

**User's Manual** 

# Separate Volume Spot Color Guide





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## Control Panel Explanation

This section explains the control panel.

### **Standby Screen**



## Menu table of Spot Color toner

The printer menus for white toner are as described below.

Numbers following the letter F in the menu items indicate the function number.

#### *[*ℓ/Memo

• For details of menus other than the Spot Color toner, see the "Basic".

#### Configuration



#### Print Information

	_
- Configuration	
Network	
Demo Page	
File List	
– PS Font List	-
PCL Font List	
IBM PPR Font List	
- EPSON FX Font List	-
Usage Report	
Error Log	
- Color Profile List	
User Media List	
Test Print-1	
Test Print-2	
Test Print-3	Print
Test Print-4	Print

Print Secure Job

Encrypted Job
Liferypted Job
 Stored Job



\*1: Displayed when trays 2 to 5 are mounted.

#### Control Panel Explanation

Admin Setup	
Notwork Cotup	]
Network Setup	-
Drint Sotup	_
Print Setup	-
PS Setup	
PCL Setup	
XPS Setup	
IBM PPR Setup	
EPSON FX Setup	
Color Setup	Ink Simulation
	UCR
	CMY 100% Density
	CMYK Conversion
	Spot Color (White)
Panel Setup	
Time Setup	
– Power Setup	
Others Setup	
Settings	
Change Password	
	1
Print Statistics	
	]
JOB LOG	
Baset Main Counter	
Reset Main Counter	
Change Baseword	
Calibration	
Auto Density Mode	
Auto BG Adjust Mode	
Density Adjustment Media	
-Adjust Density	
Adjust Registration	
Heavy Media Adjust	
Heavy Media Mode	
Illtra Heavy Media Adjust Mode	
Specific Media Feed Mode	
	Cyan Donsity
	Magonta Donsity
	Plack Density
	Black Density
	white Density (0) F314
HPrint Color Tuning Pattern	
Base Color Tuning	
Fine Color Tuning	
Reset Color Tuning	
White Tuning	
Boot Menu	

 Network Factory Defaults
 HDD Setup
 Storage Common Setup
 Menu Lockout (Off)
 Panel Lockout (Off)

## Printer driver functions table

This section explains the white toner functions in the printer drivers.

#### ! Note

Plain and recycled under GSM 52 to 64g/m<sup>2</sup> (ream weight under 45 to 55kg) are incompatible with Spot Color printing using white toner.

#### Using Windows PS Printer Driver

Click [Spot Color] in the [Color] tab to display the window for setting the white toner.

Spot Color		×
Spot Color: White Usage Methods		
Spot color toner quantity adjustment: 100 Low Don't layer white toner for 100% black Special:	High	
	OK Cancel	<u>D</u> efault

Item		Explanation	
Usage Methods	hods Do not use Print without using white toner.		
	Full page	Using white toner on whole printed pages.	
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.	
	Data portion (Including white)	Using white toner in the data portions including the white portions.	
	Printing only spot color toner	Printing using white toner only.	
	Application specification	Applications can be used to specify white toner. This function is for PS printer drivers only.	
Special	Mirror Print	Printing by reversing the horizontal orientation.	

#### ■ Using Mac OS X PS Printer Driver

Select the [Spot Color] panel to display the window for setting the Spot Color toner.



Item		Explanation	
Usage methods	Do not use	Print without using white toner.	
	Full page	Using white toner on whole printed pages.	
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.	
	Data portion (Including white)	Using white toner in the data portions including the white portions.	
	Printing only spot color toner	Printing using white toner only.	
	Application specification	Applications can be used to specify white toner. This function is for PS printer drivers only.	
Flip horizontally		Printing by reversing the horizontal orientation.	

## Printing on color paper

## Color paper that can be used

Use color paper that satisfies the following conditions.

- Pigments used to color the paper or ink that is heat-resistant at 230°C.
- E-photo printer paper with the same paper characteristics as plain paper

## Printing using white toner only

Printing text and illustrations using only white toner on color paper.

#### ! Note

• Plain and recycled under GSM 52 to 64g/m<sup>2</sup> (ream weight under 45 to 55kg) are incompatible with Spot Color.

#### 🖉 Memo

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 Even if the cyan (blue), magenta (red), yellow toner cartridge life has been reached, spot color printing can be done by specifying "Print only with spot color". (You cannot print if the black toner cartridge life is reached.)

#### Using Windows PS Printer Driver

- Open the file to be printed.
  - Click [Page Setup] in the [File] menu.
  - Select the paper size and print orientation, and click [OK].
  - Select [Print] in the [File] menu.
  - Click [Advanced] (or [Properties]).
- 6 Use [Paper Source] in the [Paper/ Quality] tab to select the tray to be used.
- 7 Use [Media] to select the paper type to be used, and click [Advanced].
- Select suitable values from [Media Weight] using the [Advanced Options] screen, and click [OK].



