



USB 2.0 to RS232 adapter cable (FTDI / FT232RNL chipset)



Quick Installation Guide

DA-70170

Table of contents

1.	Introduction	3
2.	Features	3
3.	Package content	4
4.	Specifications	4
5.	Connecting list.....	5
6.	Windows 7/8/8.1 Installation Guide	6

1. Introduction

USB 2.0 to RS232 adapter cable (cable length: 1.8 m) combines data cable and adapter in one compact solution. The integrated high-quality FTDI/FT232RNL chipset reliably converts USB signals into serial RS232 signals and thus enables the direct connection of modems, measuring devices, controllers or other RS232 peripherals to a PC or notebook. Automatic driver installation under Windows, macOS, Linux and ChromeOS means the cable is ready for immediate use. Gold-plated contacts ensure long-lasting and stable signal transmission, while LED status indicators make active data traffic clearly visible. An additional 180 cm USB connection cable increases installation flexibility.

2. Features

- Cable with integrated adapter function – No separate hardware required
- Stable and seamless serial communication via modern USB ports – Ready for immediate use thanks to the reliable FTDI chipset and automatic driver support.
- Broad operating system compatibility: Windows, macOS, Linux, ChromeOS
- USB 2.0-compliant, downwards compatible with USB 1.1
- Customizable data transfer rates: 75 to 128,000 bps
- RS232 interface via USB-A – Easy integration into existing systems
- Real RS232 output with 5V / 3.3V / 2.8V / 1.8V and TTL input - clean signal levels
- Gold-plated contacts – Optimum conductivity and corrosion protection

- Full-duplex communication – Simultaneous sending and receiving of data
- COM port retention – Automatic port recognition on restart or reconnection
- Secure screw connection – Firm hold for serial devices and peripherals

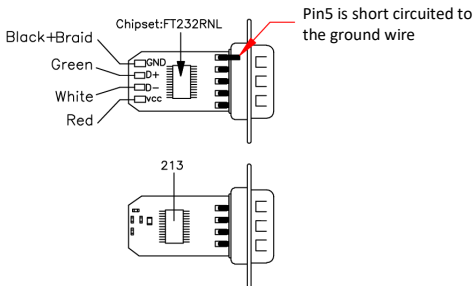
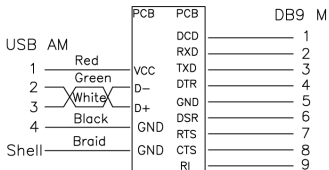
3. Package content

- USB 2.0 to RS232 adapter cable (FTDI / FT232RNL chipset)
- User manual
- Driver CD

4. Specifications

- USB 2.0 to RS232 (DB9 connector) adapter cable
- Chipset: FTDI / FT232RNL
- Full duplex interface
- Data transfer rates from 75 bps to 128,000 bps
- Supports remote wake-up and energy management
- Compatible operating systems: Windows 11 / 10 / 8.1 / 8 / 7 / Vista / XP, macOS X, Linux, ChromeOS
- Automatic driver installation for Windows 7+, macOS 10.15+ and Linux
- Real RS232 output: 5V / 3.3V / 2.8V / 1.8V
- 1x RS232 DB9 plug to 1x USB-A plug
- Fastening with pre-assembled screws or nuts
- COM port retention ensures consistent port assignment

5. Connecting list



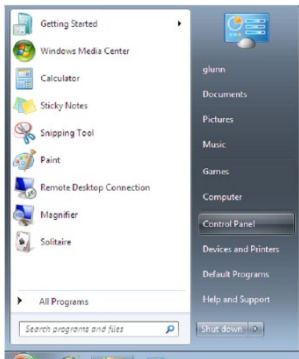
6. Windows 7/8/8.1 Installation Guide

Step 1: Insert CD Driver of this product to the CD-ROM. Connect the device to a spare USB port on your PC.

Step 2: If there is an available Internet connection, Windows 7/8/8.1 will silently connect to the Windows Update website and install any suitable driver it finds for the device.

If the automatic installation takes place there is no need to continue with the procedure outlined below. If no suitable driver is automatically found, then the following procedure should be followed.

