

## **Matica DCP2 MAC OS-X Driver**

(Function, Setting, Specifications)

For Ver. 1.0.1.0



**Matica Technologies**  
<http://www.maticacorp.com>

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**Revision history**

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- (5) If you do not agree to any of the above points, you are not authorised to use the driver.

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## **1. Operating systems**

The provided Matica DCP2 MAC OS-X driver is designed to work with the following operating systems.

Mac OS Version 10.9: "Mavericks"  
Mac OS Version 10.10: "Yosemite"  
Mac OS Version 10.11: "El Capitan"  
Mac OS Version 10.12: "Sierra"  
Mac OS Version 10.13: "High Sierra"  
Mac OS Version 10.14: "Mojave"  
Mac OS Version 10.15: "Catalina"  
Mac OS Version 11: "Big Sur"  
Mac OS Version 12: "Monterey"

## **2. Supported printers**

The Matica DCP2 MAC OS-X driver will support the following printer model(s).

MC110  
MC210  
MC310  
MC320  
S3110

## **3. Supported interfaces**

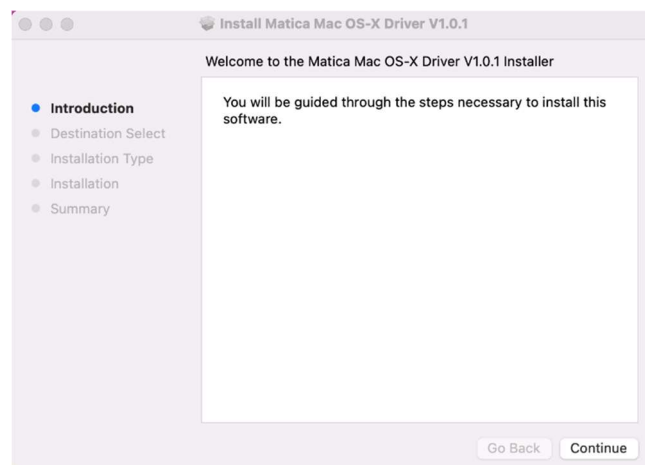
Supported interfaces are as follows.

USB  
LAN or Wireless LAN TCP/IP

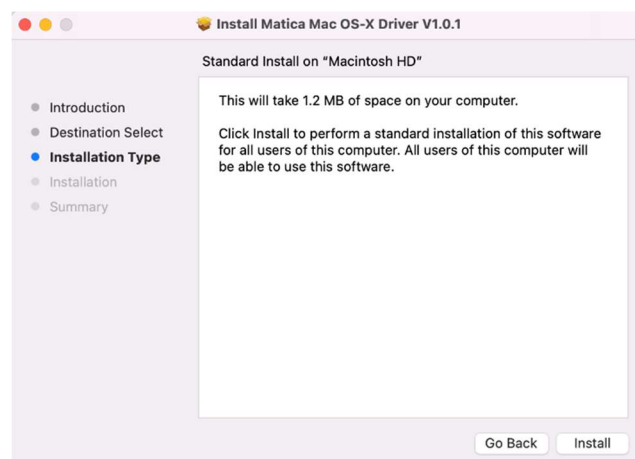
## 4. Installation

Installation of the driver requires execution of the provided pkg file which at time of writing is named "Matica Mac OS-X Driver-1.0.1.pkg".

Step 1:

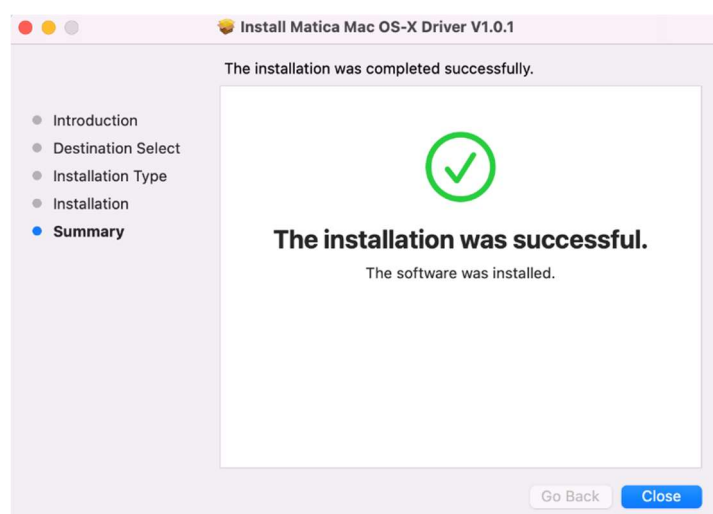


Step 2:



