Printer Driver Instruction Manual

~For Windows 7, 8~

CP3800DW

July 12, 2013. Ver.3.01

Safety precautions

Please read the User's Manual for the printer carefully before use, and follows the instructions. Note that the contents of directions for use and safety precautions correspond to the safety standards as of the time the User's Manual has been created.

Remodeling

For product safety, do not remodel the CP3800DW printers or the contents of the CP3800DW printer drivers and the CD.

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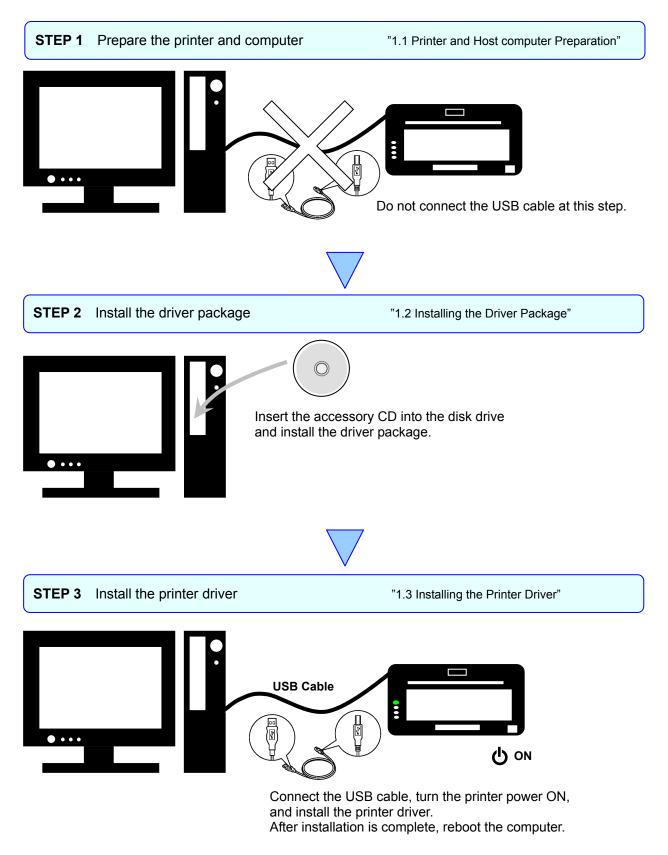
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Chapter 1 Install

Installation Flow

Installation is done in the following 3 steps. Details of each step are shown in a subsequent page.



1.1 Printer and Host computer Preparation

Check that the power for the CP3800DW printer is OFF. Have a USB cable ready. But do not connect the printer to the computer with the USB cable at this point.

Please login with administrator rights to install the driver. The following explanations are given on the assumption of use with administrator rights.

1.2 Installing the Driver Package

Insert the accessory CD into the disk drive.

Start Explorer, and click on the corresponding drive.

(If the AutoPlay function is on, select "Open folder to view files - using Windows Explorer".)

(In Windows 8 if the AutoPlay function is on, click on the message of "Tap to choose what happens with this disc.", then select "Open folder to view files File Explorer".)

Select the following folders from the accessory CD.

Windows 7 ... Drive of CD:\CP3800\Driver\7 Windows 8 ... Drive of CD:\CP3800\Driver\8

			- • ×
	00 ► Driver ► 7 ►	earch 7	Q
Organize 🔻 Burn to	disc Erase this disc	:==	• 🔳 🔞
🔺 💽 DVD RW Drive 🥤	Name	Date modified	Туре
 CP3800 Driver 	Files Currently on the Disc (3)		
⊳ 🍌 2K	퉬 DriverPackage	2/4/2010 5:44 PM	File folder
Þ 🍌 7	DriverInstall.CMD	2/2/2010 11:28 PM	Windows Comm
⊳ 퉲 8	ReadMe_Install.txt	2/9/2010 4:37 AM	Text Document
🛛 🗋 Vista			
⊳ 퉲 XP 🗧	1		
▷ 퉲 Manual 🛛	=		
🛛 🗣 Network			
* ·	▼		÷.
3 items			

Fig 1.1 Driver Package Folder

In the selected folder, double click on the file "DriverInstall.CMD". (Depending on your operating environment, the .CMD extension may not be shown.)

The best Driver Package Installer for your operating system (32 or 64 bit) will automatically be selected.

			- O X
	0 ► Driver ► 7 ►	earch 7	Q
Organize 🔻 Burn to d	isc Erase this disc	:==	• 🔳 🔞
DVD RW Drive	Name	Date modified	Туре
CP3800	 Files Currently on the Disc (3) 		
<u></u> 2K	DriverPackage	2/4/2010 5:44 PM	File folder
7	DriverInstall.CMD	2/2/2010 11:28 PM	Windows Comm
8 🌡	ReadMe_Install.txt	2/9/2010 4:37 AM	Text Document
🌗 Vista			
📕 XP			
🔰 Manual 😑			
🗣 Network			
	<		÷.
DriverInstall Windows Co	.CMD Date modified: 2/2/2010 11:28 PM mmand Script Size: 526 bytes		

Fig 1.2 Install File

If the User Account Control dialog appears, click on "Yes".

😗 Use	r Account Control		×
Do you want to allow the following program from an unknown publisher to make changes to this computer?			
	Program name: Publisher: File origin:	dpinst32.exe Unknown CD/DVD drive	
💌 s	how <u>d</u> etails		Yes No
			Change when these notifications appear

Fig 1.3 User Account Control

When the "Welcome to the Device Driver Installation Wizard!" window appears, click on "Next >".

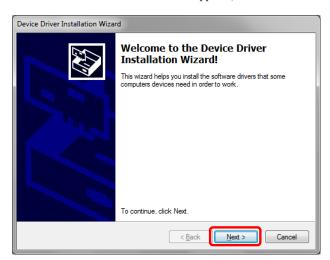


Fig 1.4 Starting of Installation Wizard

If the Windows Security confirmation window appears, click on "Install this driver software anyway".

