



Operating Instructions

Administrator Mode Guide

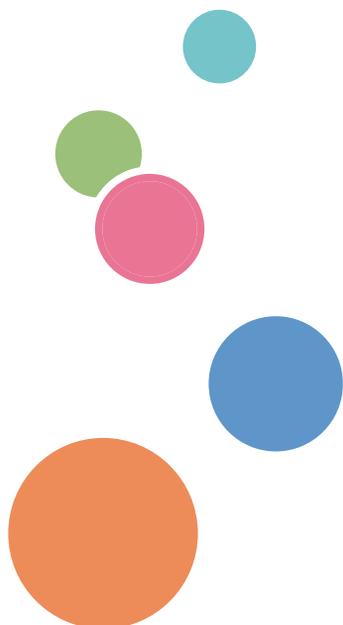


TABLE OF CONTENTS

Getting Started.....2
 Disclaimer.....2
 Notes.....2

1. Configuring UV Lamp Settings

Changing UV Lamp Operation..... 3

2. Customizing Print Settings

Creating and Changing Print Mode..... 5
Creating and Changing Color Mode..... 8
Creating and Changing Layout.....10
 Configuring Layer Settings..... 11

Getting Started

This manual explains Print Control functions that can be used in administrator mode.

For details about how to log into administrator mode, contact your service representative.

Note that changing settings and printing in administrator mode are not covered by the warranty.

Disclaimer

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this product, losses of documents or data, or the use or non-use of this product and operation manuals provided with it.

Notes

Contents of this manual are subject to change without prior notice.

Some illustrations or explanations in this guide may differ from your product due to improvement or change in the product.

The screen shots used in this manual are displayed in English.

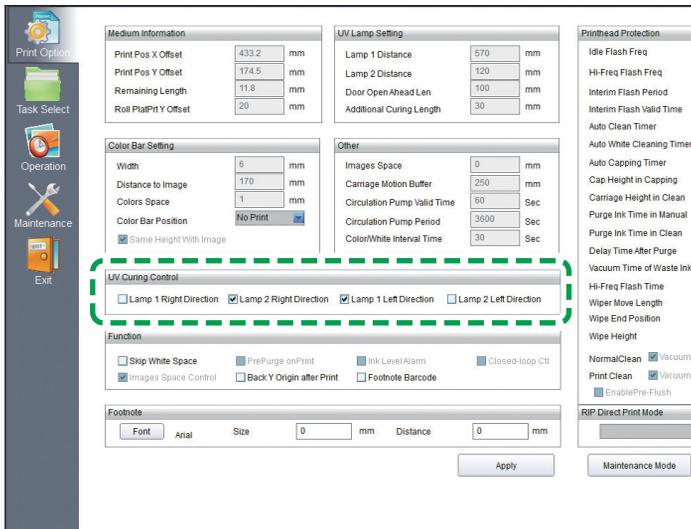
1. Configuring UV Lamp Settings

Changing UV Lamp Operation

1

Configure settings for the UV lamp you want to turn on when moving the carriage to the left or right.

1. Using Print Control, log into administrator mode.
2. Click [Print Option] to open the [Print Option] screen.
3. In "UV Curing Control", check the required items.



EAJ101

- Lamp 1 Right Direction
If selected, the LED on the left side of the carriage will light up when the carriage moves to the right.
- Lamp 2 Right Direction
If selected, the LED on the right side of the carriage will light up when the carriage moves to the right.
- Lamp 1 Left Direction
If selected, the LED on the left side of the carriage will light up when the carriage moves to the left.
- Lamp 2 Left Direction
If selected, the LED on the right side of the carriage will light up when the carriage moves to the left.

4. Click [Apply] to apply the configured settings.

Depending on the combination of the UV lamp setting, media, and image to be printed, the media may be deformed by the heat of the lamp.

After changing the UV lamp settings, check that the media does not become deformed.

If the media becomes deformed, it may come into contact with the print head and damage it.

2. Customizing Print Settings

You can change settings, such as the carriage speed, print direction, spot color printing, and multilayer printing order according to your specific application needs.

