

# **Printer Driver for Ubuntu® Linux®**

You can print from any application by using CUPS (Common Unix Printing System), which is the printing system for Linux.

## **<Hardware requirements>**

To use this software, the following hardware is required.

OS: Ubuntu® 10 / 11 / 12 / 13 / 14 / 15 / 16

Language: English / German / French / Italian / Spanish / Russian / Polish / Portuguese / Czech / Simplified Chinese / Traditional Chinese / Brazilian Portuguese / Japanese

Device: Panasonic Multi-Function Printer KX-MC6000 / DP-MC210 / KX-MB3000 / DP-MB300 / KX-MB2000 / KX-MB2060 / KX-MB1500 / KX-MB2200 / KX-MB2500 / DP-MB250 / DP-MB310 / KX-MB2090 / KX-MB1600 / KX-MB2100 / KX-MB2571 / DP-MB251 / DP-MB311 / DP-MB500 series

Connection I/F: USB or LAN interface

## **<File download>**

mccgdi-2.0.10-i686.tar.gz (for 32bit)

mccgdi-2.0.10-x86\_64.tar.gz (for 64bit)

The following is explained using Ubuntu 11 (32bit) and KX-MC6020 as examples.

\* When you add printer driver on Linux, execute <Setting up the printer driver>.

\* When you update printer driver on Linux, execute <Uninstalling the printer driver> and <Setting up the printer driver> again.

## **<Installing the printer driver>**

1) Select the downloaded file "mccgdi-2.0.10-i686.tar.gz", uncompress it by selecting "Extract Here" in the right button menu.

2) Open the Terminal application. ("Dash home" -> "Application" -> "Installed" -> "Terminal" in the menu)

3) Move to the directory where the file is uncompressed.

e.g.) If you uncompress the file at the desktop.

```
$ cd /home/user_name*1/Desktop/mccgdi-2.0.10-i686
```

(\*1 user\_name: Follow the setting of the PC.)

4) Install the printer driver.

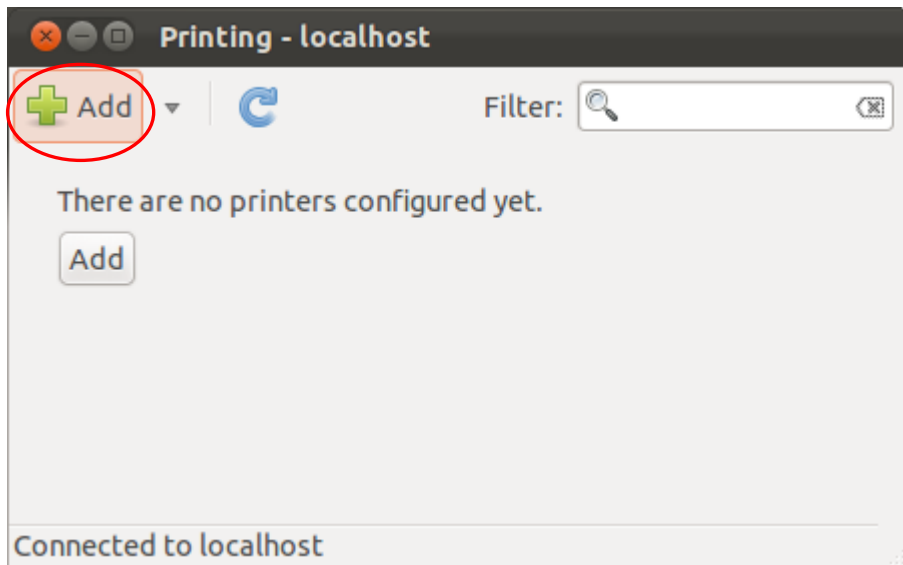
```
$ sudo ./install-driver
```

(Password may be needed.)

Close the Terminal application.