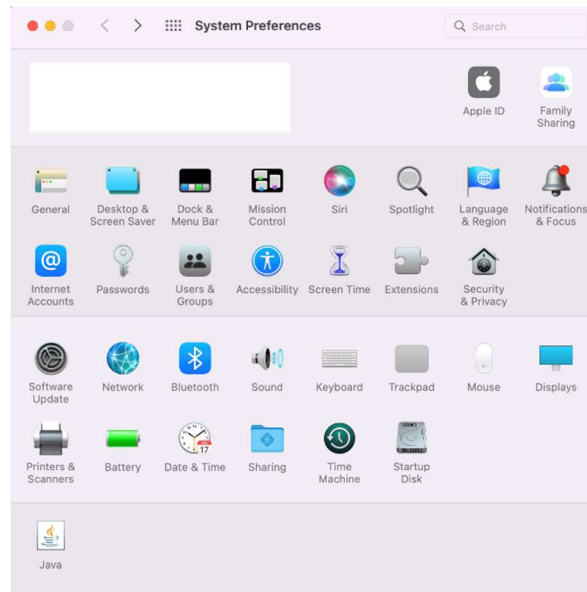
Select Install and enter the user credentials when prompted. The driver will then be installed.

Step 3:



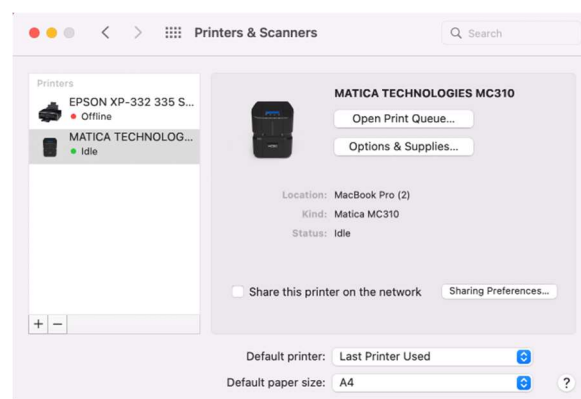
- Select Close to continue and connect the printer using a USB cable to the Macintosh.
- Switch on the Matica printer

Step 4:



Select 'System Preferences' and 'Printers & Scanners'.

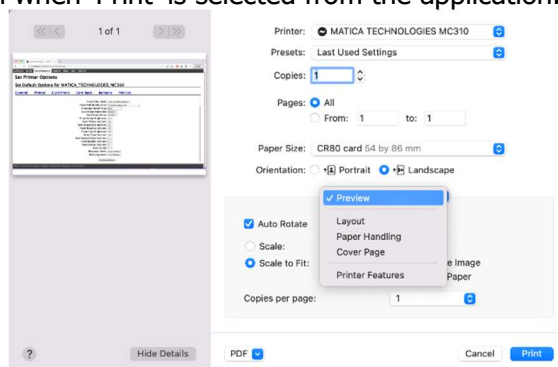
Step 5:



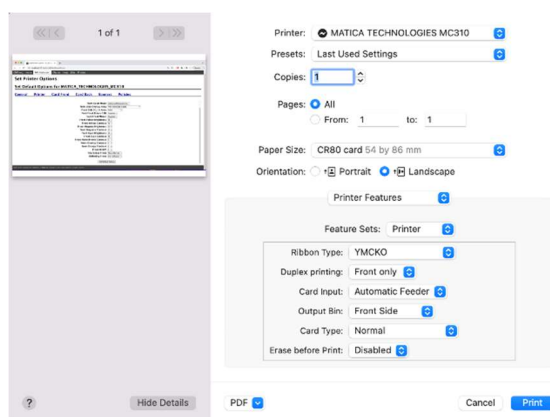
The Matica model should appear as an installed printer. IF it is not visible, please power off the printer and switch it on again.