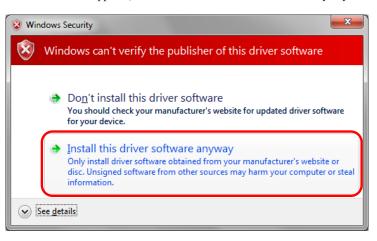
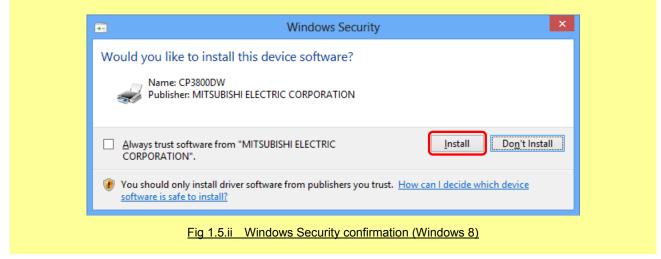


Fig 1.5.i Windows Security confirmation (Windows 7)

In Windows 8, click on "Install".



This starts the Driver Package installation. Please wait until it is complete. When the "Completing the Device Driver Installation Wizard" window appears, click on "Finish".

Device Driver Installation Wiza	rd		
	Completing the Do Installation Wizar		
	The drivers were successfully installed on this computer.		
	You can now connect your de came with instructions, please r	vice to this computer. ∦ your device read them first.	
	Driver Name	Status	
	✓ MITSUBISHI ELECTRIC.	Ready to use	
	< <u>B</u> ack	Finish Cancel	

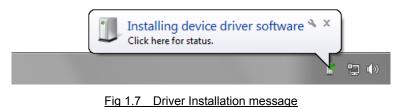
Fig 1.6 Completion of the Installation Wizard

1.3 Installing the Printer Driver

Connect the printer to the computer with the USB cable, and turn the printer power ON.

- The printer will be recognized, and the driver installation should begin.
- * Please refer to the manual for the CP3800DW printer for connection if needed.

When driver installation begins, the message "Installing device driver software" will appear above the task bar. The message will not appear in Windows 8. Please turn to page 7.



By clicking on this message, the "Driver Software Installation" window will be opened, and the driver installation status will be shown. Click on "Close" to close the window.

Driver Software Installation	
Installing device driver softw	ware
USB Printing Support MITSUBISHI CP3800DW	Ready to use Searching Windows Update
Obtaining device driver software from Skip obtaining driver software from	m Windows Update might take a while. <u>Windows Update</u>

Fig 1.8 Driver Software Installation

* About "Skip obtaining driver software from Windows Update"

If the operating system setting is such that it will get the driver software from Windows Update, it will first search for the driver through Windows Update, so it will take more time to complete the installation. If you skip getting the driver software through Windows Update, the time to complete the installation will be decreased (Depending on the environment, it may take some time to complete the installation).

Click on "Skip obtaining driver software from Windows Update" in the "Driver Software Installation" window.

Driver Software Installation		×
Installing device driver softw	vare	
USB Printing Support MITSUBISHI CP3800DW	Ready to use Searching Windows Update	
Obtaining device driver software from Skip obtaining driver software from V	n Windows Update might take a while. Vindows Update	
		<u>C</u> lose

Fig 1.9 Skip obtaining driver software from Window Update

When the confirmation window appears, click on "Yes".



From a beginning of installation after a while, the message "Your device is ready to use" will appear above the task bar, and the printer driver installation will be complete.

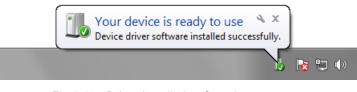


Fig 1.11 Driver Installation Complete message

By clicking on this message, the "Driver Software Installation" window will be opened, and "Your device is ready to use" will be shown. Click on "Close" to close the window.

(If the "Driver Software Installation" window is shown from the start of installation, the message above will not be shown.)

Driver Software Installation		×
Your device is ready to use		
USB Printing Support MITSUBISHI CP3800DW	Ready to use Ready to use	
		Close

Fig 1.12 Driver Software installation complete

Select "Start", then "Control Panel", and open the control panel. In Windows 8, right click the Start screen, select right-under the "All apps" and select the control panel. Please click on "View devices and printers" in the control panel.

Control Panel >	✓ 4 Search Control Panel P
Adjust your computer's settings	View by: Category 🔻
System and Security Review your computer's status Back up your computer Find and fix problems Network and Internet	User Accounts and Family Safety Add or remove user accounts Set up parental controls for any user Appearance and Personalization
View network status and tasks Choose homegroup and sharing options	Change the theme Change desktop background Adjust screen resolution
Hardware and Sound View devices and printers Add a device	Clock, Language, and Region Change keyboards or other input methods Change display language
Programs Uninstall a program	Ease of Access Let Windows suggest settings Optimize visual display

Fig 1.13 Control Panel

Check that the MITSUBISHI CP3800DW is shown in the Devices and Printers window. Note: In Windows 8, CP3800DW icon does not appear if the printer is offline (if the printer with the power on is not connected). Now, installation of the CP3800DW printer driver is complete.

Search Devices and Printers			×
Add a device Add a printer See what's printing Print server properties Remove device	ters	•	ې ا
Devices (4)			
Printers and Faxes (3)			
Fax Microsoft XPS Document Writer			
MITSUBISHI CP3800DW State: O Default Status: 0 document(s) in queue Model: MITSUBISHI CP3800DW Category: Printer			

Fig 1.14 Devices and Printers window

After installation of the printer-driver is complete, be sure to reboot the computer.

If the CP3800DW printer driver installation was unsuccessful, the message "Device driver software was not successfully installed" will appear above the task bar.



Fig 1.15 Driver Not Installed message

By clicking on this message, the "Driver Software Installation" window will be opened, and the message "Device driver software was not successfully installed" will appear. Click on the "Close" button.

(If the "Driver Software Installation" window is shown from the start of installation, the message above will not be shown.)

If the driver insallation was unsuccessful, refer to the next section "1.4 Installing a Driver for an Unspecified Device" and install the printer driver.

Driver Software Installation	
Device driver software was	not successfully installed
Please consult with your device man	nufacturer for assistance getting this device installed.
MITSUBISHI CP3800DW	🗙 No driver found
What can I do if my device did not i	nstall properly?
	Close

Fig 1.16 If the Driver is not installed successfully

1.4 Installing a Driver for an Unspecified Device

Before installing the driver package, connect the printer (with power ON) to the computer, to create an "Unspecified" device in the "Devices and Printers" window. Using this method, the printer driver can be installed as follows. Also, when a driver is not installed correctly but the "Unspecified" device is created by the method of connecting a printer after installing the driver package of usual printer driver installation procedure, you can install the driver using the following method.