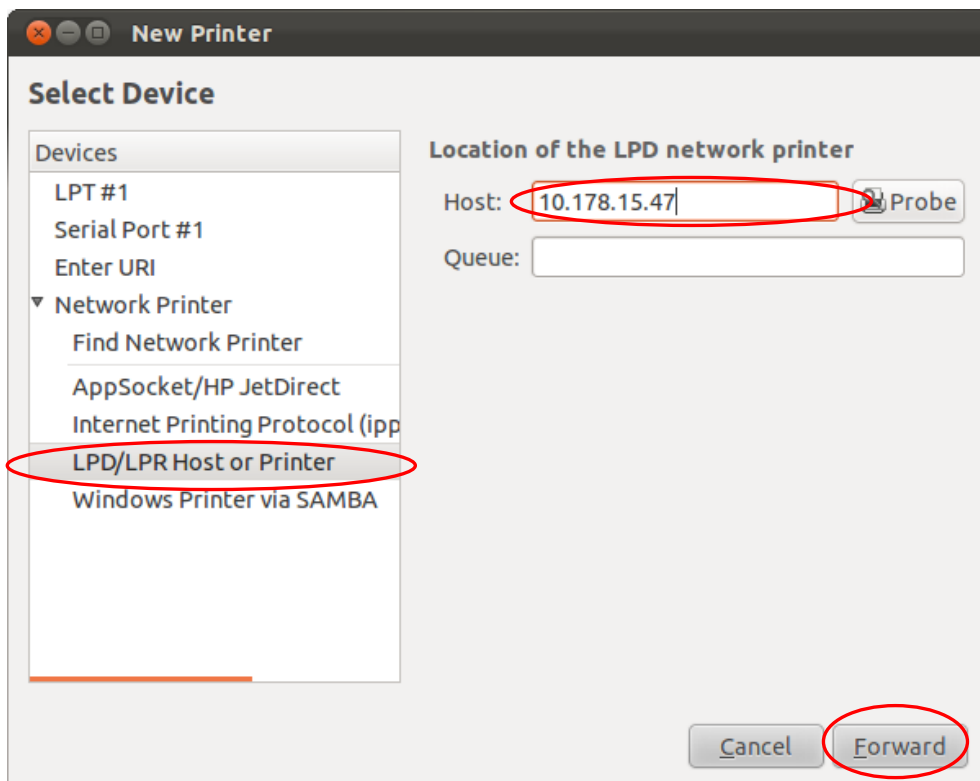
## <Setting up the printer driver>

- 1) Connect LAN or USB cable between the PC and KX-MC6020.
- 2) Open "Printing - localhost". ("System Settings" -> "Printing" in the menu)  
Click "Add" button.



### 3-a) [In the case of LAN connection]

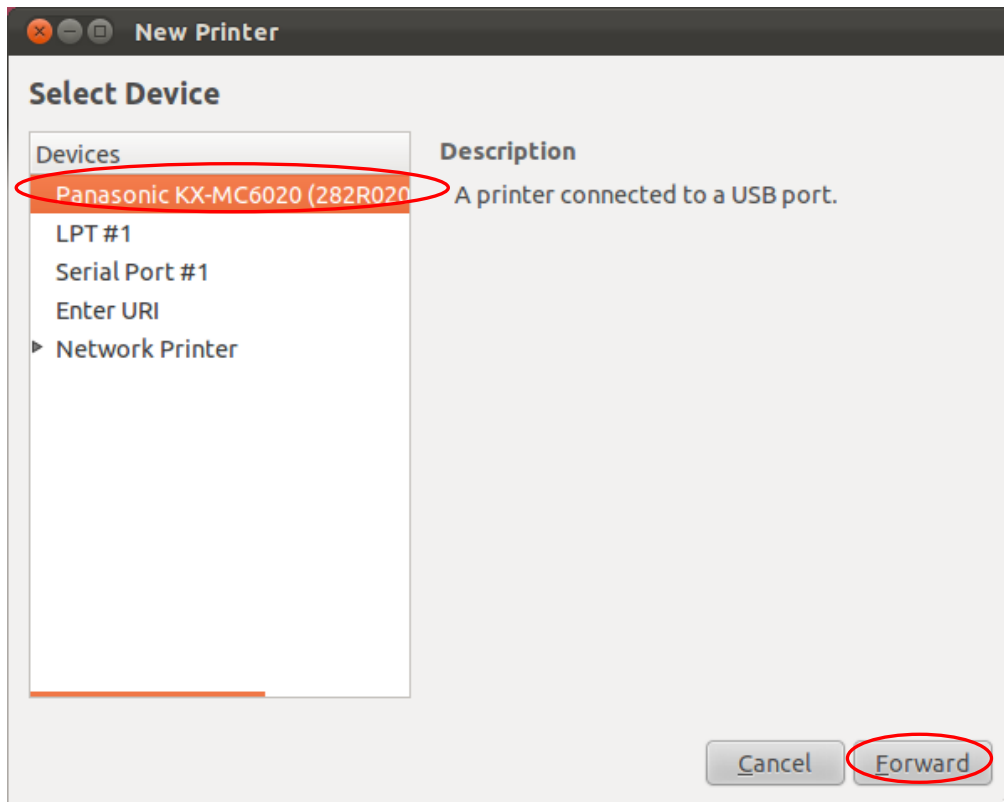
- Select "LPD/LPR Host or Printer" from "Select Device" list.  
Input the IP address of KX-MC6020 into "Host" box.  
Click "Forward" button.