## 5. Setting printer options from within applications

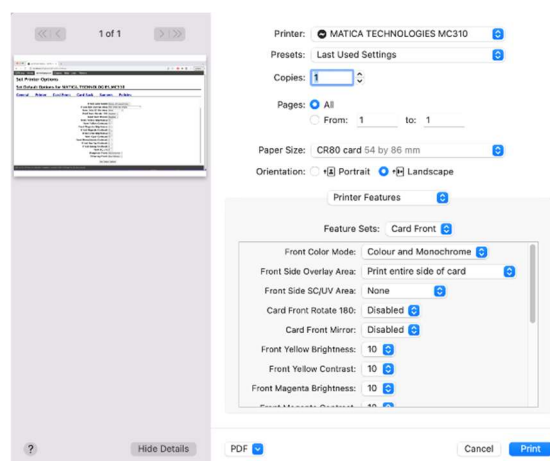
From within applications such as 'Preview', the available printing options for the print can be set using the following option when 'Print' is selected from the application.



Select 'Printer Features'.



Selection of 'Card Front' settings under 'Feature sets' provides the following configuration screen.



Settings made here are for the particular print job. There is a facility under 'Presets' to save these settings for use with the application.



## 6. Setting default printer options using the CUPS administrator

The CUPS Administrator allows default options and settings to be configured for printing from applications.

To access the CUPS Administration, from within a web browser such as Safari, enter the following URL:

`http://localhost:631`

You may be presented with an enablement prompt which requires that the feature be enabled by launching the 'Terminal' utility.

On opening the 'Terminal' utility enter

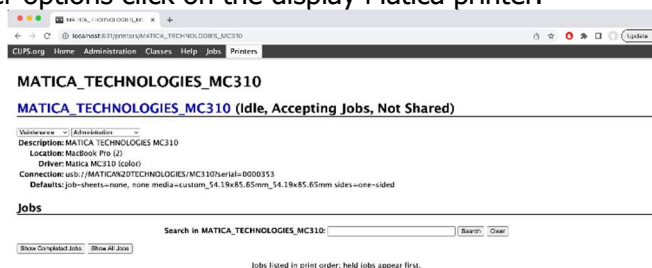
**Cupsctl WebInterface=yes**

Refreshing the web browser page will provide access to the CUPS administration page. Selecting the 'Printers' section will provide a list of available printers as follows:



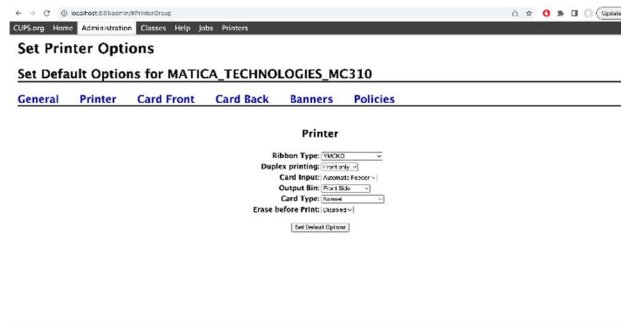
Printer Name	Description	Location	Make and Model	Status
EPSON_XP_332_335_Series	EPSON XP-332 335 Series		EPSON XP-332 335 Series-AirPrint	Idle
MATICA_TECHNOLOGIES_MC310	MATICA TECHNOLOGIES MC310	MacBook Pro (2)	Matica MC310	Idle

To alter default printer options click on the display Matica printer.

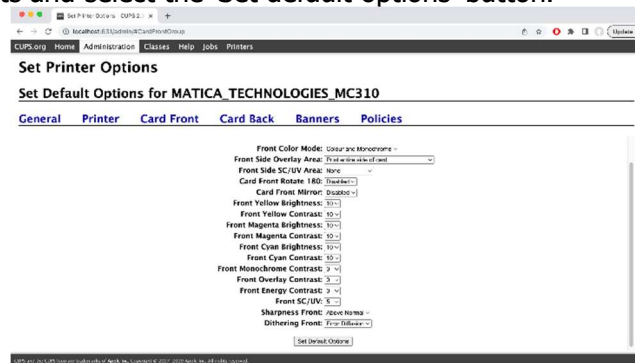


MATICA_TECHNOLOGIES_MC310	
MATICA_TECHNOLOGIES_MC310 (Idle, Accepting Jobs, Not Shared)	
Printer Name	MATICA_TECHNOLOGIES_MC310
Description	MATICA TECHNOLOGIES MC310
Location	MacBook Pro (2)
Driver	Matica MC310 (color)
Connection	usb://MATICA20TECHNOLOGIES/MC310?serial=0000353
Default	job-sheets=none, none media=custom_54.19x85.65mm_sides=one-sided
<b>Jobs</b>	
Search in MATICA_TECHNOLOGIES_MC310: [Search] [Clear]	
[Show Completed Jobs] [Show All Jobs]	
Jobs listed in print order; held jobs appear first.	