Carry out this procedure in the following order:

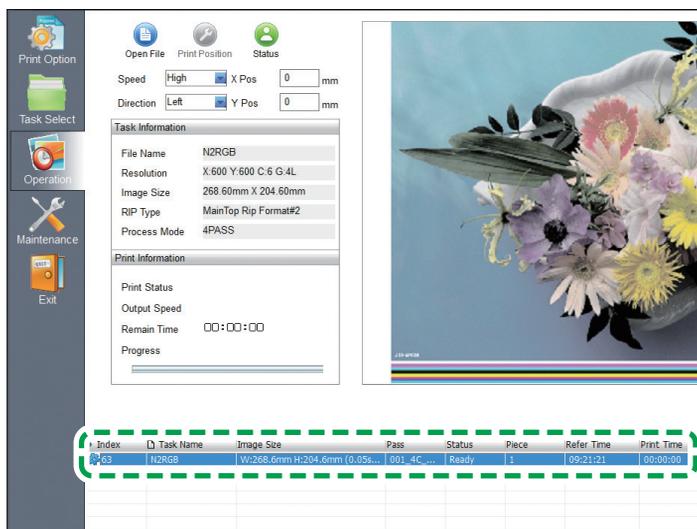
1. Creating print mode
2. Creating color mode
3. Creating layout

2

Creating and Changing Print Mode

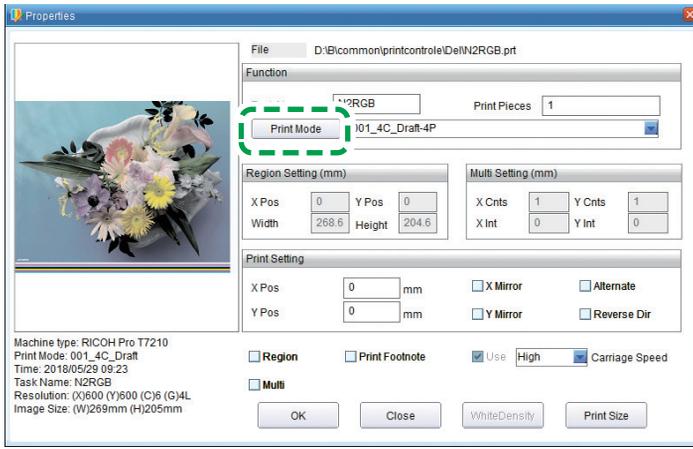
This section explains how to create a new print mode. You can also change a print mode that has been created. Configure the color mode, carriage speed, and print direction settings.

1. Using Print Control, log into administrator mode.
2. Double-click on the task in the task list to open the Properties dialog box.



EAJ102

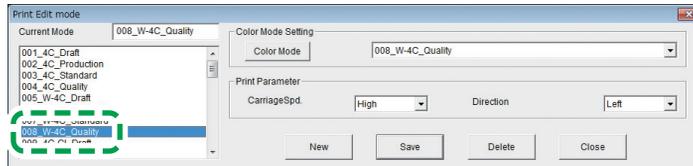
3. Click [Print Mode] to open the Print Edit mode dialog box.



EAJ103

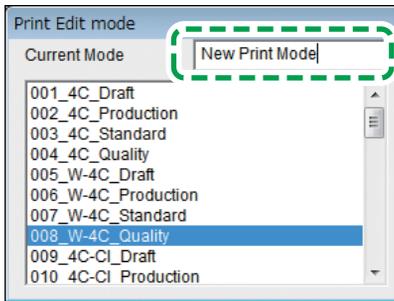
4. In the list in the sidebar, select "008_W-4C_Quality".

To change a print mode previously created, select that print mode and then go to Step 7.



EAJ104

5. Rename the print mode.

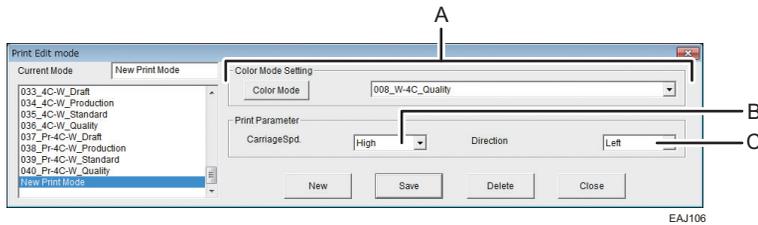


EAJ105

6. Click [New].

A new print mode is created.

7. Configure the color mode, carriage speed, and print direction settings.



A. Color Mode Setting

From the drop-down list, select a color mode.

Alternatively, click [Color Mode], and then create a new color mode. For details, see page 8 "Creating and Changing Color Mode".

B. CarriageSpd.

- Select from High, Normal, and Low. Do not select "Not Specified".
- Normal speed is approximately 2/3 of high speed; low speed is approximately 1/3 of high speed.
- Decreasing the speed improves the image quality but decreases throughput.
- If selecting normal or low speed, perform color offset adjustment at each speed. For details about how to perform color offset adjustment, see "Color Offset Adjustment", Operating Instructions.
- Note that if selecting low speed, the media may be heated too much by the UV lamp and become deformed.