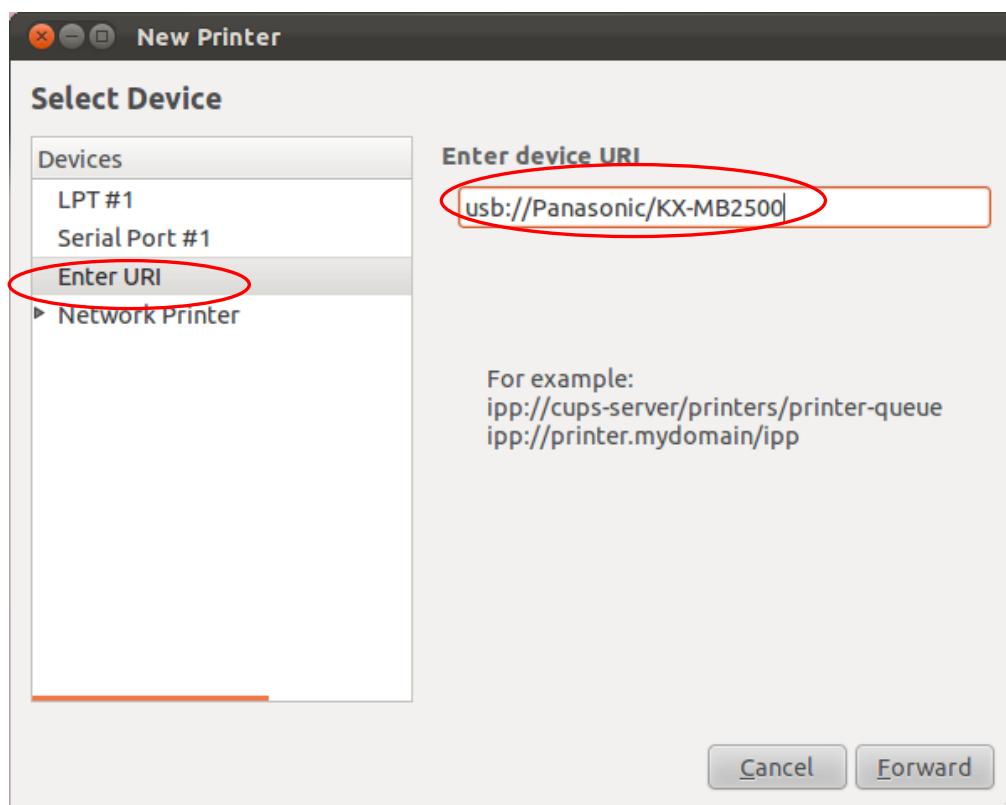
3-b) [In the case of USB connection]

Select "Panasonic KX-MC6020 (XXX)" from "Select Device" list.

Click "Forward" button.



- \* When installing the following models with the optional lower input tray, select “Enter URI” from “Select Device” list.  
And enter the device URI for each model.

