

## Description

The BLUEMAX10 is a professional, slim, wireless adapter ready to be plugged into a serial port device.

Configuration software included. Software drivers on client not needed.



## Applications

BLUEMAX10 allows you to cut the cables using wireless communication with PC, Pda, Mobile phone...

It's suitable in order to add bluetooth connectivity **without operative system since it doesn't need drivers to work.**

- Industrial CNC
- Medical devices
- Fitness Machines
- Modems
- Sensors
- Your application

## Mechanical spec.

Dimensions 82 X 44 X 25 mm  
Connector DB9 Male or Female

Battery charger included

## Features

- Bluetooth wireless RS232 Adapter
- Class1 100m Range
- Lithium battery inside 1000mAH (lasting 24h)
- DB9 Female (DCE)
- DB9 Male (DTE)
- Data communication Serial RS232
- Status Led

### Benefits

- No drivers needed
- Transparent RS232
- Class 1 : 100 meters
- Easy setup of parameters

### Applications

- Sensors Network
- Automotive
- Home automation
- Industrial automation
- Telemetry
- Automatic Meter Reading (AMR)

## Led status

Flashing	Power on
On	Bluetooth connection active

## Electrical

Current	TX 115 mA Typical
	RX 75 mA Typical
	Standby 15 mA

Bluetooth v. 2.0 Compliant

Sensitivity < -88 dBm (0.1% BER)

Class 1 Output power (Working distance greater than 100m in free space)

Temperature Range

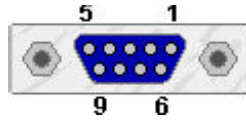
Storage -10C +70°C (Humidity 5% - 90% non condensing)

Operation 0°C +60°C

## Power

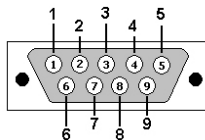
3,7V 1000mAH Lithium Battery inside

## RS232 Pin assignment and description (DB9 Female Connector—DCE BLUEMAX10)



Pin	Name	In-Out	Description
1	-	-	-
2	TXD	Out	Transmitting Data
3	RXD	In	Receiving Data
4	-	-	-
5	GND	-	Ground (0 V)
6	-	-	-
7	CTS	In	Clear to Send (used if hardware flow control enabled)
8	RTS	Out	Request to Send (used if hardware flow control enabled)
9	-	-	-

## RS232 Pin assignment and description (DB9 Male Connector—DTE BLUEMAX11)



Pin	Name	In-Out	Description
1	-	-	-
2	RXD	In	Receiving Data
3	TXD	Out	Transmitting Data
4	-	-	-
5	GND	-	Ground (0 V)
6	-	-	-
7	RTS	Out	Request to Send (used if hardware flow control enabled)
8	CTS	In	Clear to Send (used if hardware flow control enabled)
9	RING	In	Ring Signal (or internal Power Supply +5-7.5 V)

- \* • "In" Direction means signal received by BLUEMAX  
• "Out" Direction means signal transmitted by BLUEMAX

## Serial

RS232 transfer rates setting available from 1,200baud to 430,800 baud.

Hardware flow control, stop bits number, parity setting available.

## Security

Secret pincode setting available.

## Custom Parameters

Device Name and connection Role (Master/Slave) available.

## Software download

Download the latest version of setup for PC software from our website

## Order Information

Buy online from [www.eikonsite.it](http://www.eikonsite.it) or contact your local reseller.

Code	Interface
BLUEMAX10	DB9 Female (DCE)
BLUEMAX11	DB9 Male (DTE)

Custom versions are available on request

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