

USB to RS232 DB9 Serial Adapter with Detachable 6' M/M USB Cable

ICUSB232D



*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com

FR: Guide de l'utilisateur - fr.startech.com

ES: Guía del usuario - es.startech.com

IT: Guida per l'uso - it.startech.com

NL: Gebruiksaanwijzing - nl.startech.com

PT: Guia do usuário - pt.startech.com

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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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

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

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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Table of Contents

Product Diagram	1
Front View	1
Rear View	1
RS232 Pinout.....	2
Introduction	2
Packaging Contents	2
System Requirements.....	2
Installation	3
Windows®	3
Mac OS®	4
Verifying Installation	4
Specifications.....	6
Technical Support	7
Warranty Information.....	7

Introduction

Packaging Contents

- 1x USB to RS232 Adapter
- 1x 6ft USB 2.0 Cable M/M - "A" to "B"
- 1x Driver CD
- 1x Instruction Manual

System Requirements

- Available USB Port
- Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), Windows Server® 2012, 2008 R2, 2003, Mac OS® 10.6 and up (Tested up to 10.10), Linux 3.5 / 3.13

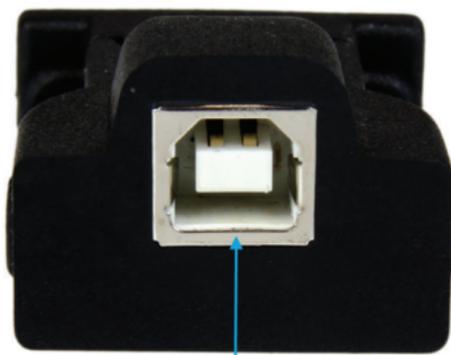
Product Diagram

Front View



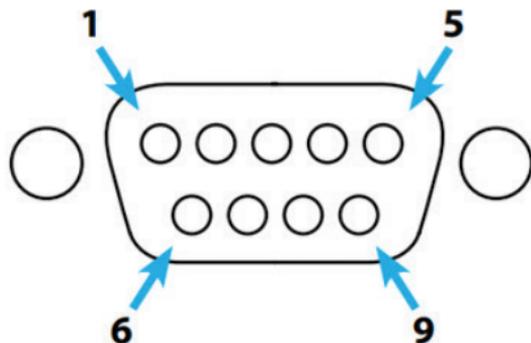
DB-9/RS232

Rear View



USB 2.0 'B'
(USB 'A' to 'B' Cable Included)

RS232 Pinout



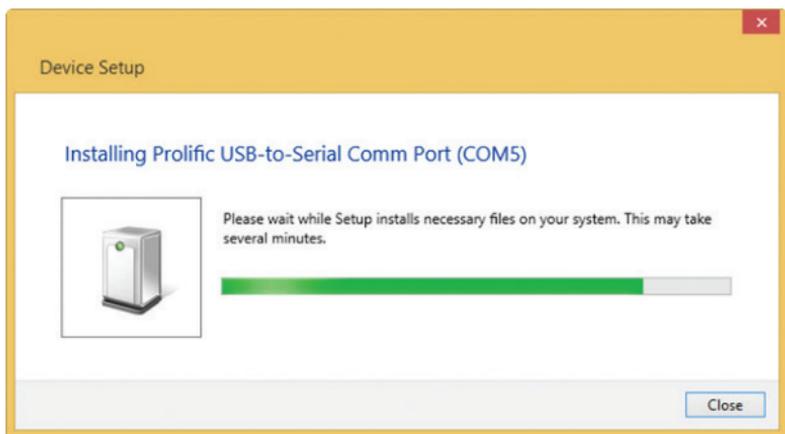
Pin 1	DCD
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI

Installation

Depending on your Operating System version and whether or not you have an active network connection, the USB to Serial Adapter may auto-install, or auto-download the proper drivers once connected to an available USB port on the host system. If the USB to Serial Adapter does not automatically install the drivers, follow the steps below to complete the installation process.

Windows®

1. Connect the provided USB 2.0 Cable to the USB to Serial Adapter, and then to an available USB port on the host computer. The drivers should automatically install.



2. If the drivers did not automatically download and/or install, download the latest drivers from the www.startech.com website (recommended), or insert the provided Driver CD into your computer's CD/DVD drive.
3. Browse to the downloaded driver file location and run the **“.exe” install application**. Follow any on-screen instructions to complete the driver installation process.
4. If using the Driver CD method, select the **Open folder to view files** option from the AutoPlay menu. If AutoPlay is disabled on your system, browse to your CD/DVD drive.
5. Run the **“.exe” install application** and follow any on-screen instructions to complete the driver installation process.