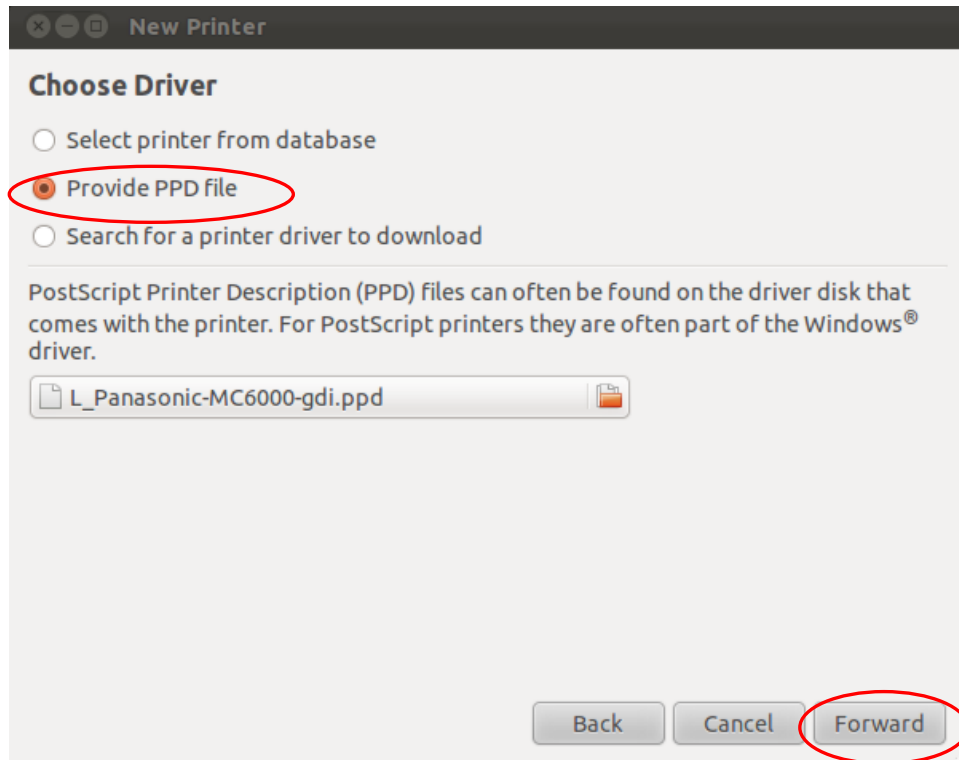


URI table

| Model                           | URI                         |
|---------------------------------|-----------------------------|
| KX-MB2510                       | usb://Panasonic/KX-MB2510   |
| KX-MB2515JT/EU                  | usb://Panasonic/KX-MB2515_B |
| KX-MB2515 (except JT/EU models) | usb://Panasonic/KX-MB2515   |
| KX-MB2538                       | usb://Panasonic/KX-MB2538   |
| KX-MB2540                       | usb://Panasonic/KX-MB2540   |
| KX-MB2545JT/EU                  | usb://Panasonic/KX-MB2545_B |
| KX-MB2545 (except JT/EU models) | usb://Panasonic/KX-MB2545   |
| KX-MB2575                       | usb://Panasonic/KX-MB2575_B |
| DP-MB250                        | usb://Panasonic/DP-MB250    |
| DP-MB310                        | usb://Panasonic/DP-MB310_B  |
| KX-MB2571                       | usb://Panasonic/KX-MB2571   |
| DP-MB251                        | usb://Panasonic/DP-MB251    |
| DP-MB311                        | usb://Panasonic/DP-MB311_B  |
| DP-MB545JT/EU                   | usb://Panasonic/DP-MB545_B  |
| DP-MB545 (except JT/EU models)  | usb://Panasonic/DP-MB545    |
| DP-MB539                        | usb://Panasonic/DP-MB539    |
| DP-MB537                        | usb://Panasonic/DP-MB537_B  |
| DP-MB536                        | usb://Panasonic/DP-MB536    |

- 4) Select "Provide PPD file" from "Choose Driver".  
Select the PPD file in the following directory for each model.  
Ubuntu 10:               "/usr/share/ppd/panasonic"  
After Ubuntu 10:       "/usr/share/cups/model/panasonic"  
\* If PPD files do not exist in it, search the following directories.  
"/usr/share/cups/model/panasonic"  
"/usr/local/share/cups/model/panasonic"  
"/usr/share/ppd/panasonic"  
"/usr/local/share/ppd/panasonic"