1. Installing the Driver Package

If the driver package has not been installed yet, follow the procedure shown in "1.2 Installing the Driver Package". When the driver package has been installed, installation of the printer driver for the Unspecified device may be completed automatically.

2. Installing a driver for an Unspecified device

In the "Unspecified" device of the "Devices and Printers" window, do the right click of the "Photo Printer", and click on the "Troubleshoot" from pull-down menu.

Control Panel + Hardware and Sound + Devices and Printers	• *;	Search Devices and Print	ers	Q
Add a device Add a printer				• 🕡
▷ Devices (3)				
Printers and Faxes (2)				
Microsoft XPS Document Writer				
Unspecified (1) Create shortcut Troubleshoot Photo Printer Properties				
Photo Printer Model: Photo Printer Category: Unknown				

Fig 1.17 Photo Printer as an unspecified device

When the "Install a driver for this device" window appears, click on "Apply this fix". It will automatically search for the driver and installation is started.

C Devices and Printers	x
Install a driver for this device The driver for MITSUBISHI CP3800DW is not installed. Install the latest driver for the device.	
 Skip this fix Continue troubleshooting without applying this fix. 	_
Cance	el

Fig 1.18 Applying the Fix

When the driver is installed, "Troubleshooting has completed" appear. Please click on "Close the troubleshooter" to end the troubleshooting.

		×
Or Devices and Printers		
Troubleshooting has completed		
The troubleshooter made some changes to your system. Try atter to do before.	npting the task you we	re trying
Problems found		
MITSUBISHI CP3800DW doesn't have a driver	Fixed	 Image: A start of the start of
 Close the troubleshooter 		
Explore additional options		
View detailed information		
		Close

Fig 1.19 Completion of Troubleshooting

Check that the MITSUBISHI CP3800DW is displayed in the Devices and Printers window.

Note: In Windows 8, CP3800DW icon does not appear if the printer is offline (if the printer with the power on is not connected). Now, the CP3800DW Printer Driver installation is complete.

Search Devices and Printers	ters	٩
Add a device Add a printer See what's printing Print server properties Remove device		, 🕡
Devices (4)		
Printers and Faxes (3)		
Fax Microsoft XPS Document Writer		
MITSUBISHI CP3800DW State: Default Status: 0 document(s) in queue Model: MITSUBISHI CP3800DW Category: Printer		

Fig 1.20 Devices and Printers

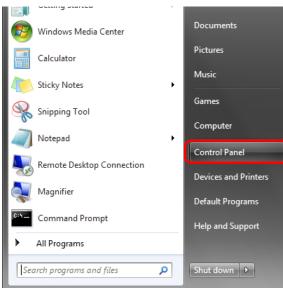
After installation of the printer-driver is complete, be sure to reboot the computer.

Chapter 2 Properties

Various printer settings can be made using the CP3800DW Driver properties. As a rule, the printer settings should not be altered. Use the default settings present at installation. Alter paper-size settings at the Application side. Before operation, be sure to have a good understanding of the contents.

2.1 Opening Printer Properties

Click Start ⇒ Control Panel ⇒ open the control panel
 In Windows 8, Right click on the Start screen ⇒ All apps ⇒ Control Panel ⇒ open the control panel



2. In the control panel, select View devices and printers

open the Devices and Printers window



3. Right-click on the CP3800DW icon, and from the pull-down menu select Printer properties \Rightarrow open the Properties window Note: In Windows 8, CP3800DW icon does not appear if the printer is offline (if the printer with the power on is not connected).

Control Panel + Hardware and Soun	nd > Devices and Printers	 ✓ ✓ 	rices and Printers
Add a device Add a printer See what's printin Devices (4) Printers and Faxes (3)	g Print server properties	Remove device	
Fax Microsoft XPS Document Writer CP380	See what's printing Set as default printer Printing preferences Printer properties Create shortcut		
MITSUBISHI CP3800DW State Model Category	Troubleshoot Remove device Properties	ocument(s) in queue	

4. The CP3800DW Properties window will appear.

II CP3800DW			
CP3800DW			
	Paper availabl	e:	
	(8x10)		*
0 dpi			-
Pr <u>e</u> fer	rences	Print	<u>T</u> est Page
		(8×10)) dpi

Explanation of Print Setting Functions 2.2

From the Properties window, by selecting Print Settings you can make various print settings.

2.2.1 Layout

ayout Paper/Quality	W Printing Preferences Option Color Adjustment	
Orientation:		
A Portrait	-	
Page Order:		
Front to Back	-	
Page Format		
Pages per Sheet	1 -	
Draw Borders		
		=-
		Ad <u>v</u> anced
		Advanced

Fig 2.2.1 Layout tab

Orientation

Please set to Portrait

Page Order

When printing multiple images in the application, you can set the order.

Ex.) Print order

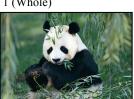
No.3 No.1 No.2 Front to Back Back to Front

Pages per Sheet

Prints the designated fractional size. Normally you should specify a value of 1. (If you want to specify other than 1, please use the Print Quality settings to 300x300dpi or 600x600dpi)

Ex.) Fractional size

1 (Whole)



4 (Quarter-size)



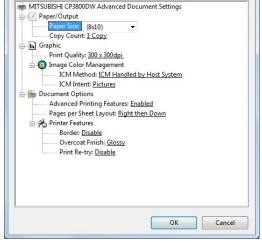
9 (One-ninth size)



2.2.2 Advanced Options

By selecting [Advanced Settings] in the Layout window, various settings can be made using Advanced Options.

Qrientation:		MITSUBISHI CP3800DW Advanced
▲ Portrait ~ Page Order: - Front to Back ~ Page format ~ Pages per Sheet 1 □ Drag/ Borders	Adyanced	Copy Count: 1 Copy Copy Count: 1 Copy Print Quality: 300 x 300dpi Print Quality: 300 x 300dpi Command Color Management ICM Intent: Pictures Document Options Advanced Printing Features Pages per Sheet Layout: Ric Printer Features Border: Disable Overcoat Finish: Glossy Print Re-try: Disable
ок	Cancel Apply	



×

Fig 2.2.2.1 Advanced Settings

Fig 2.2.2.2 Advanced Options tab

Paper Size

You can designate the paper size. Please match the paper size to the media size with which the printer is equipped

Copy Count

You can designate the number of times an image will be printed.

