

# EASY USB to RS232



**Quick REFERENCE**, Version: preliminary

USB to serial RS232 converter, non isolated

## Short Description

Using the EASY USB to RS232 converter you can expand your PC I/Os with an additional external serial port (RS232) via an internal onboard USB port.

The EASY USB to RS232 converter is designed to be PC internal mounted. One USB cable connection is included.

The PC must be running Windows® operating system (refer to “System Requirements”). The functionality of this port is ensured only by installation of the corresponding USB driver for the bridge controller PL-2303 HXD.

For the mechanical dimension refer to the outline dimensions drawing on our website, tab “Downloads” for this product.



## System Requirements:

- » PC with installed MS Windows® XP, Windows® 2000, Windows® Server 2003 and 2008, Windows®7 Windows® Vista (32-bit or 64-bit)
- » Stick with the required USB driver
- » An available on board USB (2.0) 10-pin header
- » Free external expansion slot for the slot bracket with the serial interface (9-pin D-SUB connector) or a cut out for the S-SUB connector at the I/O panel of the PC.

## Pinouts of the Connectors

Pin	Signal Name	9-pin D-SUB connector (male)
1	DCD (Data Carrier Detect)	
2	RXD (Receive Data)	
3	TXD (Transmit Data)	
4	DTR (Data Terminal Ready)	
5	GND (Signal Ground)	
6	DSR (Data Set Ready)	
7	RTS (Request to Send)	
8	CTS (Clear to Send)	
9	RI (Ring Indicator)	

Used USB Port		Dual Row, Right Angle 2.54 mm (0.100") 10-pin (Pin 9 is “Key”)	USB Port not connected	
Pin #	Signal Name		Pin #	Signal Name
1	VCC fused		2	NC
3	Data-		4	NC
5	Data+		6	NC
7	GND		8	NC
9	Key		10	NC

Note for NC: do not connect

## Information for Installation of the EASY USB to RS232:

The operating system does not recognize this USB connected EASY USB to RS232 converter as an USB-device. No USB icon appears in the taskbar.

The converter appears after installation of the corresponding driver as “USB serial device COM#”. See in the “Device Manager” of your computer under the file “(Ports&LPT)”.

The COM port number is allocated by OS, depending on the connected devices to the PC.