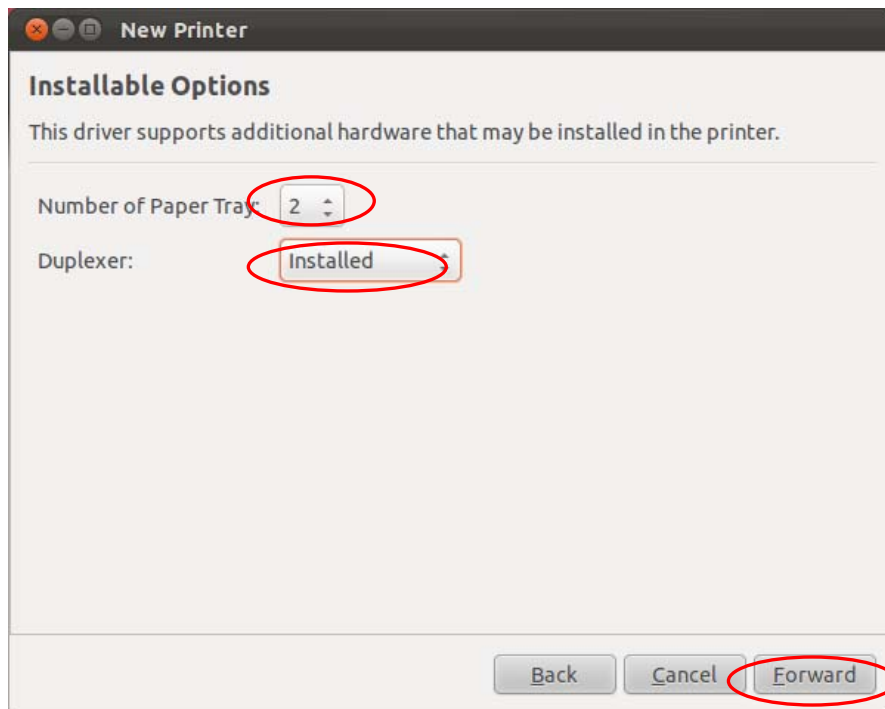
Click "Forward" button.