Print Quality

You can designate the print quality.

Print Quality	Function
300 x 300dpi	Printing in the high-speed mode
300 x 600dpi	Printing in the high-quality mode * If the application can not set an asymmetric aspect resolution, please set the 600x600dpi. *When you execute the "Print Test Page" in printer properties in Windows 8, depending on the specifications of the OS, is printed the aspect ratio of the printer mark is different.
600 x 600dpi	Printing in the high-quality mode (Printer driver converts to 300x600dpi data, and sends it to the printer.)

ICM Method

ICM intent	Function	
ICM Disabled	2.2.4 Synchronous with "Color Management: None" in paper option.	
ICM Handled by Host System	2.2.4 Synchronous with "Color Management: ICM" in paper option.	
	Performs color management with the driver.	
ICM Handled by Printer	This is the same as setting "ICM Handled by Host System".	

ICM Intent

This designates the rendering method when using ICM. Always have the ICC profile for the CP3800DW set to "Picture". Please do not use it at other settings.

Advanced Printing Features

Always have it set to "Enabled". Please do not use it at other settings.

Pages per Sheet Layout

The layout direction of a picture is specified, when Pages per Sheet setting is multiple pages per sheet.

Border

Synchronous with the border option in the paper option.

Overcoat Finish (Depending on the version of the printer, "Glossy" may be the only option) There are two types of overcoat finish:

Overcoat Finish	Function	
Glossy	The printed images with a glossy surface.	
Matte	The printed images with a matte (luster) surface.	

* Re-boot computer is needed if the printer driver was updated. Otherwise this new driver function will not be available.

Print Re-try (Depending on the version of the printer, "Disable" may be the only option) This sets up determines whether print data in the printer buffer is printed after error recovery.

Print Re-try	Function	
Disable	Printing data in the printer buffer is cleared in case of a printer error. You may be required to re-send the image data to print. When using a program that has an error recovery function, select this antion	
Enable	this option.Image data in the printer buffer is held in the case of certain printer error. After the printer recoverfrom the error, the print process resumes with the saved data. However, if the power is turned OFF,the data will not be saved. See chart below for errors which can resume printing.	

* Re-boot computer is needed if the printer driver was updated. Otherwise this new driver function will not be available.

Printer errors recovery chart

Error recovery is based on Print Re-try setting. You may be required to reset the printer power.

Contents of an error	Print Re-try setup is "Disable"	Print Re-try setup is "Enable"
Paper End	After error recovery, resend last image data	Printing will resume after error recovery.
Ribbon End	not printed.	
Door is Open		In some cases where printer initialize is needed,
Paper Jam (*1)		printing will resume after initialization.
Ribbon Error (*1)		
Paper Error		
No Scrap Box		
System Error	Reset printer power to recover from this error.	Reset printer power to recover from this error.
	Then resend the last image data not printed.	Data held in the printer buffer is cleared after
		power reset.
		Resend image data is required.

*1: Please refer to the user's manual to recover from these errors.

2.2.2-1 Multiple layout method 1

The CP3800DW is able to print 2 or 3 images multiple layouts.

With the printer driver paper setting, multi-image layout is made possible, and the image sizes are as follows.

Refer to "2.2.2-2 Multiple layout method 2" for multi-cut paper settings with the "M_" prefix.

Layout designation	l
--------------------	---

Model	Driver paper setting (layout)	Image size(mm)	Using media
CP3800DW	(8x4) x 2	(207.3x104.6) x 2	8x12, 8x10
	(8x5) x 2	(207.3x130.0) x 2	8x12, 8x10
	(8x6) x 2	(207.3x155.4) x 2	8x12
	$(8x5)_{(8x4)}$	(207.3x130.0) x (207.3x104.6)	8x12, 8x10
	$(8x6)_{(8x4)}$	(207.3x155.4) x (207.3x104.6)	8x12, 8x10
	$(8x6)_{(8x5)}$	(207.3x155.4) x (207.3x130.0)	8x12
	$(8x8)_{(8x4)}$	(207.3x206.2) x (207.3x104.6)	8x12
	(8x4) x 3	(207.3x104.6) x 3	8x12
Image layout	median size	2.54	

Multiple layout is possible under the following conditions.

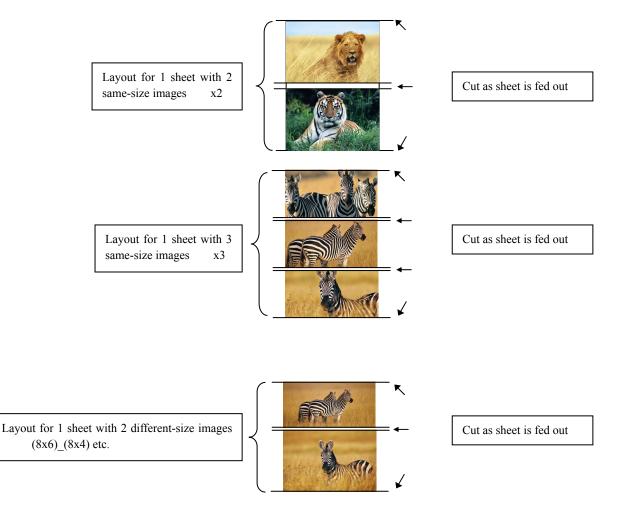
1. The printer driver paper size is set to one of the above sizes.

2. Multiple images are sent from the application.

Note) Because the multi-image layout occurs on a per job basis, this works when there are multiple images for 1 job. If you want to print the same image, be sure to send the image data for each copy to be printed. The printer prints 2 or 3 images in one operation, and the paper is cut as it is fed out.

<Multi-image layout patterns>

The following combinations are possible for the multi-image layout patterns.



