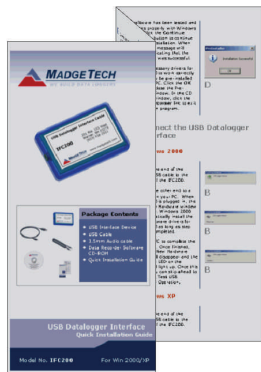# MADGETECH
WE BUILD DATA LOGGERS

USB Data Logger Interface Quick Installation Guide

Package Contents

- USB Interface Device
- USB Cable
- 3.5mm Audio cable
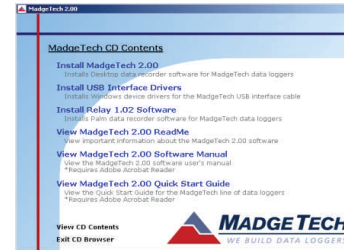- Data Recorder Software CD-ROM
- Quick Installation Guide

Model No. **IFC200**   For Win 2000/XP

IMPORTANT: Do not connect the IFC200 to your PC until instructed to do so or the setup will not work.

1 Set up USB Data Logger Interface

A Insert the MadgeTech Data Recorder Software CD-ROM into your CD-ROM drive. The CD should run automatically, and the CD Contents screen should appear. If it does not, click the **Start** button and choose **Run**. A field will appear, enter **D:\autorun.exe** (If "D" is the letter of your CD-ROM drive).

A

B Click on the **Install MadgeTech 2.00** link on the CD Contents screen to start the installation of the Data Recorder Software. A new window will appear. Follow the on screen prompts to complete the software installation. See the Software Manual or go online at www.madgetech.com for additional information.

B

C To install the IFC200, click the **Install USB Interface Drivers** link on the CD Contents screen. A new window will appear prompting for a directory and to start the installation.
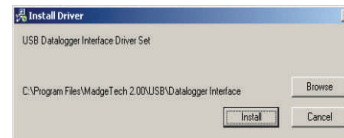
By default, the directory is set to be the default installation directory for the Data Recorder Software. If you choose to change the directory where the drivers will be stored, do so here by clicking **Browse**. When the directory is set to the correct location, click the **Install** button to start the installation.
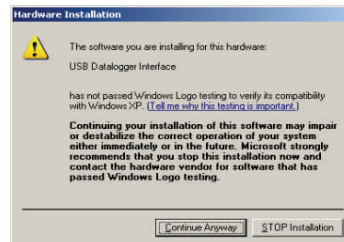
C

D When using Windows XP, a screen may appear indicating *the software has not passed Windows Logo Testing.* This software has been tested and works properly with

D

Windows XP. Click the **Continue Anyway** button to resume the installation. When finished, a message will display indicating the installation was successful.
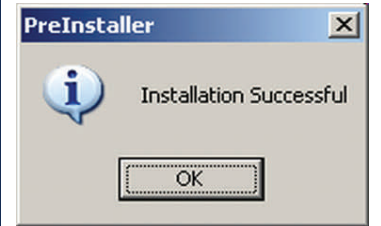
All the necessary drivers for the IFC200 to work correctly should now be pre-installed onto your PC. Click the **OK** button to close the Pre-Installer window. In the CD Contents window, click the **Exit CD Browser** link to exit the autorun program.

D

2 Connect the USB Data Logger Interface

For Windows 2000

A Remove the Warning label to expose the USB connector. Connect one end of the included USB cable to the USB port of the IFC200.

B Connect the other end to a USB port on your PC. When the IFC200 is plugged in, the **Found New Hardware** window will display. Windows 2000 will automatically install the proper software drivers for the IFC200 as long as step one was completed.

Allow the PC to complete the installation. Once finished, the **Found New Hardware** window will disappear and the blue power LED on the IFC200 will light up. Once this occurs, you can skip ahead to step three, Test USB Interface Device Operation.

For Windows XP

A Remove the Warning label to expose the USB connector. Connect one end of the included USB cable to the USB port of the IFC200.