**10** Select [Printing only spot color toner] in [Usage Methods], and click [OK].



11 Click [OK] to return to the [Print] screen.

**12** Click [Print] in the [Print] screen to print.

#### ■ Using Mac OS X Printer Driver

- Open the file to be printed.
- Click [Page Setup] in the [File] menu.
- Select the paper size and print orientation using the page setup dialog box, and click [OK].
- Select [Print] in the [File] menu.
- 5 Use the [Source] panel to select the tray to be used.
- 6 Click the [Feed] tab in the [Print Options] panel, and select suitable values using [Media Type] and [Media Weight].
- 7 Select [Prints only spot color toner] in [Usage Methods] in the [Spot Color] panel.

	Printer: Pro9541WT
	Presets: Default Settings
	Copies: 1
	Pages: O All
	From: 1 to: 1
	Paper Size: A4 210 by 297 mm
	Orientation:
	Spot Color
	Soot Color: White
	Usage Methods: Prints only spot color toner
1 of 1 → →>	
	Order of superposition:
	Printing white on the color
	Spot color toner quantity adjustment
	100 Low High
	✓ Don't layer white toner for 100% black
	Flip horizontally
	PDE Ver. 1.1.1

8 Click [Print] to print.

### Adjusting the usage amount of white toner

You can set the usage amount of white toner by the following procedure.

#### **U**Memo

• The density of the image printed using this function varies with the original document.

#### ■ Using Windows PS Printer Driver

Open the file to be printed.

- Select [Print] from the [File] menu.
- Click [Advanced].

4 5

Select the [Color] tab.

Click the [Spot Color] button to open the spot color dialog box.

Spot Color ×
Spot Color: White
Usage Methods
C Do not use
Full page
O Data portion (Excluding white)
O Data portion [Including white]
Printing only spot coor toner
Spot color toner quantity adjustment:
100 Low High
Don't layer white toner for 100% black
Speciak 💓 🗹 Mirror Print
OK. Cancel Default

6

Adjust the quantity of spot color toner.

If you do not want to overlap white toner on parts printed with 100% black, check [Don't layer white toner for 100% black].

Click [OK] to return to the [Print] screen.

#### Using Mac OS X

- Open the file to be printed.
  - Select [Print] from the [File] menu.
- Select the [Spot Color] panel.

Printer: Pro9541WT
Presets: Default Settings
Copies: 1
Pages: All From: 1 to: 1
Paper Size: A4 3 210 by 297 mm
Orientation:
Spot Color
Spot Color: White
Usage Methods: Full page
○ → 🔯
Order of superposition:
Printing white an the color
Spot color toner quantity adjustment
100 Low High
Don't layer white toner for 100% black
V Flip horizontally
PDE Vec. 11.1



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Adjust the quantity of spot color toner.

If you do not want to overlap white toner on parts printed with 100% black, check [Don't layer white toner for 100% black].

Specify other settings as necessary, and 6 click [Print].

#### **U**Memo

• If advanced settings are not displayed in the print dialog box, click [Show Details] on the bottom of the screen.

## Printing on transparent film

## Transparent films that can be used

Use transparent film that satisfies the following conditions.

- Transparent film used in e-photo printers or dry PPC.
- Film that is heat-resistant to 230°C.
- Paper of width 210mm min.
- Thoroughly test the print quality and paper traction beforehand, and check that there are no impediments before use.

#### ! Note

- Do not use shrink film for soft packaging printing.
- Light film may have poor absorption, multiple feeding, and paper jams.

## Setting transparent film in the device

#### ! Note

- Excellent clear film cannot be set in Tray 1 or an additionally provided tray (Option).
  - Open the multi-purpose tray  $(\widehat{1})$  towards you.





Open the auxiliary supporter (1).



Pull the setting lever (2) on the right side of the paper supporter (1) towards you.



Adjust the paper guide (1) to the width of the paper that has been set.



5 Set the paper so the indentation mark of the transparent film is positioned as shown in the diagram.

#### ! Note

• Do not set the paper beyond the paper guide (1).



When using OKI TRANSPARENCY FILM



For A3 Nobi

Adjust the paper guide to fit the width h of transparent film that has been set.



Release and return the setting lever (1)to its original position.



8

The numerical values input screen will be displayed.

Press the [Fn] key.



Press [9] and [0], and press the [OK] U button.



Select the paper size, and press the [OK] button.

#### *∅* Memo

• When using an A4 Nobi transparent film, select [A4 Wide 🖓].