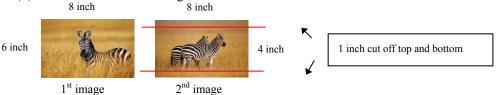
Cautions for printing 2 different-size images on one sheet

When printing 2 different-size images on 1 sheet, 1 inch will be cut off the top and bottom of the 2^{nd} image when the image is being generated. When creating the original image, be aware of the following points.

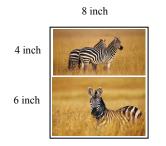
Ex.) When the layout is set for (8x6)_(8x4)

The driver creates the layout image in the order of (1), (2).

(1) It creates two 8x6inch images

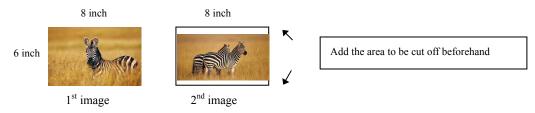


(2) The driver then lays out the 2 different-size images from (1) as one (8x10) image and outputs it to the printer.



Ex.) Example of creating the original image.

When outputting the original image to the driver, the 1^{st} and 2^{nd} images are created as the same size, so factor in the space that will be cut off from the 2^{nd} image.



2.2.2-2 Multiple layout method 2

When running a multi-cut print of an miage that has been prepared as a multi-image layout, select the multi-cut paper size with the " M_{-} " prefix from the table below.

When these paper sizes are selected, the border option (paper option tab "Border", or advanced option "Border") is automatically set to disable, and cannot be changed. Because the driver processes it as no border, if a border is required, it should be added during image layout.

Model	Driver paper setting (layout)	Image size	Using Media
CP3800DW	M_(8x4) x 2		8x12, 8x10
	M_(8x5) x 2		8x12, 8x10
	M_(8x6) x 2		8x12
	$M_{(8x5)}(8x4)$	Refer to "2.5 Print Area" in "Print	8x12, 8x10
	$M_{(8x6)}(8x4)$	area of the multiple layout method 2".	8x12, 8x10
	$M_{(8x6)}(8x5)$		8x12
	$M_{(8x8)}(8x4)$		8x12
	M_(8x4) x 3		8x12

<Example of using application of Multicut layout method 1>

This is an example using Windows Explorer

Step 1. Select 2 or more images Click "Print".

🔾 🔾 – 🝌 🕨 image		 4₇ Search image
Organize 👻 🔚 Previe	ew Share with 🔻 Slide show	Print New folder 📑 👻 🗍 🌘
Favorites Desktop Downloads Recent Places	521003.JPG JPEG image 4.07 MB 521038.JPG JPEG image 7.05 MB	
 Libraries Documents Music Pictures Videos 	221070.JPG JPEG image 2.79 MB	Select 2 or more images
2 items se	elected Date taken: Specify date taken Tags: Add a tag	Rating: ಬಿ ಬಿ ಬಿ ಬಿ ಬಿ

Step 2. Check "Fit picture to frame" and click "Options".

How do you want to	print your pictur	es?		
Printeg	Paper size:	Quality:	Paper type:	
MITSUBISHI CP3800DW	• (8x10)	▼ 300 x 300dpi	 Plain Paper 	•
	lof2pages (•		Full page photo

Step 3. Click on "Printer Properties".

Print Settings	×
 Sharpen for printing Only show options that are compating Certain combinations of paper type, not print well or be available with all only those that are compatible will g 	paper size, and print quality may printers. Limiting your options to
Color Management Printer Properties	<u>QK</u> <u>Cancel</u>

Step 4. From the "Orientation" pull-down menu, select "Portrait".

Page Order: Front to Back		•		
Page Format			=	
Pages per Sheet	1 .			
Draw Borders				
			_	
				Advanced

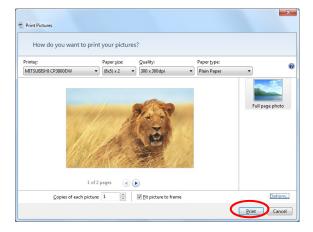
Step 5. Click on "Advanced".

Page Order: Front to Back Page Format Pages per Sheet 1 Draw Borders	
Pages per Sheet 1 -	
Draw Borders	
=	
Adya	Advanced.
	_

Step 6. Set the Paper Size to "(8x5)x2". Then click "OK" on the windows from steps 6 5, returning to the window displayed in Step 2.

MITSUBISHI CP3800DW Ad	Ivanced Options		×
MITSUBISHI CP3800 Paper/Output Paper Size Copy Count Print Quality Office Index Size ICM Met ICM Inte Advanced P Pages per Si Office Parts Partse per Si Office Parts Partse Parts Office P	DW Advanced Do (8x5) x 2 (8x40) (8x42) (8x4) (8x4) x 2 (8x4) x 3 (8x5) x 2 (8x5) x 2 (8x5) x (8x5) (8x5) x (8x5) (8x5) x (8x6) (8x6) x (8x6) (8x6) x (8x6) x (8x6)	by Host System abled hen Down	
Border [(8x6)_(8x4) (8x6)_(8x5) (8x8) (8x8)_(8x4) (8x4)_(8x4)_x2 M_(8x4)_x3 M_(8x5)_x2 M_(8x5)_x2 M_(8x5)_(8x4) M_(8x6)_(8x4) M_(8x6)_(8x4)	OK	Cancel

Step 7. Click on "Print".



2.2.3 Paper/Quality

Layout	Option Color Adjustment	
	Black & White	
		Ad <u>v</u> anced
		Cancel

Fig 2.2.3 Paper/Quality tab

Color Please set to color print. Do not use for black and white printing.

2.2.4 Option

MITSUBISHI CP3800DW Document Properties	MITSUBISHI CP3800DW Document Properties
Layout Paper/Quality Option Color Adjustment	Layout Paper/Quality Option Color Adjustment
Border	Border
Sharpness(<u>H</u>): 0 (Default) 👻	Sharpness(H): 0 (Default)
Color Adjustment	Color Adjustm -2 (Blur More) -1 (Blur)
💿 None (N) 💿 Handled by Driver (J) 💿 ICM (I)	○ None N U U Etault +1 (Soft)
O ICM & Driver (M)	+2 ◎ ICM & Dri +3 +4 [Normal]
	+5 +6
About (B)	About (B) +7 +8 (Hard)
OK Cancel	OK Cancel
Fig 2.2.4.1 Paper option tab	Fig 2.2.4.2 Sharpness setting

Border

Designates yes or no for border (check means with border). Synchronous with border in the Advanced Settings. **Sharpness**

Processes for 11 sharpness levels (Fig 2.2.4.2). 0(Initial setting) means there is no sharpness processing. Minus(-) blurs the image, and plus(+) increases the sharpness.