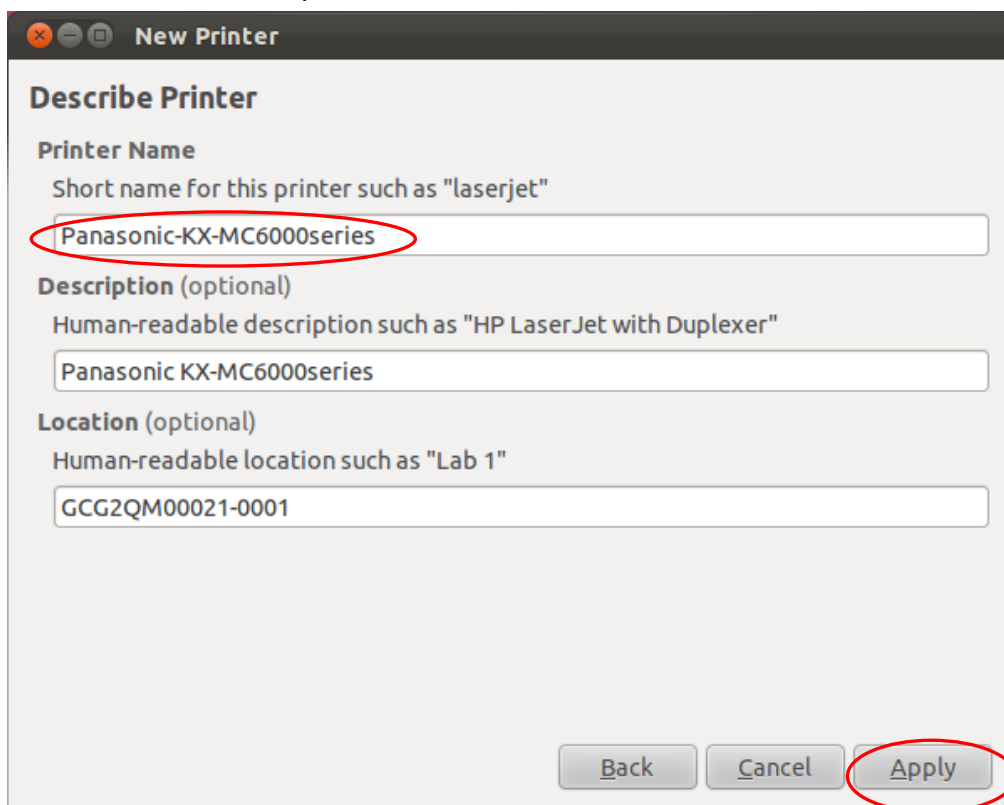
PPD file name table

| Model                       |                                                                                                               | PPD file                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------|
| Series                      | Name                                                                                                          |                              |
| KX-MC6000<br>DP-MC210       | KX-MC6008 / 6015 / 6020 / 6028 / 6040 / 6255 / 6260<br>DP-MC210                                               | L_Panasonic-MC6000-gdi.ppd   |
| KX-MB3000<br>DP-MB300       | KX-MB3010CX / 3020CX / 3150CX<br>DP-MB300-CX / 320-CX                                                         | L_Panasonic-MB3000T-gdi.ppd  |
|                             | KX-MB3010 / 3018 / 3020 / 3028 / 3030<br>DP-MB300 / 340 / 350<br>(except CX models)                           | L_Panasonic-MB3000-gdi.ppd   |
| KX-MB2000                   | KX-MB2001                                                                                                     | L_Panasonic-MB2001-gdi.ppd   |
| KX-MB2060                   | KX-MB1900 / 2000 / 2003 / 2008 / 2010 / 2020 / 2025 / 2030 / 2033 / 2038<br>KX-MB2051 / 2060 / 2061 / 2062    | L_Panasonic-MB2000-gdi.ppd   |
|                             | KX-MB2025JT/FR/FX/GR/G/PD<br>KX-MB2030JT/FR/FX/GR/G/PD<br>(Energy Star 2.0 supported models only)             | L_Panasonic-MB2030C-gdi.ppd  |
| KX-MB1500                   | KX-MB1510 / 1518 / 1536 / 1558                                                                                | L_Panasonic-MB1510-gdi.ppd   |
|                             | KX-MB1500 / 1508 / 1520 / 1528 / 1530 / 1538                                                                  | L_Panasonic-MB1500-gdi.ppd   |
| KX-MB2200                   | KX-MB2230JT/EU, MB2270JT/EU                                                                                   | L_Panasonic-MB2200_B-gdi.ppd |
|                             | KX-MB2230 / 2235 / 2238 / 2270 / 2275<br>(except JT/EU models)                                                | L_Panasonic-MB2200-gdi.ppd   |
| KX-MB2500<br>DP-MB250 / 310 | KX-MB2515JT/EU, MB2545JT/EU,<br>MB2575JT/EU<br>DP-MB310JT/EU                                                  | L_Panasonic-MB2500_B-gdi.ppd |
|                             | KX-MB2510 / 2515 / 2538 / 2540 / 2545<br>DP-MB250<br>(except JT/EU models)                                    | L_Panasonic-MB2500-gdi.ppd   |
| KX-MB2090                   | KX-MB2083 / 2085 / 2088 / 2090                                                                                | L_Panasonic-MB2090-gdi.ppd   |
| KX-MB1600                   | KX-MB1663 / 1665 / 1666 / 1667 / 1678 / 1679                                                                  | L_Panasonic-MB1600-gdi.ppd   |
| KX-MB2100                   | KX-MB2120EU/JT/G/HX, MB2130EU/JT/G/HX,<br>MB2170EU/JT/G/HX                                                    | L_Panasonic-MB2100_B-gdi.ppd |
|                             | KX-MB2110 / 2117 / 2120 / 2128 / 2130 / 2137 / 2138 / 2168 / 2170 / 2177 / 2178<br>(except EU/JT/G/HX models) | L_Panasonic-MB2100-gdi.ppd   |
| KX-MB2571<br>DP-MB251 / 311 | KX-MB2571                                                                                                     | L_Panasonic-MB251-gdi.ppd    |
|                             | DP-MB251                                                                                                      | L_Panasonic-MB311_B-gdi.ppd  |
| DP-MB500                    | DP-MB311                                                                                                      | L_Panasonic-MB311_B-gdi.ppd  |
|                             | DP-MB545JT/EU                                                                                                 | L_Panasonic-MB545_B-gdi.ppd  |
|                             | DP-MB539 / 545 (except JT/EU models)                                                                          | L_Panasonic-MB545-gdi.ppd    |
|                             | DP-MB537                                                                                                      | L_Panasonic-MB537_B-gdi.ppd  |
|                             | DP-MB536                                                                                                      | L_Panasonic-MB536-gdi.ppd    |