Warning: Install driver before connecting this device.

A

B

B

B

B

Warning: Install driver before connecting this device.

A

![MadgeTech logo — WE BUILD DATA LOGGERS]

B   Connect the other end to a USB port on your PC. When the **IFC200** is plugged in, the **Found New Hardware Wizard** will pop up. Select the **No, not this time** option to not allow Windows to connect to Windows Update. Click the **Next** button to continue.

C   When prompted for the installation CD, select the **Install the software automatically** option. Click the **Next** button to continue. NOTE: the CD is not necessary for this step to complete.
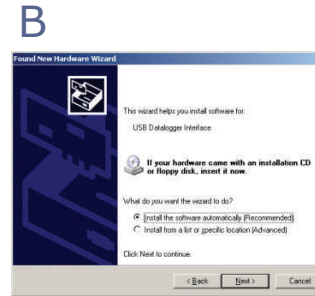
D   When using Windows XP, a screen may appear indicating, *the software has not passed Windows® Logo testing*. This software has been tested and works properly with Windows XP. Click the **Continue Anyway** button to complete the installation.
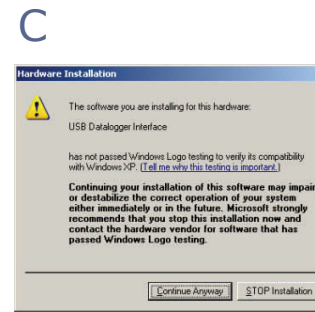
E   When the installation is complete, the **Found New Hardware Wizard** will reappear stating that it has finished installing the software for the USB Datalogger Interface. Click the **Finish** button to exit the Wizard.


B

C

D

E

B   The blue power LED indicator light on the IFC200 should be on. If the blue LED indicator light is **NOT** on, unplug the USB cable from the IFC200. Wait 5 seconds, then plug the USB cable into the IFC200.

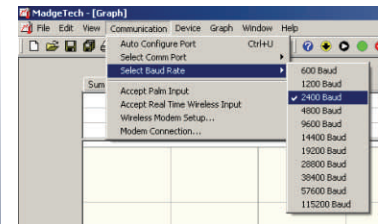C   Start the MadgeTech Data Recorder Software.

If necessary, see the software manual for additional information on the software.

D   From the **Communication** menu on the toolbar choose **Select Comm Port** from the drop down list.

A sub-menu will appear listing the software available communication ports. If the IFC200 installation was successful and the device is plugged into the computer, the menu option of USB1 should appear. If multiple IFC200 devices are plugged into the same PC, they will all be listed in this menu as USB1, USB2, USB3, ... etc. Use this menu to select the proper device.
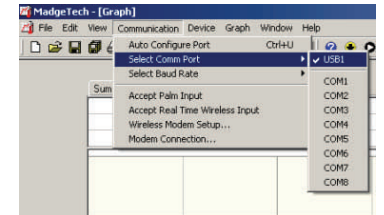
E   As with the standard COM port the IFC200 must be configured to communicate at the proper baud rate. The IFC200 can be configured to work with most MadgeTech Data Loggers by selecting the proper baud rate in the software. The baud rate will be dependent on the baud rate of the device connected to the host computer. For example, a Temp101 communicates at 2400 baud, so 2400 baud must be selected from the **Communication** menu.

D

E

**Congratulations!
The installation of the
IFC200 USB Data Logger
Interface is complete!**

Additional Information

For additional information or troubleshooting assistance, refer to the User Guide on the Data Recorder Software CD-ROM. You can also call or e-mail for further support.

Website

> http://www.madgetech.com

E-mail Support

> support@madgetech.com

Phone

> (603) 456-2011

Fax

> (603) 456-2012

Address
MadgeTech, Inc.
P.O. Box 50
201 Route 103 West
Warner, NH 03278

3 **Test USB Interface Device Operation**

A   To verify that the IFC200 drivers were installed properly, check to ensure the Data Recorder Software can recognize the device.