C. Direction

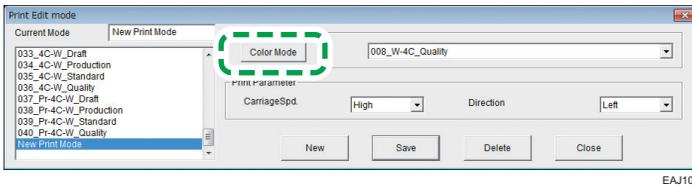
Select from "Bi-Dir", "Left", and "Right".

8. Click [Save] to save the configured print mode.
9. To use a saved print mode, return to the Properties dialog box, and then select the applicable print mode.

Creating and Changing Color Mode

This section explains how to create a new color mode. You can also change a color mode that has been created. Configure the settings for spot color printing, ink volume, and layout.

1. Using Print Control, log into administrator mode.
2. Double-click on the task in the task list to open the Properties dialog box.
3. Click [Print Mode].
4. Click [Color Mode] to open the Color Mode Setting dialog box.



EAJ107

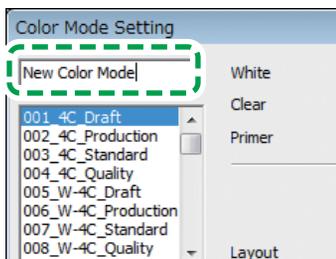
5. In the list in the sidebar, select "001_4C_Draft".

To change a color mode previously created, select that color mode and then go to Step 8.



EAJ108

6. Rename the color mode.

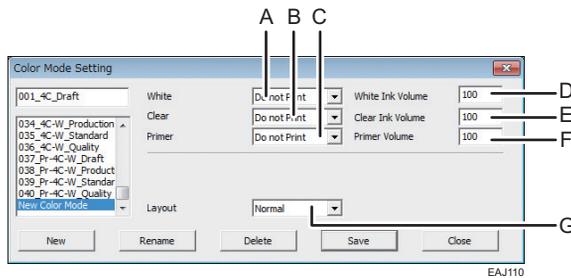


EAJ109

7. Click [New].

A new color mode is created.

8. Configure settings A to G (spot color printing, ink volume, and layout).



A. White

Select the spot color printing setting for white ink from the following 3 items.

- Do not Print: Do not apply white ink
- Flood: Apply white ink to the entire image
- RIP Data: Apply white ink to the RIP data part only

Do not select any of the other items.

B. Clear

Select the spot color printing setting for clear ink. The items in the setting are the same as those in White.

C. Primer

Select the spot color printing setting for primer ink. The items in the setting are the same as those in White.

D. White Ink Volume

Configure the white ink volume between 0 and 100 (%).

E. Clear Ink Volume

Configure the clear ink volume between 0 and 100 (%).

F. Primer Volume

Configure the primer ink volume between 0 and 100 (%).

G. Layout

Select the multilayer printing order.

To create a new layout, select "More...". For details, see page 10 "Creating and Changing Layout".

9. Click [Save] to save the configured color mode.

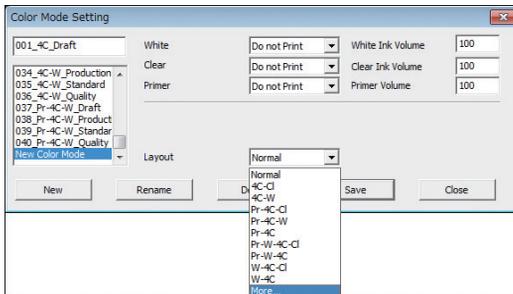
10. To use a saved color mode, return to the Print Edit mode dialog box, and then select the applicable color mode.

Creating and Changing Layout

This section explains how to create a new layout. You can also change a layout that has been created. Configure the settings for the multilayer printing order.

2

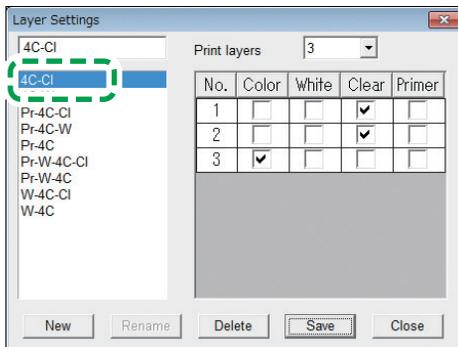
1. Using Print Control, log into administrator mode.
2. Double-click on the task in the task list to open the Properties dialog box.
3. Click [Print Mode].
4. Click [Color Mode].
5. In the "Layout" drop-down list, select "More...".



The Layer Settings dialog box opens.