- 5) Modify the printer options in “Installable Options”, if necessary.  
Select the input tray count in “Number of Paper Tray”. (If you have the optional lower input tray, this count is “2”.)  
Select the duplex unit information in “Duplexer”. (If you have the automatic duplex unit, this is “Installed”.)  
Click “Forward” button.

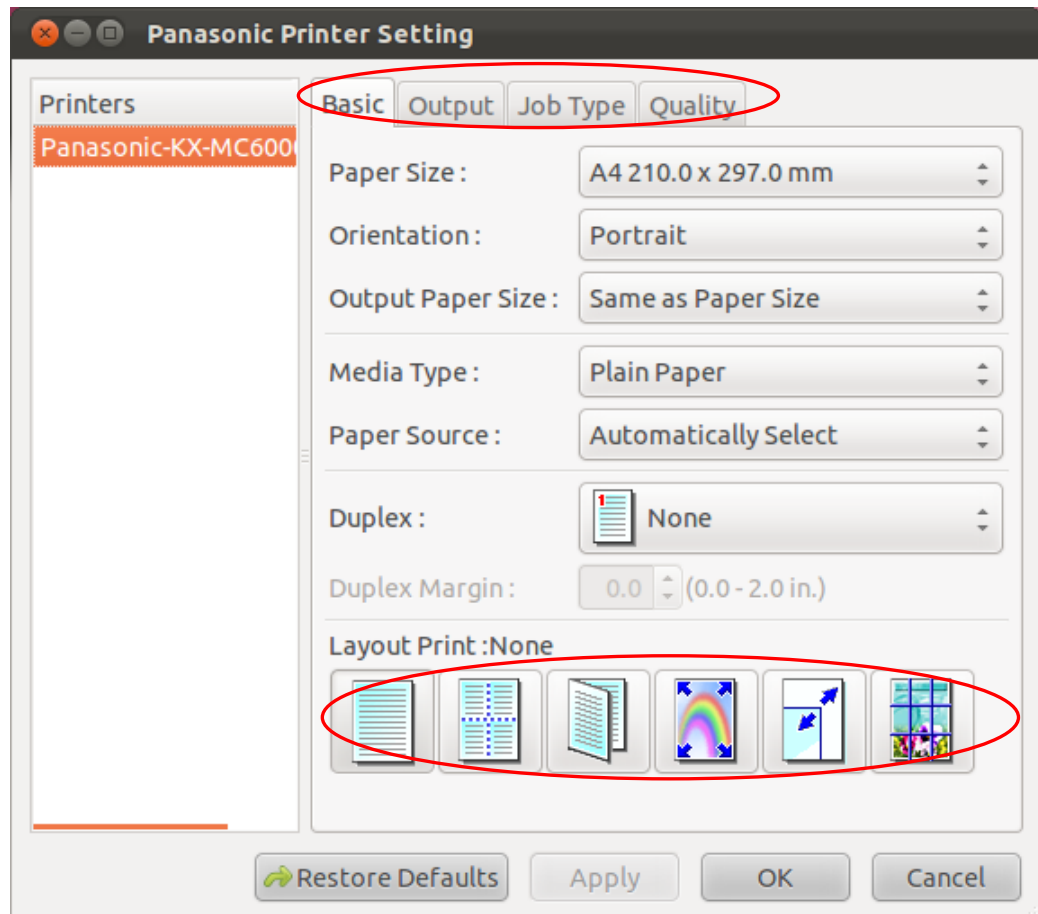


- 6) Modify the printer name in “Printer Name” box, if necessary.  
Click “Apply” button.  
The printer driver installation is completed.



