

DA2 INSTALLATION GUIDE

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1 DA2 KIT CONTENTS

You will have received the following items in your **DA2** kit.

- **DA2**
- USB type-A to type-B cable
- **DA2** to NV7/8/9/10 cable
- Power cable
- ITL Support CD-ROM

If any of these items are missing please contact Innovative Technology Ltd to arrange for replacement.

If you do not understand any part of this guide please contact the factory for assistance, contact details are below. In this way we may continue to improve our product.

Innovative Technology Ltd has a policy of continual product improvement. As a result the products supplied may vary from the specification described here.

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Innovative Technology is not responsible for any loss, harm, or damage caused by the installation and use of this product. This does not affect your local statutory rights. If in doubt please contact Innovative Technology for details of any changes

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2 SYSTEM REQUIREMENTS

2.1 OPERATING SYSTEMS

To use the **DA2** kit you must ensure that your PC's operating is one of the following

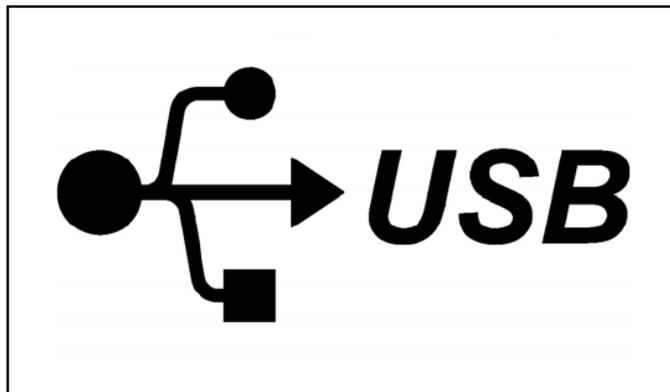
- Windows 98
- Windows 98SE
- Windows 2000
- Windows XP Home
- Windows XP Professional

Windows 95 and Windows NT do not support USB devices. However you can use a DA1 kit – this will allow you to use any of the current Innovative Technology Bank Note Validator download tools.

2.2 HARDWARE

The **DA2** is a Universal Serial Bus (USB) device. It must be connected to a USB port on your PC.

A USB type-A to type-B cable is included with the **DA2**. The type-A plug connects to your PC. The type-B plug connects to the **DA2**. The USB ports on your PC will be marked with the following symbol.



3 WINDOWS INSTALLATION

To install a **DA2** you do not need to connect a Bank Note Validator or a power supply. Simply connect the **DA2** to the PC with the included USB cable.

3.1 WINDOWS 98/WINDOWS 98SE

Before connecting your **DA2** insert the ITL support CD-ROM into your PC.

Once you have connected your **DA2** the *Add New Hardware Wizard* will start and the following screen will be displayed.

Click on **Next >**



The following screen allows you to select a method for finding the driver for the DA2. Make sure that "Search for the best driver for your device" is selected.

Click on **Next >**



Make sure that "specify a location" is checked. In the location box type "[Drive]:\drivers" where [Drive] represents your CD-ROM drive letter (usually D).

Click on **Next >**



The *Add New Hardware Wizard* will show that the *ITL USB (high speed) Serial Controller* has been found.

Click on **Next >** to load the driver



The following screen will be displayed when the driver is loaded.

Click on **Finish**

Your **DA2** is ready for use.



Before connecting your **DA2** insert the DA2 CD-ROM into your PC. Once you have connected your **DA2** a window open showing your PC has found a new device.



When the *Add New Hardware Wizard* starts the following screen will be displayed.



Click on **Next >**

Make sure that *Search for a suitable driver for my device* is checked.



Click on **Next >**

On the following screen make sure that *Specify a location* is checked.



Click on **Next >**

A browser window will open to allow you to select the driver's location. In the location box type "[Drive]:\drivers" where [Drive] represents your CD-ROM drive letter (usually D).



Click on **Next >**

A box will be displayed indicating that the driver has been found.



Click on **Next >**

When the driver has been successfully installed, the following screen will be shown.

Click on **Finish**



A second *New Hardware Wizard* will open.

Click on **Next >**



Make sure that *Search for a suitable driver for my device* is checked.

Click on **Next >**



A browser window will open to allow you to select the driver's location. In the location box type "[Drive]:\drivers" where [Drive] represents your CD-ROM drive letter (usually D).

Click on **Next >**



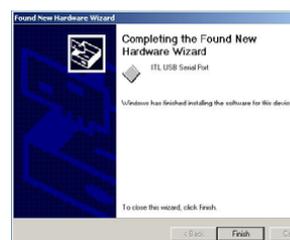
A box will be displayed indicating that the driver has been found.

