



**USB 2.0 to RS232 adapter cable,
1.8 m, integrated FTDI
FT232RNL chipset**



Quick Installation Guide

DA-70172

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1. Introduction

The DIGITUS® USB 2.0 to RS232 adapter cable with powerful FTDI FT232RNL chipset provides a reliable solution to connect legacy RS232 serial devices to modern computers via USB. It supports a wide range of operating systems, including Windows, macOS and Linux (with driver installation). Designed for industrial and IT applications, the adapter enables robust and full-duplex data transmission at variable speeds. Gold-plated contacts and LED status indicators ensure durability and clear signal transmission. A 180 cm USB extension cable is included for flexible installation.

2. Features

- FTDI FT232RNL chipset – Optimized for fast, industrial USB-to-serial conversion
- Cross-platform support: Windows, macOS, Linux, ChromeOS
- Automatic driver installation under Windows 7+, macOS 10.15+ and Linux
- Supports USB 2.0, downwards compatible with USB 1.1
- Flexible baud rates: 75 - 128,000 bps for individual configurations
- Real voltage levels: RS232 output with 5V, 3.3V, 2.8V, 1.8V
- Gold-plated contacts – for optimum signal quality and corrosion protection
- Full-duplex communication – simultaneous sending and receiving
- COM port retention – operating system remembers port assignment on reconnection
- Mounting option with screws/nuts – for a secure hold on serial devices

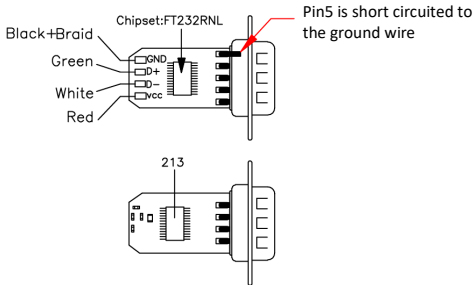
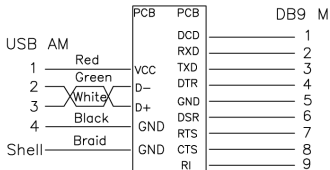
3. Package content

- USB 2.0 to RS232 adapter cable, 1.8 m
- User manual
- Driver CD

4. Specifications

- USB 2.0 to RS232 adapter cable (DB9 connector)
- Chipset: FTDI FT232RNL
- Full-duplex communication
- Adjustable data rates: 75 to 128,000 bps
- Supports remote wake-up and USB power management
- Compatible operating systems: Windows 11 / 10 / 8.1 / 8 / 7 / Vista / XP, macOS X, Linux, ChromeOS
- Real RS232 output level: 5V / 3.3V / 2.8V / 1.8V
- 1x RS232 DB9 connector (Sub-D 9-pin)
- 1x USB-A plug
- Mounting: screw/nut mechanism for stable fastening
- COM port retention function - constant COM port assignment

5. Connecting list



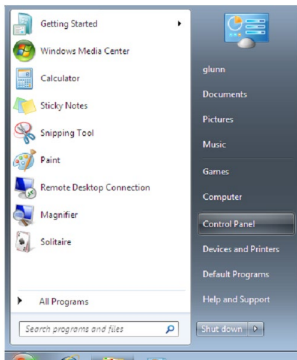
6. Windows 7/8/8.1 Installation Guide

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.

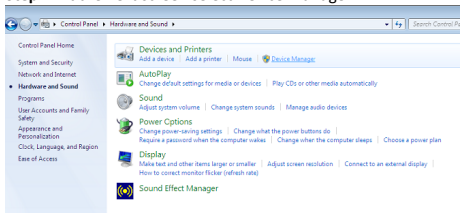
Press the Windows start button to bring up the start menu and select "Control Panel".



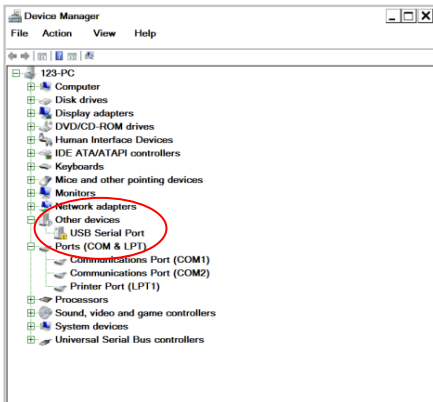
Step 3: From the Control Panel window select Hardware and Sound



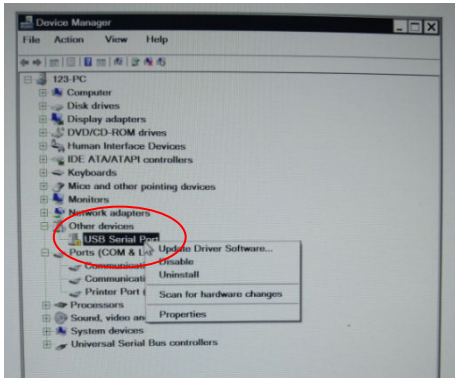
Step 4: At the next screen select Device Manager:



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.



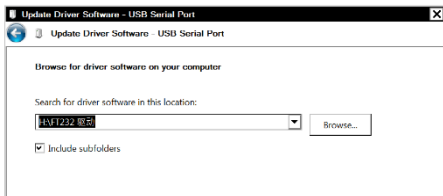
Step 6: Right click on the other device to bring up a menu as shown below. From the displayed menu select “Update Driver Software...” This then displays the option for an automatic search or a manual search.



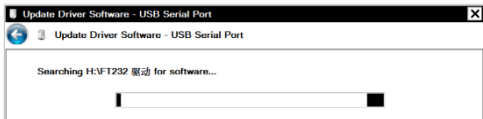
Step 7: Select the second option to browse manually.



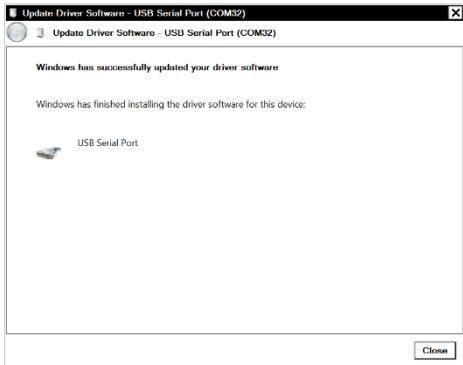
Step 8: click “Browse” and choose the corresponding OS driver in CD. Click “Next” to continue



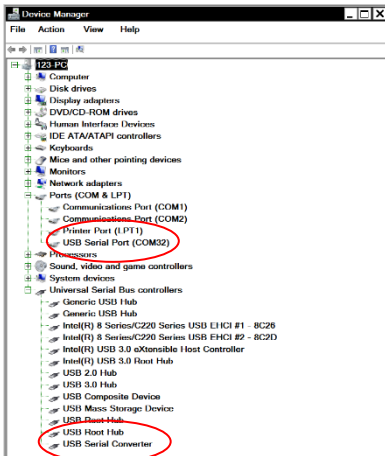
Step 9: When the installation has finished a completion screen is displayed.



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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