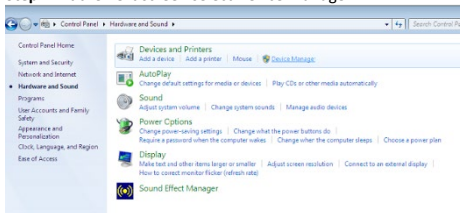
Press the Windows start button to bring up the start menu and select "Control Panel".



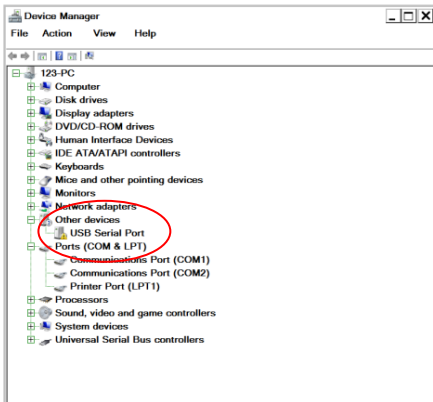
Step 3: From the Control Panel window select Hardware and Sound



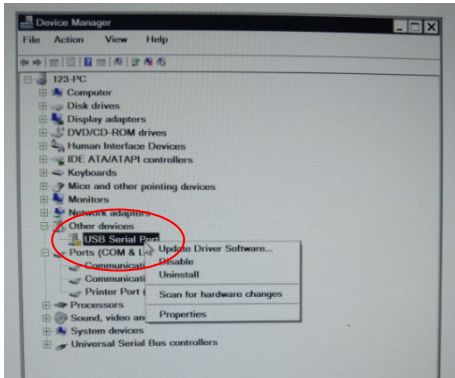
Step 4: At the next screen select Device Manager:



Step 5: In the Device Manager window there will be a device under Other Devices with a yellow warning symbol to indicate a problem is no driver installed. The text next to this device will depend on the device attached. In this example the devices were “USB Serial Port” devices.



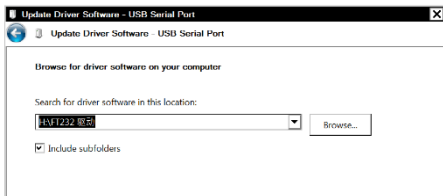
Step 6: Right click on the other device to bring up a menu as shown below. From the displayed menu select “Update Driver Software...” This then displays the option for an automatic search or a manual search.



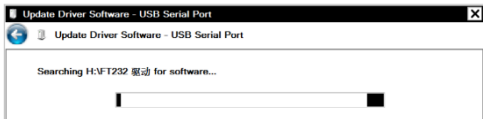
Step 7: Select the second option to browse manually.



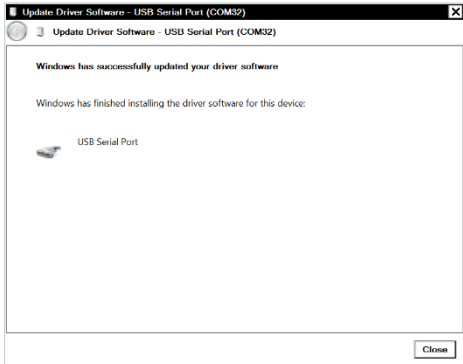
Step 8: click “Browse” and choose the corresponding OS driver in CD. Click “Next” to continue



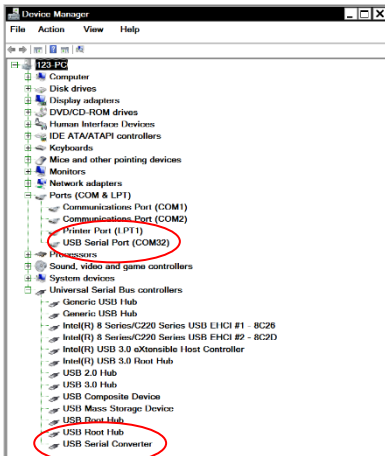
Step 9: When the installation has finished a completion screen is displayed.



Step 10: Press Close to close this window and go back to the Device Manager Window.



Step 11: At this point, a new port "USB Serial Port (COM32)" will appear under the ports, indicating successful driver installation.



NOTE: Not all devices will install to COM32. The COM port allocation is determined by the installation wizard based on the next free com port as designated in the PC registry.

Hereby Assmann Electronic GmbH declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

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