NordField
Electronics

USB to RS232 Serial Adapter - Pro
Part no.: XS8801

- Port powered from USB port
- Baud rates from 300bps to 1Mbps
- Thumb-screws for connecting to DB9
- FTDIFT232RL processor
- Electrostatic protection
- Ferrite core for RF noise protection

This USB to serial RS232 adapter is a good choice for most applications, if has a high performance chipset and drivers compatible with all versions of Windows, Linux and Mac (yes even Windows 7) in both 32 and 64-bit systems. It is a medium priced adapter but still with a full featured cable and performance.

The housing is rubberized with a thumb-screw on each side of the DB9 male connector for securing it to a female DB9 connector. It has a molded cable attachment and a ferrite ring at the USB end to reduce electrical and high frequency noise to interfere with the data transmission.

After installing the downloadable drivers a virtual COM port will show up in your operating system's Device Manager. This virtual COM port can be used as if it was a standard COM port. The driver software will even allow you to configure several port parameters such as COM port number, data bits, parity rate etc.

This USB to serial adapter has protection against static electricity for up to 15KV which usually is sufficient for most commercial, laboratory and consumer projects. For industrial applications and devices sensitive to high voltage spikes we recommend one of our optically isolated USB to serial converters.

NordField
Electronics

Specifications

SPECIFICATIONS	
Model number	XS8801
Recommended operating system	• Windows 10 32/64, Windows 8 32/64, Windows 7 32/64, Vista 32/64, XP 32/64, Server 2003/8R2 32/64, 2000, ME, 98Se • Linux • Mac OS 8, OS 9, OS X • Windows CE.NET (Version 4.2 and greater) • Android
Baud rate	300-921.600bps, auto detection
Power	Port powered from USB port
RS232 interface	DB9 male connector
USB interface	Male type A
Chipset	FTDI FT232RL
Power on pin 9	No
Parity	None, Odd, Even, Mark, Space
Data bits	7, 8
Stop Bits	1, 2
Flow Control	None, Xon/Xoff, Hardware
Indication LEDs	TX, RX and Power
Buffer size	128/385 Bytes
RS232 output power	~5.7VDC
Serial signals	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
USB signals	VCC, DATA+, DATA-, GND, FG
Flow control	Automatic. No IRQ Conflicts, no IRQs, IO or DMA required
Cable length	3 feet
Current draw	Less than100mA
ESD static protection	15KV / 600W/ms
Standards	EIA/TIA RS-232C, USB: v1.0, 1.1, 2.0
Operating humidity	5% To 95% - No Condensation
Operating Temp.	-20°C to 60°C
Certifications	CE, FCC, RoHS
Warranty	2-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050

Connection table

Pin no.	RS232 DB9 Male
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

Connection example

3 Feet

Serial Device
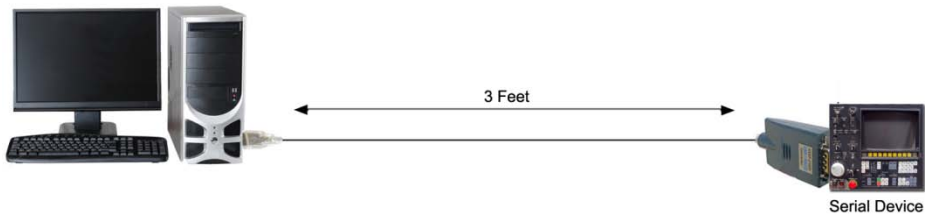
Please download drivers and driver installation instructions for this product at:

www.Nordfield.com