StarTech com 1P1FFCN-USB-SERIAL USB to Null Modem Serial Cable User Guide

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Quick-Start Guide

FTDI USB-A to RS232 DB9 Null Modem Serial Adapter Cable – M/F

Product ID

1P1FFCN-USB-SERIAL
1P3FFCNB-USB-SERIAL
1P6FFCN-USB-SERIAL
1P10FFCN-USB-SERIAL

Component Function

1	Serial Port DB9	• Connect to a **Serial Peripheral Device**
2	DB9 Screws	• Used to secure the **Serial DB9 Port** to the **Serial Peripheral Device** • The included **DB9 Nuts** can be installed for compatibility with **Serial Peripheral Devices** or **Cables** • **1P1FFCN-USB-SERIAL** comes with the **DB9 Nuts** pre-installed and the **DB9 Screws** included
3	LED Indicators	• **Data Receive LED**: Flashes **Green** to indicate activity • **Data Transmit LED:** Flashes **Yellow** to indicate activity • **USB LED:** Solid **Blue** to indicate driver has been installed, and USB connection enumerated
4	USB Type A Port	• Connect the **USB to Serial Adapter** to an available **USB-A Port**

Package Contents

1P3FFCNB-USB-SERIAL

1P6FFCN-USB-SERIAL

1P10FFCN-USB-SERIAL

• USB to Serial Adapter x 1

• DB9 Nuts x 2

• Quick-Start Guide x 1

1P1FFCN-USB-SERIAL

• USB to Serial Adapter x 1

• DB9 Screws x 2

• Quick-Start Guide x 1
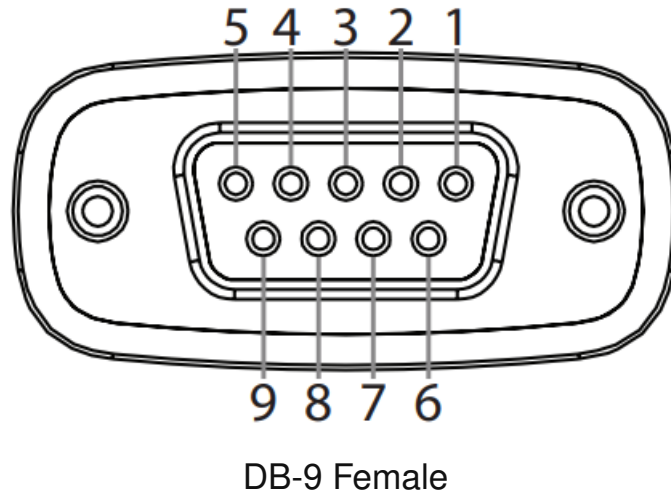
Requirements

• USB Type-A Enabled Computer x 1

For the latest drivers/software, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/1P1FFCN-USB-SERIAL

Pinout Diagram

DB-9 Female

Pin RS-232

1   DCD

2   TXD

3   RXD

4   DSR

5   GND

6   DTR

7   CTS

8   RTS

9   RI

Installation

Install the Driver and Adapter

Note: Drivers should install automatically in most supported operating systems. If they do not, please complete the following steps:

  1. Navigate to:

2. Click the **Drivers**/**Downloads** tab.

3. Under **Driver**(s), download the appropriate **Driver Package** for your operating system.

To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit www.startech.com/support.

Manual Revision: September 11, 2024

Windows

1. Right-click the downloaded file and extract the contents with **Extract All.**
2. Browse the Windows folder and run the **Setup** file.
3. Follow the on-screen instructions to complete the installation.
4. Connect the **USB to Serial Adapter** to an available USB-A port.

macOS

1. Double-click the downloaded file.
2. Open the folder that matches your **macOS Version** and run the **Installer** file inside the folder.
3. Follow the on-screen instructions to complete the installation.
4. Connect the **USB to Serial Adapter** to an available USB-A port.

Verify Driver Installation

Windows

1. Navigate to the **Device Manager.**
2. Under **Ports (COM & LPT)**, right-click **COM Port** and click **Properties.**
3. Confirm that the **Driver** is installed and working as expected.

macOS

1. Navigate to **System Information.**
2. Expand the **Hardware** section and click **USB.**
3. Confirm that **COM Port** appears in the list.

Regulatory Compliance

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment to an outlet on a different circuit than the receiver.

– Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

ISED Statement / Déclaration d'ISDE

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.
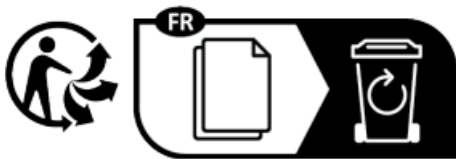
Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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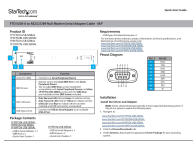IT: startech.com/it

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References

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