Function Number	Paper Size	9/9 Page
90	1 A4Wide⊡	
Enter 1-3digi	2 ✔A4Wide 🖟	
	3 B6Half	
	4 Custom	
	<ul> <li>Use Online buttor</li> </ul>	ı to return t

11 Check that ✓ is displayed to the left of the selected paper size, and press the [BACK] button.

**12** Select [Media Type], and press the [OK] button.

MPTray Config	1/1 Page
1 Paper Size	
2 Media Type	
3 Media Weight	
4 Tray Usage	

Use Online button to return to standby screen.

Select [OKITRANSFILM], and press the [OK] button. Check that ✓ is displayed to the left of [OKITRANSFILM].



Press the [ONLINE] button to return to the standby screen.



100%	100%	100%	100%	100%
White	Yellow	Magenta	Cyan	Black

## Preparing output destination of transparent films

Transparent films will be output to the face-up stacker.

#### ! Note

- Multiple excellent transparent films cannot be stacked in the face-up stacker. Remove each printed transparent film after it is output, and then start the next print.
  - Open the face-up stacker (1) located on the left side of the device.



Open the paper supporter (2) as shown in the diagram.



Rotate the auxiliary supporter (③) in the direction of the arrow into the lock position.



### Mirror reverse printing

If printing on transparent film, print in the order color (CMYK) and then white, and print using mirror reverse for correct appearance when turned over.

#### Using Windows PS Printer Driver

Open the file to be printed.

Click [Page Setup] in the [File] menu.

**3** Select the paper size and print orientation, and click [OK].

Select [Print] in the [File] menu.

4

5

Click [Advanced] (or [Properties]).

6 Select [Stacker (Face-up)] from [Output Bin] in the [Job Options] tab.

Select [Multi-Purpose Tray] in [Paper Source] in the [Paper/Quality] tab.

## Select [OKITRANSFILM] in [Media].



**Q** Click [Spot Color] in the [Color] tab.

🖶 Printing Preferences	×
Layout Paper/Quality Job Options Color	
Color Mode	
O Office Color Ogtions	
Graphic Pro Options	
○ No Color Matching	
Greyscale	
Ioner Saving:	
Urr  Do not save 100% black toner  Spot Color  Adyanced  Chiro Control	
	<u> </u>
ОК	Cancel

**10** Select [Data portion (Including white)] in [Usage Methods].

For reverse printing, enable [Mirror Print], and click [OK].

Spot Color	>
Spot Color: White	
Usage Methods	
Do not use	
W O Full page	
Data portion (Excluding white)	
O Data portion (Including white)	
O Printing only spot color toner	
C Application specification	
Spot color toner quantity adjustment:	
100 Low	High
Don't layer white toner for 100% black	
Special:	

12 Click [OK] to return to the [Print] screen.

**13** Click [Print] in the [Print] screen to print.

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### ■ Using Mac OS X Printer Driver

- Open the file to be printed.
- Click [Page Setup] in the [File] menu.
- 2 3 Select the paper size and print orientation using the page setup dialog box, and click [OK].
  - Select [Print] in the [File] menu.
- 5 Select [Multipurpose Tray] in the [Source] panel.
- Select [Stacker (Face-up)] from [Output 6 Bin] in the [Paper] tab of the [Print Options] panel.
- Click the [Feed] tab in the [Print Options] panel, and select [OKITRANSFILM] in [Media Type].

And Information (1991) 122-1977 August IV	Printer: OKI DATA CORP Pro9541WT
	Presets. Delauti Settings
	Copies: 1
	Pages: 🔾 All
	From: 1 to: 1
	Paper Size: US Letter 💲 8.50 by 11.00 inches
	Orientation:
	Print Options
	Quality1 Quality2 Feed Paper
	Media Type: OKITRANSFILM
	Media Weight: Printer Setting
	Tray Switch
	Multipurpose tray is
	nandled as manual feed
	Check paper in the multi-purpose tray
	Check paper in any other tray
	Check paper in any other tray
	PDE Ver. 1.2.0
? PDF V Hide Details	Cancel Print

8 Select [Data portion (Including white)] in [Usage Methods] in the [Spot Color] panel.

9 For reverse printing, enable [Flip horizontally].



Click [Print] to print.

## Printing by using applications to specify Spot Color toner

### **Using Illustrator**

This explanation uses Illustrator CS6 as an example.

#### Adding Swatches

If using Spot Color (white), specify the swatches added for the objects to be Spot Color printed.

1 Open the swatch panel, and select new swatch.

Enter the name in [Swatch Name] as shown below.

For white toner: SpotColor\_White

New Swatch
Swatch Name: SpotColor_White
Color Type: Spot Color 🔹
🖌 Global
Color Mode: CMYK
C 0 %
M 0 %
Y 0%
К 0 %
OK Cancel



Select [Spot Color] in [Color Type].

