

Arduino Bluetooth Shield

User Manual



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Introduction

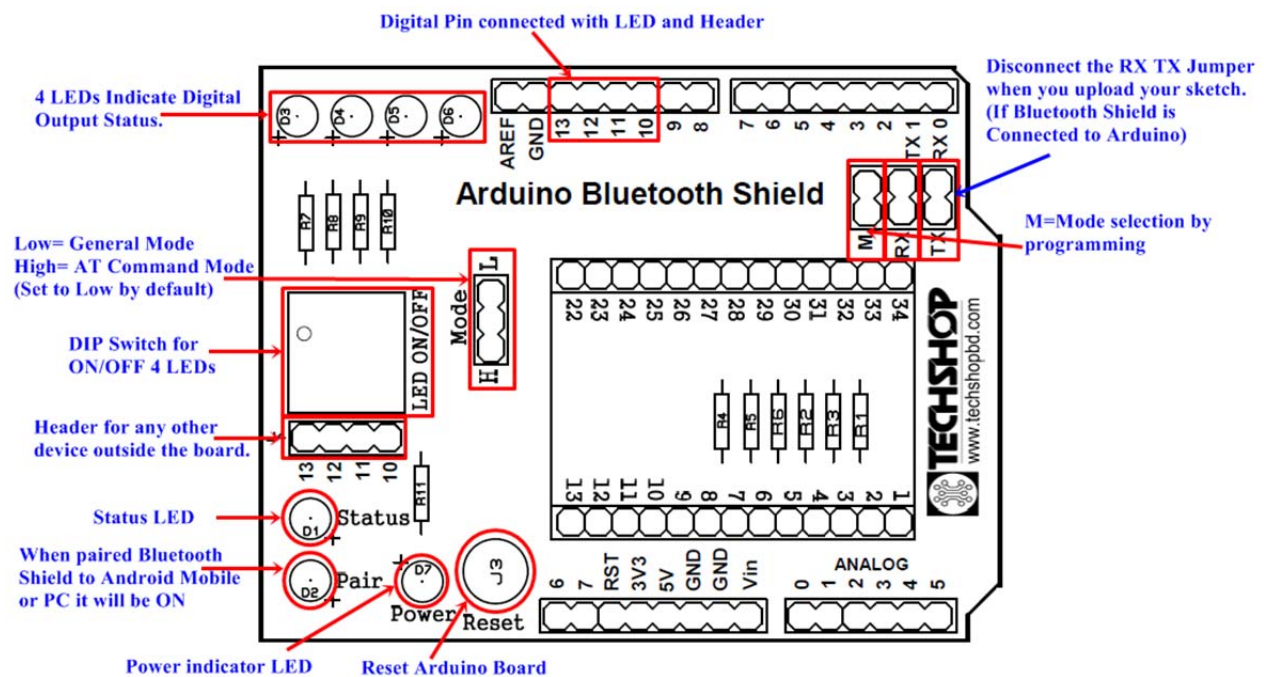
The Arduino Bluetooth Shield integrates a Serial Bluetooth module. It can be easily used with Arduino/Seedstudio for transparent wireless serial communication. The shield also has two way headers which allows you to access the pins of the arduino board. High and Low mode can be selected by a selector switch. This board features three indicator Leds. These are:

- 1)**Power:** This Red Led turns on as soon as the board is powered.
- 2)**Status:** This Green LED. Flashes at different rates to indicate different status like searching, config, connected.
- 3)**Pair:** This Orange LED starts to blink when the arduino is paired with any other bluetooth device.

This shield also features 4 Green LED array which can be turned on or off with a 4-position DIP switch. With the help of a four pin connector you can connect the shield with any other device outside the board.

Features

- Input Voltage: 3.3V
- Baudrate: 9600, 19200, 38400, 57600, 115200
- Device Name: **Arduino Bluetooth Shield** (Device For Search)
- Seeduino/Arduino compatible
- Up to10m communication distance in house without obstacle
- Default Baud rate: 9600, Data bits: 8, Stop bit: 1, Parity: No parity
- Default PIN Code:"**1234**"
- A full set of configuration commands
- On board PCB Antenna



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Output for AT command mode

