

# Set Up-Apple

## OS X

### Printer / Plotter

**Driver:** First of all, you need to install the printer driver or plotter driver, which is suitable for your device.

- Visit the website of the producer of your printer / plotter
- Select the driver suitable for your device
- Download the driver
- Install this driver (e.g. by double clicking on the downloaded .dmg file)

**Device:** Settings / Printer & Scanner

- Add (+ Symbol)
  - Once: Right mouse button on the tool bar: Adjust tool bar
  - Once: Drag and drop the favourite “extended” into the tool bar
- Extended
  - Type: Windows printer via spoolss
  - URL: smb://<name of printing server>/<printer name>
    - Name of Printing Server
      - els-ps1.hs-woe.de (for all printers in Elsfleth)
      - ol-ps1.hs-woe.de (for all printers in Oldenburg)
      - whv-ps1.hs-woe.de (for all printers in Wilhelmshaven)
    - Printer Names
      - Generally, you can find the printer name on the device, e.g. in the form ol-mr105-plotter or whv-se22-plotter1
    - Example-URL
      - smb://ol-ps1.hs-woe.de/ol-mr105-plotter1
      - smb://whv-ps1.hs-woe.de/whv-se22-plotter1
  - Name: Like the printer name
    - Example: ol-mr105-plotter
    - Example: whv-se22-plotter1
  - Location: <Location>, <Room>
    - Example: OL, MR105
    - Example: WHV, SE22
  - Use:
    - Select (printer) software: Select the already downloaded driver
    - Name: [Standard Login](#) (form: ma1150)
    - Save password in keychain

### Multifunctional Devices

**Driver:** First of all, you need to install two printer drivers for the multifunctional devices.

- Visit the [Utax Driver Website](#)
- Select the following drivers
  - Product group: Copy systems
  - Product name: 5505ci (for coloured prints)
  - Product name: 5555i (for B/W-prints)
  - Operation System: MAC
- Download both drivers
- Install those drivers (e.g. by double clicking the downloaded dmg. file)

### Device: Settings / Printers & Scanners

- Add (+ Symbol)
  - Once: Right mouse button on the tool bar: Adjust tool bar
  - Once: Drag and drop the favourite “extended” into the tool bar
- Extended
  - Type: Windows printer via spoolss
  - URL: smb://<name of printing server>/<printer name>
    - smb://els-pms1.hs-woe.de/els-pms-sw (for print jobs in Elsfleth in black/white)
    - smb://els-pms1.hs-woe.de/els-pms-color (for print jobs in Elsfleth in colour)
    - smb://ol-pms1.hs-woe.de/ol-pms-sw (for print jobs in Oldenburg in black/white)
    - smb://ol-pms1.hs-woe.de/ol-pms-color (for print jobs in Oldenburg in colour)
    - smb://whv-pms1.hs-woe.de/whv-pms-sw (for print jobs in Wilhelmshaven in black/white)
    - smb://whv-pms1.hs-woe.de/whv-pms-color (for print jobs in Wilhelmshaven in colour)
  - Name: Like the name of printing server
    - Example: els-pms-sw
    - Example: els-pms-color
    - Example: ol-pms-sw
    - Example: ol-pms-color
    - Example: whv-pms-sw
    - Example: whv-pms-color
  - Location: <Location>, <Room>
    - Example: ELS, multifunctional devices in b/w
    - Example: ELS, multifunctional devices in colour
    - Example: OL, multifunctional devices in b/w
    - Example: OL, multifunctional devices in colour
    - Example: WHV, multifunctional devices in b/w
    - Example: WHV, multifunctional devices in colour
  - Use:
    - Select (printer) software:
      - Multifunctional devices: UTAX\_TA 5505ci (KPD) (for coloured prints)
      - Multifunctional devices: UTAX\_TA 5555i (KPD) (for b/w prints)
  - Connect as a registered user
    - Name: [Standard Login](#) (form: ma1150)
    - Save password in keychain

**Please consider that you are always charged a coloured print when you select a colour printer, no matter if your document is only black and white. Therefore, please always set up both multifunctional devices of your study location.**

## Bug-Fix

### Problems with the Login

Please check, if the Windows work force HS-WOE is activated: Settings → Network → Further Options → WINS → Work Force

If you get a message saying “Warten auf Authentifizierung” (ENG: “Waiting for authentication”) and nothing else happens, the printer needs to be put into “Passworteingabe erzwingen” (ENG: “force password input”) mode. The easiest way to achieve this is to follow the following instructions in the terminal:

```
sudo launchctl stop org.cups.cupsd
sudo sed -i.bak 's/AuthInfoRequired negotiate/AuthInfoRequired
username,password/g' /etc/cups/printers.conf
sudo launchctl start org.cups.cupsd
```

Also compare to:

<https://blogs.fau.de/faumac/drucken-ueber-windows-druckserver-warten-auf-authentifizierung/>

From:

<https://hrz-wiki.jade-hs.de/> - **HRZ-Wiki**

Permanent link:

<https://hrz-wiki.jade-hs.de/en/services/printing/einrichtung-apple>

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