 3 The file should begin with a copyright notice, each line of which should begin with two % symbols. Insert the following line of code immediately after these copyright lines.

For printing to a CMYK device:

```
statusdict begin /processcolors 4 def end
```

For printing to an RGB device:

```
statusdict begin /processcolors 3 def end
```

This code will define the operator process colors to Freedom of Press and will allow it to print color output from Photoshop 2.5.

To get color output from a printing device using an Adobe CPSI interpreter:

To get color output from an Adobe CPSI interpreter, download the same line of code using a utility such as SendPS™ or the Adobe Font Downloader™. Do this before you print your file from Photoshop 2.5.

For printing to a CMYK device:

```
statusdict begin /processcolors 4 def end
```

For printing to an RGB device:

```
statusdict begin /processcolors 3 def end
```