



- A. PC to Control Unit communication using the **RS232** serial port.
- B. PC to Control Unit communication using the **USB** port.
- C. PC to Control Unit communication using an **Ethernet** connection.

QUICK START GUIDE

This document provides a brief guide to installing the MASsoft Professional software application.

Full installation details can be found in the Hiden Software Suite Installation Guide reference

HA-085-093 found in the MASsoft Manual Set.

Please read all the steps in the relevant section before starting the installation.

Please have all the necessary items to hand, including:

Hidden Software Suite CD-ROM

Hidden USB Flash Drive

Communication Cable

before starting the installation.

Start up sequence highlighted in yellow.

A. PC to Control Unit connection using the RS232 Serial Port

1. Switch on the PC.

2. Identify available COM ports

Right-click on the **My Computer** icon in **Windows Explorer** and select **Properties**. Click the **Hardware** tab in the **System Properties** dialog box then click the **Device Manager** button. In the **Device Manager** dialog box the list of available ports can be found under the section labelled **Ports**.

3. Insert the Hiden USB Flash drive (memory stick)

The instrument is supplied with a Hiden Flash Drive also know as a memory stick. Insert this into one the PC's USB ports.

A dialog box should automatically open prompting you to install the Hiden Software Suite. Click OK and follow the prompts until you are asked to insert the **Hiden Software Suite CD**.

4. Insert the Hiden Software Suite CD

After inserting the CD follow the prompts to complete the **Hiden Software Suite** installation.

5. Edit the Comms Configuration

During the installation the Comms Configuration Utility will run automatically.

When the Comms Configuration Utility window opens:

- select **MASsoft** and click the **Next>** button
- select **Configure an existing instrument** and click the **Next>** button
- select the Works Reference number of the instrument, click the **Next>** button
- select the instrument type, click the **Next>** button
- select **Serial**, click the **Next>** button
- select the appropriate COM port, click the **Next>** button
- select **Exit configuration utility**, click the **Next>** button
- click the **Finish** button

6. Connect the Control Unit to the PC

Use a Null Modem cable (one is supplied with the instrument) to connect the Control Unit RS232 port to the PC COM port.

7. Switch on the Control Unit

The Control Unit will emit a short audible beep to indicate a successful start up.

8. Start MASsoft Professional

Click the **Start** button on the Windows Taskbar. Point to **Programs, Hiden Applications**, then click **MASsoft Professional**.

B. PC to Control Unit connection using the USB Port

1. Switch on the PC.

2. Insert the Hidden Software Suite CD
The CD browser should start automatically.

3. Install the USB drivers

To communicate using the USB port appropriate drivers must be installed on the PC.

In the CD Browser click the button labelled **Install**.
On the install page select the **Install USB Drivers** option located at the bottom of the page.

4. Connect the Control Unit to the PC

Use a USB cable (one is supplied with the instrument) to connect the Control Unit to the PC.

5. Switch on the Control Unit

The Control Unit will emit a short, audible beep to indicate a successful start up.

Windows will automatically detect the presence of the Control Unit and will install the drivers. The Control Unit will be assigned a virtual COM port.

e.g. CP210x USB to UART BridgeController (COM#)

6. Identify available COM ports

Right-click on the **My Computer** icon in **Windows Explorer** and select **Properties**.

In the **System Properties** dialog box click on the **Hardware** tab then click on the **Device Manager** button. In the **Device Manager** dialog box a list of available COM ports can be found in the section labelled **Ports**.

7. Insert the Hidden USB Flash drive (memory stick)

The instrument is supplied with a Hidden Flash Drive also known as a memory stick.

Insert this into one the PC's USB ports.

A dialog box should automatically open prompting you to install the Hidden Software Suite CD. Click OK and follow the prompts until you are asked to insert the **Hidden Software Suite CD**.

8. Install MASSoft

Follow the prompts to complete the installation of the Hidden Software Suite.

9. Edit the Comms Configuration

During the installation the Comms Configuration Utility will run automatically.
When the Comms Configuration Utility window opens:
- select **MASSoft** and click the **Next>** button
- select **Configure an existing instrument** and click the **Next>** button
- select the Works Reference number of the instrument, click the **Next>** button

- select the instrument type, click the **Next>** button
- select **USB**, click the **Next>** button
- select the appropriate COM port, click the **Next>** button
- click the **Finish** button

10. Start MASSoft Professional

Click the **Start** button on the Windows Taskbar. Point to **Programs, Hidden Applications** then click **MASSoft Professional**.

C. PC to Control Unit connection using Ethernet

1. Switch on the PC.

The PC must be started before the Control Unit is switched on.

2. Insert the Hidden USB Flash drive (memory stick)

The instrument is supplied with a Hidden Flash Drive also known as a memory stick.

Insert this into one the PC's USB ports.

A dialog box should automatically open prompting you to install the Hidden Software Suite CD. Click OK and follow the prompts until you are asked to insert the **Hidden Software Suite CD**.

3. Insert the Hidden Software Suite CD

After inserting the CD follow the prompts to complete the **Hidden Software Suite** installation.

4. Disable Network Cable Detection

During the installation the Comms Configuration Utility will run automatically.
When the Comms Configuration Utility window opens:
- select **Configure Network Cable Detection** and click the **Next>** button
- Disable network cable detection, click the **Next>** button

- click the **Finish** button

5. Restart the PC

6. Connect the Control Unit to the PC

Connect the Control Unit's 10/100 Base-T network connector to the PC's network connector using the yellow UTP crossover patch cable supplied with the instrument

OR

If connecting to your main network via a hub use the grey UTP patch cable supplied with the instrument and refer to the TCP/IP Implementation manual for configuration details.

7. Switch on the Control Unit

Windows must be running and have acquired a network address before the Control Unit is switched on. This may take 1 or 2 minutes.

The Control Unit will emit a short, audible beep to indicate a successful start up.
Wait for 2 minutes before proceeding.

The "Limited or no network connectivity" pop-up message is normal.

8. Start the Comms Configuration Utility

Click the **Start** button on the Windows Taskbar.
Point to **Programs, Hidden Applications** and click **Comms Configuration Utility**.
When the Comms Configuration Utility window opens:
- select **MASSoft** and click the **Next>** button
- select **Configure an existing instrument** and click the **Next>** button
- select the Works Reference number of the instrument, click the **Next>** button
- select the instrument type, click the **Next>** button
- select **Network - TCP/IP**, click the **Next>** button
- select the appropriate network card, click the **Next>** button
- select **Exit configuration utility**, click the **Next>** button

- click the **Finish** button

9. Start MASSoft Professional

Click the **Start** button on the Windows Taskbar. Point to **Programs, Hidden Applications** then click **MASSoft Professional**.