## <Information for printing>

- 1) There are 2 types of printer settings: The setting in each application and "Panasonic Printer Setting". If these settings are different, the setting in the application has higher priority.  
"Panasonic Printer Setting" can be executed by "Dash home" -> "Application" -> "Installed" -> "Panasonic Printer Setting" in the menu.  
You can change the details of the printer settings from "Basic", "Output", "Job Type" and "Quality" tabs.  
In "Basic" tab, you can set additional printing layout by selecting from "Pages per Sheet", "Booklet", "Fit to Output", "Zoom" and "Poster" icons.

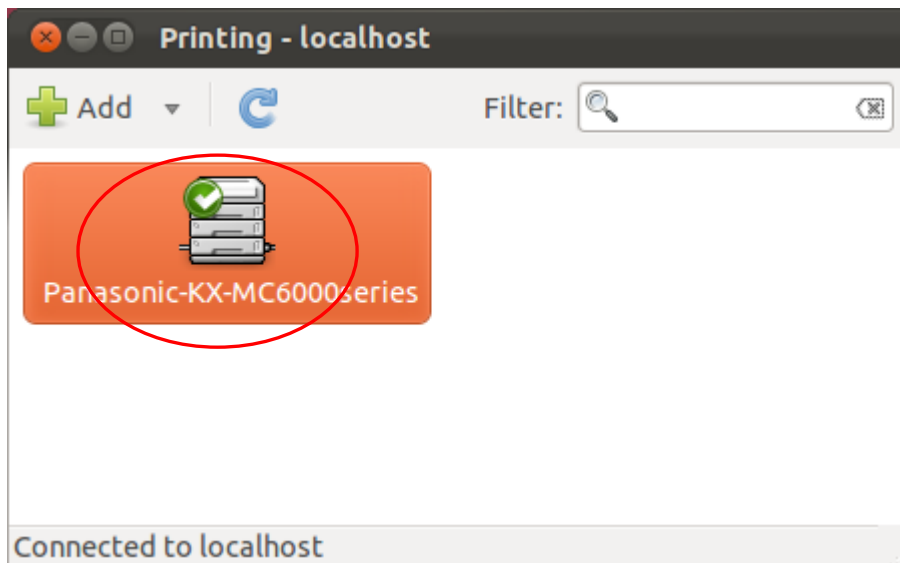


- 2) For the setting items not included in the applications, the items in "Panasonic Printer Setting" are used as default.
- 3) When you cannot print as the settings in the application, set the same items in "Panasonic Printer Setting"
- 4) When you add the optional lower input tray or the automatic duplex unit, open the Printer Setting in the OS's "Printing - localhost" ("System Settings" -> "Printing" in the menu) and change the items in "Installable Options" same as No.5 of the above in <Setting up the printer driver>.
- 5) The Printer Setting in the OS's "Printing - localhost" ("System Settings" -> "Printing" in the menu) is unavailable except in situation No.4 of the above.  
Instead, use "Panasonic Printer Setting".
- 6) Due to OS or printing system limitation, there are cases where you cannot print as the settings.



## <Uninstalling the printer driver>

- 1) Open the Terminal application. ("Dash home" -> "Application" -> "Installed" -> "Terminal" in the menu )
- 2) Uninstall the printer driver.  
Execute "uninstall-driver".  
\$ sudo /usr/local/share/panasonic/printer/uninstall-driver  
Close the Terminal application.
- 3) Open "Printing - localhost". ("System Settings" -> "Printing" in the menu)  
(Password may be needed.)  
Select "Panasonic-KX-MC6000series", and select "Delete" in the right button menu.  
Close "Printing - localhost".



\* When you delete one printer driver only, execute No.3 only of the above.

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