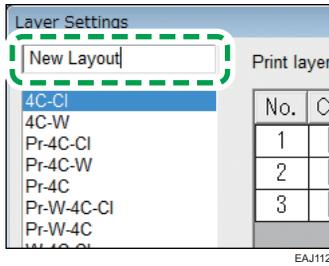
6. In the list in the sidebar, select "4C_Cl".

To change a layout previously created, select that layout and then go to Step 9.



EJA111

7. Rename the layout.



8. Click [New].

A new layout is created.

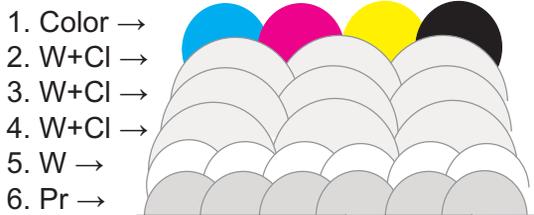
9. Configure the layer settings. For details, see page 11 "Configuring Layer Settings".

10. Click [Save] to save the configured layout.

11. To use a saved layout, return to the Color Mode Setting dialog box, and then select the applicable layout.

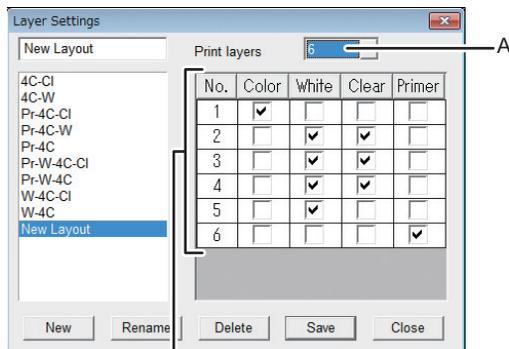
Configuring Layer Settings

By way of example, this section describes the procedure for configuring the following 6-layer printing.



EAJ014

Dialog box



B

EAJ113

A. Print layers

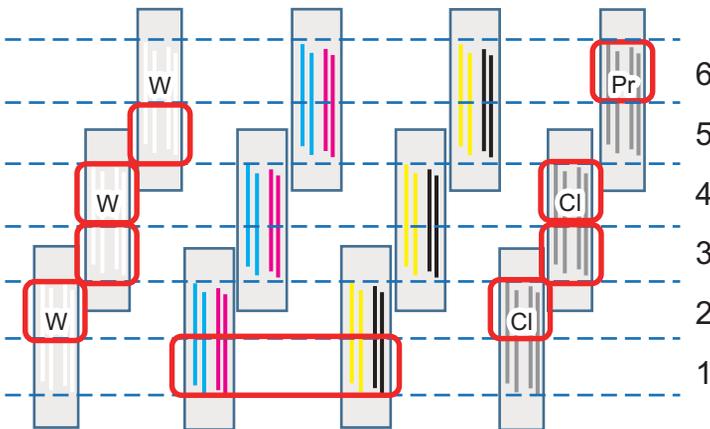
Configure the number of layers for multilayer printing. In this example, 6 layers are selected.

B. Configuring the color of each layer

Check the color to print on each layer. The layers are printed in descending order, from 6 to 1.

If you select 2 types of ink on the same layer, they mix and harden. In Layers 2, 3, and 4, white and clear inks mix and harden.

Splitting the print head and ink discharge position



EAJ015

The print head is split in the Y direction according to the number of layers configured. If 6 layers are configured, the print head is split into 6 sections at the positions indicated by the dotted lines.

The inks checked for each layer color setting are discharged, as shown by red frames.

Notes on layer setting configuration

- The layers that can be selected for the clear (Cl) and primer (Pr) colors are limited because of the print head position. If 6 layers are configured, you can select only layers 1, 2, 3, and 4 for the clear color and layers 5 and 6 for the primer color. Even if you check the clear color (Cl) in layer 5 or 6, the ink is not discharged and thus not printed.

The layers that can be used with Cl and Pr are as indicated below. Ink injection may be unstable in the case of the layers shown in parentheses.

Total number of layers	Cl layer	Pr layer
1	(1)	(1)
2	1	(2)
3	1, 2	3
4	1, 2, (3)	(3), 4

Total number of layers	Cl layer	Pr layer
5	1, 2, 3, (4)	(4), 5
6	1, 2, 3, 4	5, 6
7	1, 2, 3, 4, (5)	(5), 6, 7
8	1, 2, 3, 4, 5, (6)	(6), 7, 8

- In a customized setting, you cannot select multiple clear color (Cl) layers for gloss lamination.
- If configuring the layers in a customized setting, do not check "Reverse Dir" in the Properties dialog box.

MEMO

MEMO

MEMO

