## **Controller MX and Windows 7**

**USB Service Port Driver Installation** 

## A. Introduction

The USB Service Port of a Controller MX emulates an Ethernet device and requires an RNDIS driver on Windows 7 PCs.

The RNDIS driver is a part of the Windows 7 operating system but the OS fails to assign this driver to the Controller MX USB Service Port automatically.

When the Controller MX USB Service Port is connected to the PC the OS will automatically search for the relevant driver. If it fails to find the driver, perform the steps as outlined below.

**Note:** This procedure may need to be repeated if the Controller MX USB Service Port is connected to a different USB port on the same PC at a later date.

## **B.** Driver Installation

1. After the Controller MX USB Service Port has been connected, a message similar to that as shown below will be displayed if the driver was not found:

| Driver Software Installation          |                            |
|---------------------------------------|----------------------------|
| Device driver software was            | not successfully installed |
| RNDIS/Ethernet Gadget                 | XNo driver found           |
| What can I do if my device did not in | istall properly?           |
|                                       | Close                      |

- 2. Open Device Manager:
  - Click Start, right click on Computer and then select Manage.
  - From System Tools, click Device Manager.
  - A list will be displayed showing all devices for the computer. The Controller MX Service Port will be shown under Other Devices as an RNDIS/Ethernet Gadget with an exclamation mark beside it.



- 3. Right click on the RNDIS/Ethernet Gadget entry and select Update Driver Software ...
- 4. When prompted to choose how to search for device driver software, choose *Browse my computer for driver software*.
- 5. Select Let me pick from a list of device drivers on my computer.
- 6. A window will come up asking to select the device type. Select *Network adapters*.
- In the Select Network Adapter window, select Microsoft Corporation from the Manufacturer list. Under the list of Network Adapter:, select Remote NDIS Compatible Device and then click Next. Note: A warning dialog may pop up, click Yes if it does.

| Click the Network                  | er<br>Adapter ti<br>r this feati | nat matches your hardware, then click OK. If you have an<br>ıre, click Have Disk. |
|------------------------------------|----------------------------------|---|
|                                    |                                  |   |
| Manufacturer                       | *                                | Network Adapter:  |
| Marvell                            |                                  | Remote NDIS based Internet Sharing Device   |
| Microsoft<br>Microsoft Corporation |                                  | Remote NDIS Compatible Device   |
| Motorola Inc                       |                                  |   |
| • (                                | -                                |   |
| This driver is digitally si        | gned.                            | Have Disk   |

 The driver should now get installed and the *RNDIS/Ethernet Gadget* should now be listed under *Network adapters* in *Device Manager*.