

RS232 Serial to TTL Converter

IC232TTL

- 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

Packaging Contents

- 1x RS232 Serial to TTL Converter
- 1x Instruction Manual

System Requirements

- Available RS232 DB-9 Serial Device / Port
- Available TTL DB-9 TTL Device / Port

Product Overview

The IC232TTL converts an RS232 serial signal (-12 to +12V) to a Transistor-Transistor-Logic (TTL) signal (0 to +5V).

- Transmission Distance: limited to 5 meters
- Transmission Rate: 300bps to 115.2kbps

RS232 / DB-9 Female

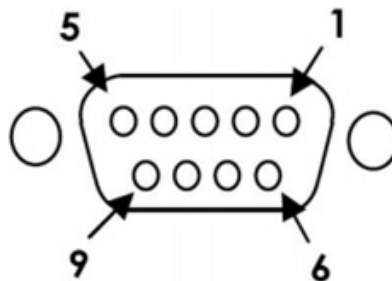


TTL / DB-9 Male



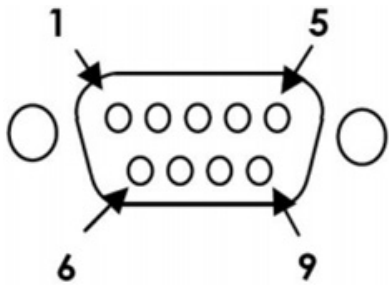
*actual product may vary from photos

RS232 Pinout (DB-9 Female)



Pin 1	
Pin 2	TXD
Pin 3	RXD
Pin 4	
Pin 5	GND
Pin 6	
Pin 7	
Pin 8	
Pin 9	

TTL Pinout (DB-9 Male)



Pin 1	RXD
Pin 2	TXD
Pin 3	
Pin 4	
Pin 5	GND
Pin 6	5V
Pin 7	
Pin 8	
Pin 9	

Installation and Operation

1. Connect the RS232 DB-9 Female connector on the adapter to your RS232 DB-9 connector on your serial device/port.
2. Connect the TTL DB-9 Male connector on the adapter to your TTL DB-9 connector on your TTL device/port.

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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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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