Color Adjustment

None

Synchronous with the ICM Method in the Advanced Settings. Checking this item disables ICM and the Color Adjustment tab, and color management does not occur from the driver.

Handled by Driver

Checking this item disables ICM and <u>2.2.5 Color Adjustment</u> is enabled. The adjustment values for gamma, brightness, contrast, and chroma are shown.

ICM

Synchronous with the ICM Method in the Advanced Settings (ICM Handled by Host System). Checking this item enables color management from the driver.

ICM & Driver

If you check this, ICM (color management) and color adjustment will be enabled.

About

Displays the driver version.

2.2.5 Color Adjustment

If you check Handled by Driver in <u>2.2.4 Option</u>, the respective color adjustment values in the Color Adjustment tab are reflected in the image.

MITSUBISHI CP3800DW I	Document Properties	×
Layout Paper/Quality Opti	on Color Adjustment	
Sample Picture		
	The second second	
19.31	JAN AND	1452
A BAR	10	1 A A A
Gamma	Brightness	Contrast
B 0 😫	R 🕕 0 🖨	R 0 🖨
G THE OF	G 0 🐳	G 0 🐳
B 0 🖨	B D A	B 0 ÷
Sync 📝	💟 Sync	📝 Sync
Chroma		Default(D)
	0	Load(L)
		Save(<u>S)</u>
		OK Cancel

Fig 2.2.5 Color Adjustment tab

Setting ranges in the Color Adjustment tab are as follows:

Adjustment Item	Adjustment Value
Gamma	$-100(dark) \sim 100(light)$ (0 means no adjustment, Gamma 2.0 ~ 0.5) Adjusts the density of the highlights in the image. The greater the gamma value, the brighter the
	highlights.
	Synchronous check box
	ON : Sets RGB at the same value
	OFF:Sets RGB at a different value
Brightness	-100(dark) ~ 100(light) (0 means no adjustment)
	Adjusts the brightness of the image. The larger the value, the greater the overall brightness of the image.
	Synchronous check box
	ON :Sets RGB at the same value
	OFF:Sets RGB at a different value
Contrast	-100(weak) ~ 100(strong) (0 means no adjustment)
	Adjusts the contrast of the image. The larger the value, the greater the contrast.
	Synchronous check box
	ON : Sets RGB at the same value
	OFF: Sets RGB at a different value
Chroma	-100(weak) ~ 100(strong) (0 means no adjustment)
	Adjusts the color saturation of the image.

2.3 Default Values for Various Settings

Default values for each option (at the time of installation) are shown below. If the printer driver does not work correctly after changing the options, please return the options to the default settings.

Note) According to the Service Pack and use environment of OS, the default value at the time of installation may differ from the following chart.

Tab		Options		Default		
	Orientation	entation Portra		Portrait		
Layout	Page Order		Front to Back			
	Pages Per Sheet			1		
Paper/Quality	Color			Color		
	Border			Disable		
Option	Sharpness			0 (Default)		
	Color Adjustme	nt		ICM		
	Gamma			0		
Color	Brightness			0		
Adjustment	Contrast			rast		0
	Chroma					
	Paper/Output	Paper Size		(8x10)		
	Paper/Output	Copy Count		1		
		Print Quality		300 x 300dpi		
Advanced	Graphic	Image Color	ICM Method	ICM Handled by Host System		
(Click [Advanced]		Management	ICM Intent	Pictures		
button of Layout tab)		Advanced Printing Fe	eatures	Enable		
		Pages per Sheet Layout		Right then Down		
	Document		Border	Disable		
	Option	Printer Features	Overcoat Finsh	Glossy		
			Print Re-try	Disable		

Chart 2.3	Print Setting	Default Values
		Deluait Valueo

2.4 Color Management

In [Color Management], this designates the color profile. Default at installation associates [CP38_xxxx]. xxxx is a 4-digit number that refers to the version.

Step 1. Select "Color Management" tab in "Printer Properties", and click on "Color Management" button.

Step 2. Choose printer: MITSUBISHI CP3800DW from a device.

tton.	Color Management	x
MITSUBISHI CP3800DW Properties	Devices All Profiles Advanced	
General Sharing Ports Advanced Color Management Security Device Settings To adjust color management settings, click Color Management. Color Management	Use my set	SUBISHI CP3800DW • Attings for this device Identify monitors Recommended) • File name
	CP38_0100	CP38_0100.icm
	Add <u>R</u> emove	Set as Default Profile
OK Cancel Apply		Close

Fig 2.4 Color Management

2.5 Print Area

		<u>.</u>				
Model	Paper	Size	Print Area	300x300 DPI	300x600 DPI	600x600 DPI
Woder	Гареі	(inch)	(mm)	Dot amount	Dot amount	Dot amount *
	(8x4)	8"x 4"	207.3 x 104.6	2448 x 1236	2448 x 2472	4896 x 2472
	(8x5)	8"x 5"	207.3 x 130.0	2448 x 1536	2448 x 3072	4896 x 3072
	(8x6)	8"x 6"	207.3 x 155.4	2448 x 1836	2448 x 3672	4896 x 3672
CP3800DW	(8x8)	8"x 8"	207.3 x 206.0	2448 x 2436	2448 x 4872	4896 x 4872
	(8x10)	8"x 10"	207.3 x 257.0	2448 x 3036	2448 x 6072	4896 x 6072
	A4 Length	8"x 11.7"	207.3 x 297.0	2448 x 3544	2448 x 7088	4896 x 7088
	(8x12)	8"x 12"	207.3 x 307.8	2448 x 3636	2448 x 7272	4896 x 7272

Depending on the paper size designated at the driver, the image size and dot count will be as follows.

<Print area of the multiple layout method 2> The size after multiple image layout.

