

Description

The BLUEMAX05 is a professional, slim, wireless module ready to be plugged into a serial port device.

Configuration software included. Installation drivers not needed.



Applications

BLUEMAX05 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 76 X 62 X 20 mm
Connector DCE 9 PIN Female

2 RS232 cables provided
- Male to Female Straight cable
- Male to Male Crossed cable

Power supply, CD Rom with software provided

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)

Features

- Bluetooth wireless RS232 Adapter
- Class1 100m Range
- 5V .. 12V external power supply
- DB9 (pin 9) internal power supply
- Data communication Serial RS232
- RS232 DCE Female Connector

Led status

GREEN	Power on
ORANGE	Setup/Configuration Mode
BLUE	Bluetooth connection and data transfer

Electrical

Current	TX 115 mA Typical RX 75 mA Typical Standby 15 mA
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Certifications: FCC, CE, BQB

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

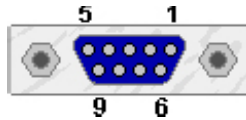
Storage -10°C +70°C (Humidity 5% - 90% non condensing)

Operation 0°C +60°C

Power

Connect GND and Power supply 5–12 V DC external or internal via DB9 pin9 (Ring signal pin)

RS232 Pin assignment and description (DB9 Female Connector)



Pin	Name	In-Out	Description
1	CD	Out	Received Line signal detect
2	TXD	Out	Transmitting Data
3	RXD	In	Receiving Data
4	DTR	In	Data Terminal Equipment (DTE) Ready
5	GND	—	Ground (0 V)
6	DGR	In	Data Communication Equipment (DCE) Ready
7	CTS	Out	Clear to Send (used if hardware flow control enabled)
8	CTS	In	Ready 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 BLUEMAX05
- "Out" Direction means signal transmitted by BLUEMAX05

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 :
www.blue2bfree.com/cms/data/bluemax0520.exe

Order Information

To order BLUEMAX05 please send us a description of your system or your application and we'll suggest you the best solution.

Buy online from www.eikonsite.it or contact your local reseller.

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