Click on **Next >**



When the driver has been successfully installed, the following screen will be shown.

Click on **Finish**



3.3 WINDOWS XP (HOME AND PROFESSIONAL)

Before connecting your **DA2** insert the **DA2** CD-ROM into your PC. Once you have connected your **DA2** a message bubble will appear informing you that a new device has been connected.



After a few moments the *Add New Hardware Wizard* will start and the following screen will be displayed. Make sure that *Install the software automatically* is checked.



Click on **Next >**

The following screen will be displayed while the Wizard searches for the driver. If you have already inserted the **DA2** CD-ROM Windows XP will automatically find the driver.



When the driver has been found a message will be displayed informing you that the driver *has not passed Windows Logo testing*.



Click on **Continue Anyway**

When the driver has successfully loaded you will see the following screen.



Click **Finish**

A second *Found New Hardware Wizard* will now open. Make sure that *Install the software automatically* is checked.



Click on **Next >**

The search window will again be displayed



When the driver has been found a message will be displayed informing you that the driver *has not passed Windows Logo testing*.

Click on **Continue Anyway**



When the driver has successfully loaded you will see the following screen.

Click **Finish**

Your **DA2** is now ready for use.



4 VERIFYING INSTALLATION AND IDENTIFYING THE DA2 COM PORT

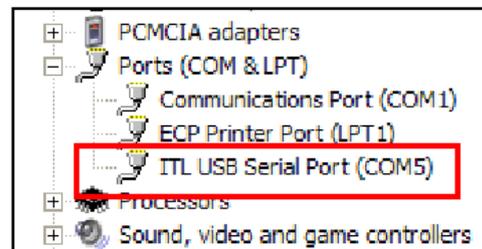
4.1 WINDOWS 98/98SE/ME

1. Right Click on the **My Computer** icon, then select **Properties**.
2. Click on the **Device Manager** tab.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labelled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).



4.2 WINDOWS 2000

1. Right click on the **My Computer** icon, and then select **Properties**.
2. Click on the **Hardware** tab then the **Device Manager** button.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labelled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).



4.3 WINDOWS XP (HOME AND PROFESSIONAL)

1. Right click on the **My Computer** icon, and then select **Properties**.
2. Click on the **Hardware** tab then the **Device Manager** button.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labelled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).



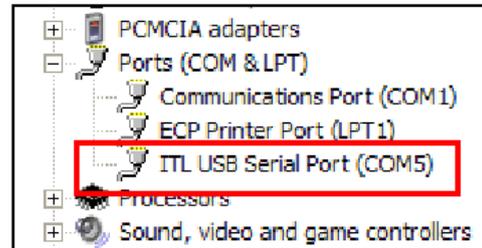
5 INSTALLING ADDITIONAL DA2S

To install additional DA2s follow the instructions for installation for your Operating System. You will not need to insert the DA2 CD-ROM for additional DA2s if you are using Windows XP (Home or Professional).

6 UNINSTALLING THE DA2

6.1 WINDOWS 98/98SE/ME

1. Right Click on the **My Computer** icon, then select **Properties**.
2. Click on the **Device Manager** tab.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labeled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).
5. Click on the **DA2** (it should now be highlighted).
6. Click on the **REMOVE** button.
Follow the on screen instructions.



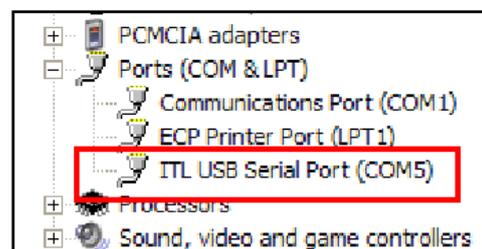
6.2 WINDOWS 2000

1. Right click on the **My Computer** icon, and then select **Properties**.
2. Click on the **Hardware** tab then the **Device Manager** button.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labeled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).
5. Click on the **DA2** (it should now be highlighted).
6. Right click on the **DA2** and select **uninstall**.
Follow the on screen instructions.



6.3 WINDOWS XP (HOME AND PROFESSIONAL)

1. Right click on the **My Computer** icon, and then select **Properties**.
2. Click on the **Hardware** tab then the **Device Manager** button.
3. Locate the **Port (Com & LPT)** icon and click on the + sign next to it.
4. You should see a list of your PC's RS232, LPT (Parallel) and the DA2 port (which will be labeled as *ITL USB Serial Port (Com λ)* where λ indicates the Com Port number the DA2 had been installed to).
5. Right click on the **DA2** and select **uninstall**.
Follow the on screen instructions.



REVISION HISTORY

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