Model	Paper setting	Print Area (mm)	300x300 DPI Dot amount	300x600 DPI Dot amount	600x600 DPI Dot amount *
	M_(8x4) x 2	207.3 x 211.8	2448 x 2502	2448 x 5004	4896 x 5004
	M_(8x5) x 2	207.3 x 262.6	2448 x 3102	2448 x 6204	4896 x 6204
	M_(8x6) x 2	207.3 x 313.4	2448 x 3702	2448 x 7404	4896 x 7404
CP3800DW	$M_{(8x5)}(8x4)$	207.3 x 237.2	2448 x 2802	2448 x 5604	4896 x 5604
CP3600DW	$M_{(8x6)}(8x4)$	207.3 x 262.6	2448 x 3102	2448 x 6204	4896 x 6204
	$M_{(8x6)}(8x5)$	207.3 x 288.0	2448 x 3402	2448 x 6804	4896 x 6804
	$M_{(8x8)}(8x4)$	207.3 x 313.4	2448 x 3702	2448 x 7404	4896 x 7404
	M_(8x4) x 3	207.3 x 319.0	2448 x 3768	2448 x 7536	4896 x 7536

*The horizontal line resolution of this printer is 300 DPI, so if 600x600 DPI is designated, the driver will reduce the image width from 4896 dots to 2448 dots and send this to the printer.

	Width [pixel]		Image height [pixel]			
Paper setting	Х	Y1	Y2	Y3	M (Margin)	
M (8x4) x 2	2448	1236	1236		30	
	4896	2472	2472		60	
M (8x5) x 2	2448	1536	1536		30	
_ /	4896	3072	3072		60	
M (8x6) x 2	2448	1836	1836		30	
_ /	4896	3672	3672		60	
M_(8x5) _ (8x4)	2448	1536	1236		30	
	4896	3072	2472		60	
M_(8x6) _ (8x4)	2448	1836	1236		30	
	4896	3672	2472		60	
M_(8x6) _ (8x5)	2448	1836	1536		30	
	4896	3672	3072		60	
M_(8x8) _ (8x4)	2448	2436	1236		30	
	4896	4872	2472		60	
M_(8x4) x 3	2448	1236	1236	1236	30	
<u> </u>	4896	2472	2472	2472	60	

Multi-image layout position information (multi-cut paper sizes with the prefix "M_") Refer to the layout diagram (Fig.2.5.1, Fig.2.5.2)

> Upper value = 300DPI Lower value = 600DPI

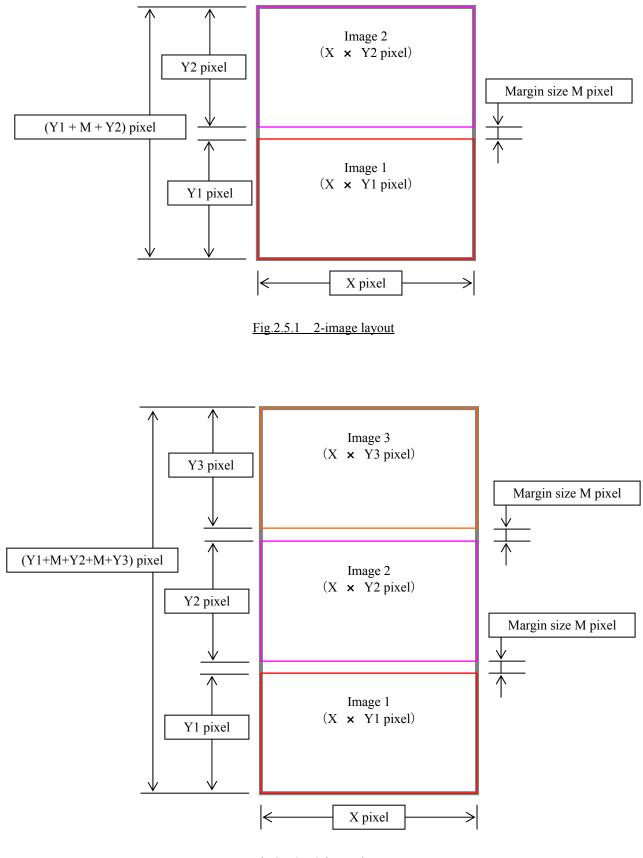


Fig.2.5.2 3-image layout

Chapter 3 Updating the Driver

In order to update the printer driver, follow the steps shown below.

1. Driver Removal

(1) Before removing the printer-driver, shut down all other applications. Also, in the "Devices and Printers" window, select the printer icon of the printer you want to remove, check the bottom of the window that there are no documents in queue, and start removal of the driver.

Note: In Windows 8, CP3800DW icon does not appear if the printer is offline (if the printer with the power on is not connected). If you can not connect to the printer with the power on, remove the device in the procedure on the next page.

Control Panel + Hardware and Sound + Devices and Printers	Search Devices and Printers
Add a device Add a printer See what's printing Print server properties Remove device	E • 🔞
▷ Devices (4)	
 Printers and Faxes (3) Fax Microsoft XPS Document Writer 	
MITSUBISHI CP3800DW State: O Default Model: MITSUBISHI CP3800DW Category: Printer	

Fig 3.1 "Devices and Printers" window with the CP3800DW icon clicked

(2) Select "Start"-"Control Panel", and click on "View devices and printers" in the control panel.

In Windows 8, right click on the Start screen, select the right-under "All apps", select "Control Panel", click on "View devices and printers" in the Control Panel.

From the "Devices and Printers" window, select the CP3800DW printer, display the pull-down menu with the right click, and click on "Remove device".

Control Panel > Hardware and S	ound Devices and Printers	- 4 ₇	Search Devices and Printers	 م
Add a device Add a printer See what's printer	nting Print server properties	Remove device	- 	• 0
 Devices (4) Printers and Faxes (3) Fax Microsoft XPS Document Writer 	SISHI See what's printing Set as default printer Printing preferences Printer properties Create shortcut Troubleshoot			
MITSUBISHI CP3800DW Sta Model Category	Remove device Properties	ogument(s) in queue		

Fig 3.2 Devices and Printers window; CP3800DW right-clicked menu

In Windows 8, CP3800DW icon does not appear if the printer is offline (if the printer with the power on is not connected). If you can not connect to the printer with the power on, remove the device in the following procedure.

(i) Right click an empty area of the "Devices and Printers" window, select the "Device Manager".