Note: You may be prompted to restart your system.

6. Connect your RS232 Serial Device to the DB-9 Port on the USB to Serial Adapter

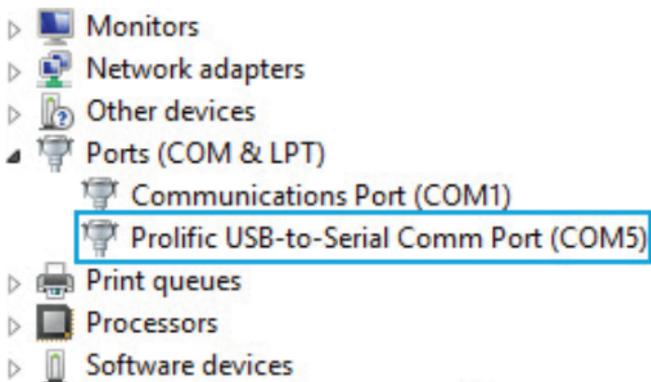
Mac OS®

1. Connect the provided USB 2.0 Cable to the USB to Serial Adapter, and then to an available USB port on the host computer.
2. If the drivers did not automatically download and/or install, download the latest drivers from the www.startech.com website (recommended), or insert the provided Driver CD in to your computers CD/DVD drive.
3. Browse to the downloaded driver file location and run the **“.dmg” install application**. Follow any on-screen instructions to complete the driver installation process.
4. If using the Driver CD method, browse to your CD/DVD drive and run the **“.dmg” install application** and follow any on-screen instructions to complete the driver installation process.

Verifying Installation

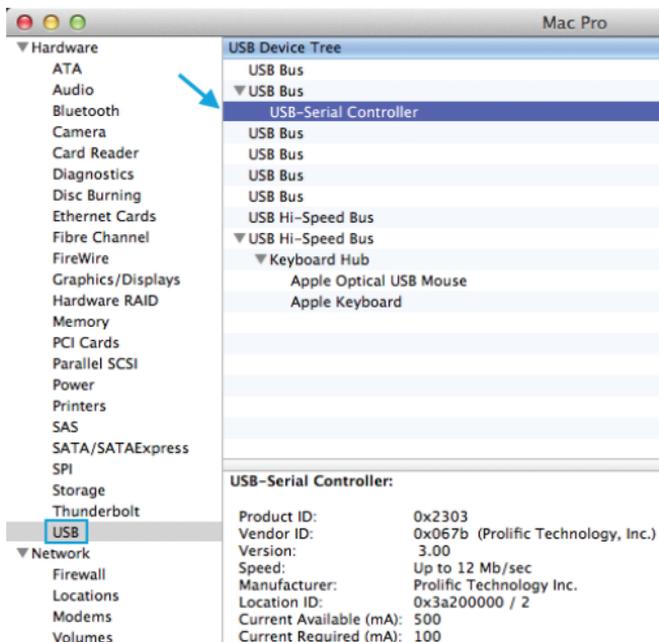
Windows®

1. From the main desktop or start menu, open the Device Manager by right-clicking on **Computer**, and then selecting **Manage**. In the Computer Management window, select **Device Manager** from the left window panel. (For Windows® 8.1, right-click on the **Start** button and click **Device Manager**).
2. Expand the “Ports (COM & LPT)” section. With the USB to Serial adapter connected, on a successful install you should see the following device in the list with no exclamation points or question marks.



Mac OS®

1. Open the System Profiler by clicking the Apple symbol in the top left corner, selecting **About this Mac**, then select **System Report**.
2. Expand the “Hardware” section and click **“USB”** in the left column. With the USB to Serial Adapter connected, on a successful install you should see the following device in the list.



Specifications

Interface	Serial
Bus Type	USB 2.0
Port Style	Cable Adapter
Industry Standards	USB 2.0/1.1 RS-232
Chipset ID	Prolific - PL2303-TA
Connector Types	1 - DB-9 (9 pin; D-Sub) Male 1 - USB B (4 pin) Female
Serial Protocol	RS-232
Max Baud Rate	128 Kbps
Data Bits	5,6,7,8
FIFO	512 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS, CD/DTR/DSR
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 1.5, 2
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), Windows Server® 2012, 2008 R2, 2003 Mac OS® 10.6 and up (Tested up to 10.10) Linux 3.5 / 3.13
System and Cable Requirements	Available USB 1.1 (or above) port
Product Dimensions (LxWxH)	59 x 32 x 22 mm
Cable Length	6 ft [1.8 m]
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-10°C to 80°C (14°F to 176°F)
Humidity	5~95% RH (Non-Condensing)

Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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