From the pull down menu select 'Set default options'



Set the desired defaults and select the 'Set default options' button.



NOTE: Default settings are used when applications are started so please note that applications that are not using the default settings may require a restart.

## 7. Setting the printer for network use

The CUPS Administrator allows the modification of the installed printer driver to print to a network configured printer.

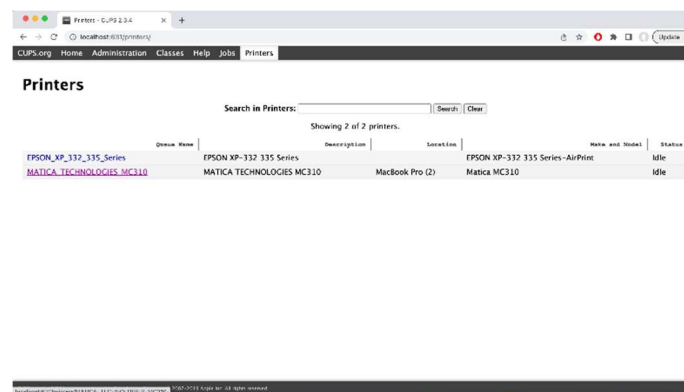
To obtain the required IP address of the printer on an installed network, from within a web browser enter the name of the printer followed by the serial number of the printer.

For example: <http://mc3100000353>

Printer information including the IP address should be displayed.

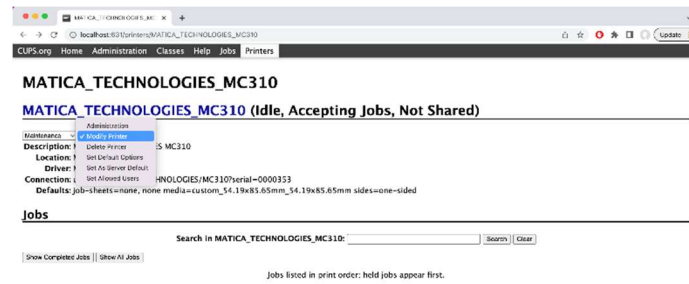
To configure the installed driver to use the IP address of the printer follow the following steps:

Step 1:



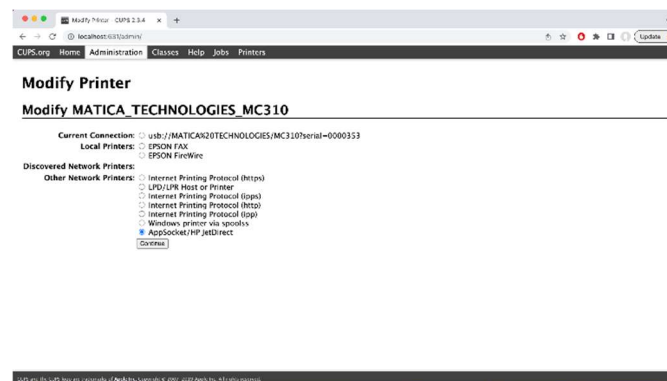
Proceed to the CUPS administration page e.g. localhost:631 and select the installed Matica printer.

Step 2:



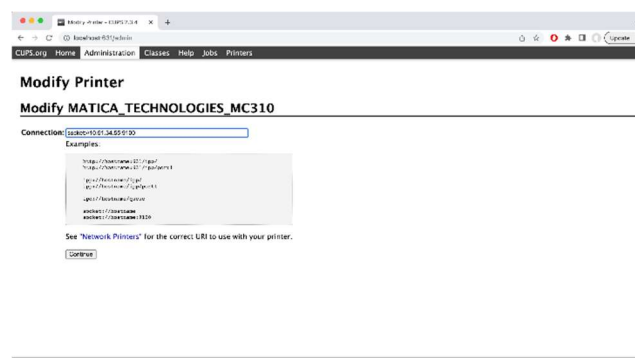
Select 'Modify printer' and the following screen will be displayed.