New Swatch
Swatch Name: SpotColor_White
Color Type: Spot Color 🔹
🗹 Global
Color Mode: CMYK
C 0 %
M 0 %
Y 0%
К 0 %
OK Cancel

### Printing

If printing Spot Color, make the settings using the application print dialog box.

- Click [Advanced] from the menu on the left of the print dialog box.
- Select [Simulate] in [Overprints].

rint		_		_	_
		OKI C941(PS)			
		OKI C941(PS)			
General	Advanced				
Marks and Bleed					
Graphics Color Management	Overprint and	Transparency Flattener (	Options		
Advanced					
		[Medium Resolution]		Custom	
Id d 1 of 1 Document: 612 pt x 792 pt Media: 612 pt x 792 pt Setup			Print		



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#### □ Using Windows

- Select Windows PS printer drivers, and click [Advanced] (or [Properties]).
- (2) Click [Spot Color] in the [Color] tab.
- (3) Select [Application specification] in [Usage Methods], and click [OK].

Spot Color	×
Spot Color: White	
Usage Methods	
🦰 🔿 Do not use	
🗰 🔿 Full page	
が 🔿 Data portion (Excluding white)	
📶 🔿 Data portion (Including white)	
M O Printing only spot color toner	
Providential Application	
Spot color toner quantity adjustment:	
100 Low	High
Don't layer white toner for 100% black	
Special:	
	OK Cancel Default

(4) Implement printing.

#### Using Macintosh

- (1) Select the [Spot Color] panel.
- (2) Select [Application specification] in [Usage Methods], and click [Print].

	Drieter Droof 411/7
	Prosete: Default Settings
	Presets: Default Settings
	Copies: 1
	Pages: All
	Paper Size: A4 210 by 297 mm
	Orientation:
	Spot Color
	Sont Color: White
	Usage Methods: Application specification
	Order of superposition:
	Printing white on the color
	Spot color toner quantity adjustment
	100 Low High
	Don't layer white toner for 100% black
	Flip horizontally
	PDE Ver. 1.1.1
? PDF V Hide Details	Cancel



### **Using Photoshop**

This explanation uses Photoshop CS6 as an example.

#### Adding Spot Color Channels

If using Spot Color (white), specify the Spot Color channels added for the objects to be Spot Color printed.

Open the channel panel, and select a new Spot Color channel.

2 Enter the name in [Name] as shown below.

For white: SpotColor\_White

Name:	SpotCo	lor_White		ОК
— Ink (	Characte	eristics		Reset
Color:		Solidity: 66	%	

#### Saving in PDF Format

Spot Color printing directly from Photoshop is not possible, so initially save the file in PDF format.

#### Printing

- Open the file that has been saved in PDF format using Acrobat or Adobe Reader.
- 2 Select [File]-[Print] to open the print dialog box.



4 Select [Color] from the menu on the left of the print dialog box, and select [Simulate overprint]. (If using Adobe Reader, click [Advanced], and then select [Simulate overprint].)

5	Click [OK]	to	return	to	the	print	dialog
J	box.						

Settings: Custom	Delete     Save As	
-		
Printer: OKI C941(PS)	Print As Image 300 👻 dpi	
	Color Management	
	Color Handling: Printer Color Management	
	Color Profile:	
Outrust	Output Calas Composite	
Marks and Bleeds		
PostScript Options	Apply output preview settings	

#### □ Using Windows

1 2 3 Select Windows PS printer drivers, and click [Advanced] (or [Properties]).

Click [Spot Color] in the [Color] tab.

Select [Application specification] in [Usage Methods].



Implement printing.

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Using Macintosh

Select the [Spot Color] panel.

2 Select [Application specification] in [Usage Methods].

Drinter	DroDE41WT
Printer	
Presets	Derault Settings
Copies	: 1
Pages	
	From: 1 to: 1
Paper Size	: A4 🗘 210 by 297 mm
Orientation	
	Spot Color
Shot C	olor: White
Usage	Methods: Application specification
Order	of superposition:
	Printing white on the color
Spot	color toner quantity adjustment
100	Low High
	✓ Don't layer white toner for 100% black
Flip	horizontally
PDE Ver.	1.1.1
PDF     Hide Details	Cancel Print



Implement printing.

## Fine-tuning the white gradation

Finely adjust the shade for each white highlight, dark, mid-tone gradation using the printer control panel.

#### **Ø**Memo

• Displayed when using white toner.

This section explains the procedure for slightly darkening the white highlights.



2 Select [Calibration], and press the [OK] button.



**3** Select [White Tuning], and press the [OK] button.



Select [Highlight], and press the [OK] button.



5 For the white highlight value, specify a larger value than the current set value, and press the [OK] button. Check ✓ that is displayed to the left of the specified value.



#### *∅* Memo

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- Increase the value to darken, and lower the value to lighten.
  - Press the [ON LINE] button to return to the standby screen.



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