۲	Device Manager	
	Add devices and printers	
	Paste shortcut	
	Paste	
	Refresh	
	Group by	•
	Sort by	•
	View	•

Fig 3.2.i Devices and Printers window; An empty area of the screen right clicked menu

(ii) Click on the check "Show hidden devices" in the menu "View".



(iii) Right click on the "CP3800DW" of "Printers", select "Uninstall".

4	Device Manager 🛛 🗖	×
File	Action View Help	
) 🖬 🖾 🛛 🖬 💐 🞼 🔖	
4	🖶 Printers	^
	MITSUBISHI CP3800DW	
⊳	Proc Update Driver Software	
Þ	P Secu Uninstall	
	0.00	

Fig 3.2.iii Devices Manager window; Printers - CP3800DW right clicked menu

(iv) When the "Confirm Device Uninstall" window appears, click on "OK".

Confirm Device Uninstall		
MITSUBISHI CP3800DW		
Warning: You are about to uninstall this device from your system.		
Delete the driver software for this device.		
OK Cancel		

Fig 3.2.iv Confirm Device Uninstall window

(3) When "Are you sure you want to remove this device?" appears, click on "Yes".

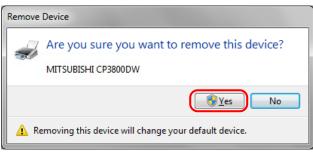


Fig 3.3 Remove device confirmation window

(4) After the CP3800DW printer has been removed, select another printer (for example: Fax), and click on "Print server properties" in the menu bar.

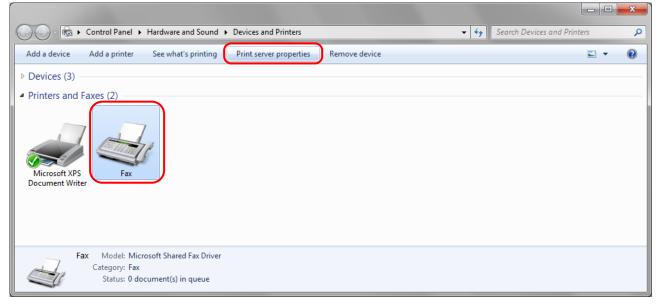


Fig 3.4 "Devices and Printers" window, showing the "Print server properties" menu

(5) When the Print Server Properties window appears, click on the Drivers tab. From the list of installed printer drivers, select "MITSUBISHI CP3800DW", and click the "Remove" button.

🖶 Print Server Properties			x
Forms Ports Drivers Security	Advanced		
Installed <u>p</u> rinter drivers:	Processor	Туре	
Microsoft XPS Document		Type 3 - User Mode	
MICrosoft XPS Document MITSUBISHI CP3800DW		Type 3 - User Mode	
WITSOBISHI CPSOUDW	x	Type 5 - Oser Mode	
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties	
😯 Change Driver Setting	s		
	ОК	Cancel	pply

Fig 3.5 Print Server Properties window

(6) When the Remove Driver and Package window appears, select "Remove driver only", and click on the "OK" button. Removal of the driver package takes place in the next section "2. Uninstalling a Driver Package".



Fig 3.6 Remove Driver and Package window

(7) When the Print Server Properties confirmation window appears, click on the "Yes" button.

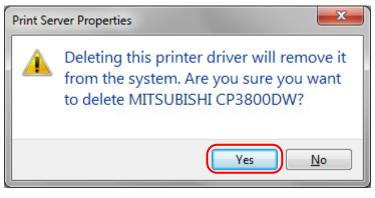


Fig 3.7 Print Server Properties confirmation window

(8) Using the Print Server Properties window, confirm that "MITSUBISHI CP3800DW" has been removed, and click on the "Close" button.

After removing the printer driver, uninstall the driver package.

🖶 Print Server Properties			×
Forms Ports Drivers Securit	y Advanced		
Installed printer drivers:			
Name	Processor	Туре	
Microsoft XPS Document	х	Type 3 - User Mode	
	Dever	Derection	
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties	
🕞 Change Driver Setting	JS		
	Close	Cancel	Apply

Fig 3.8 Print Server Properties window

2. Uninstalling a Driver Package

(1) Select "Start", then "Control Panel", and open the control panel. Click on "Uninstall a program" in the control panel. In Windows 8, right click on the Start screen, select the right-under "All apps", select "Control Panel", click on "Uninstall a program" in the Control Panel.

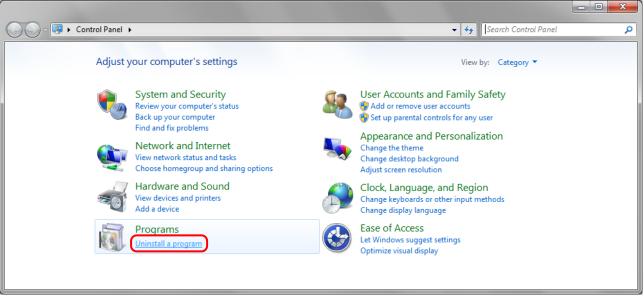


Fig 3.9 Control Panel

(2) When the "Uninstall or change a program" window appears, double-click on "Windows Driver Package – MITSUBISHI ELECTRIC CP3800DW (mm/dd/yyyy x.x.x.x)" (mm/dd/yyyy = the date, x.x.x.x = the version).

Fig 3.10 Uninstall a program

(3) When the "Uninstall Driver Package" window appears, click on "Yes". The Uninstall will be completed.

After finished with uninstalling the driver package, reboot the computer.

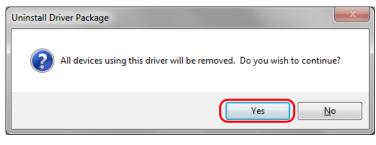


Fig 3.11 Uninstall confirmation window

3. Installing the printer-driver upgrade

After removing the printer and printer-driver, install the new printer-driver. For installation steps, please refer to Chapter 1 "Install".

4. Rebooting the computer

After installation of the printer-driver is complete, be sure to reboot the computer. (Do not print immediately after installation. First reboot the computer.)

Chapter 4 Driver Removal

For steps to remove the printer driver, refer to Chapter 3 "1. Driver Removal" and "2. Uninstalling a Driver Package".