Step 3:



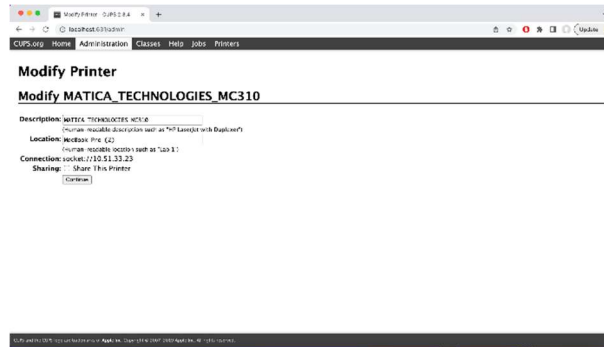
Modify the selection of usb to 'AppSocket/HP JetDirect'

Step 4:



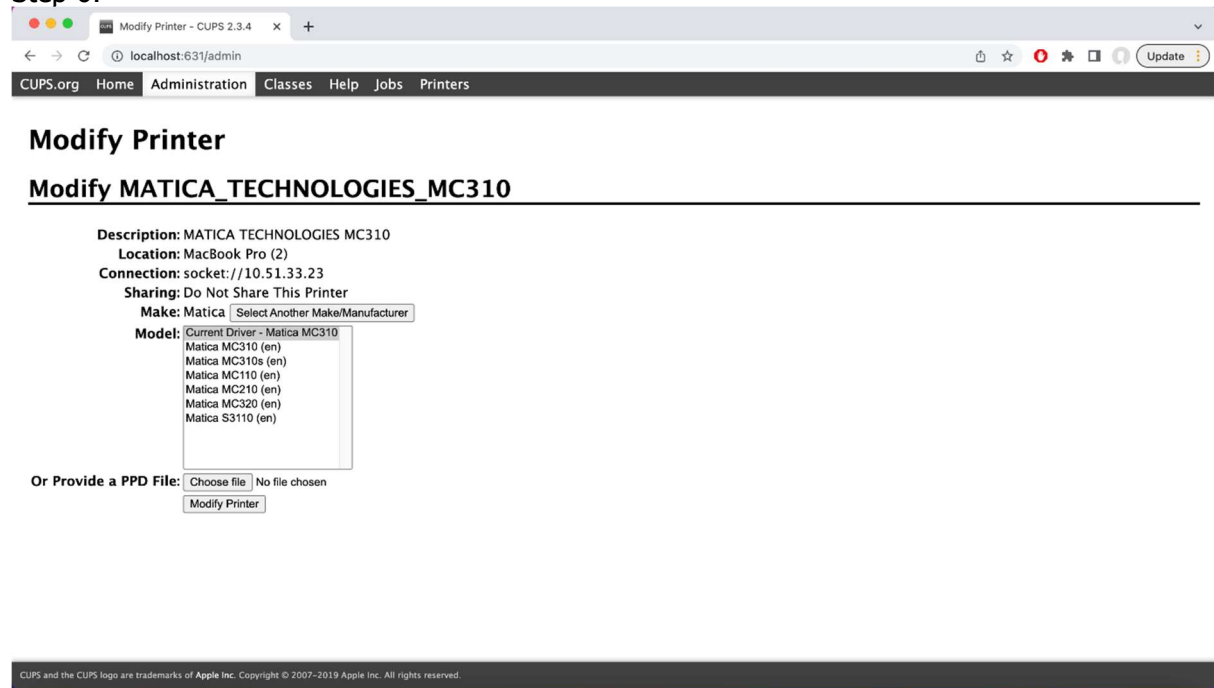
After the display connection string of 'socket' enter 'socket://<ipaddress>:9100' for example  
socket://10.51.34.55:9100  
Select 'Continue'

Step 5:



Select continue.

Step 6:



Select 'Modify Printer'. Do not change the Make or Model entries.

Upon completion of this, printing from applications will attempt to target the printer on the network.

If network printing is not successful, ensure the configure IP address is accessible by using the 'Terminal' utility and use the Ping command to ensure connection is working.

e.g. Ping 10.51.34.55

## 8. Mag encoding support

Support for Magnetic encoding is provided using the linux 'lpr' command.

From within a 'Terminal' prompt mag encoding data for tracks 1/2/3 can be set as follows:

```
lpr -P<PrinterName> -o"TRACK1_~1:<data>;" -o"TRACK2_~2:<data>;" -o"TRACK3_~3:<data>;"  
<filename>
```

so an example to print a file 'test.txt' with mag encoding would be:

```
lpr -PMATICA_TECHNOLOGIES_MC310 -o"TRACK1_~1:123123123;" -o"TRACK2_~2:23232323;" -  
o"TRACK3_~3:34343434;" test.txt
```

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