Manuals+ — User Manuals Simplified.

MB0200 BBC micro bit User Manual

Contents

GENERAL INFORMATION

REQUIREMENTS:

- A laptop or PC running Windows 7 or later, OS X 10.6 or later, ChromeOS (Chromebook), Linux (with a recent browser and USB storage support), Android or iOS
- An `A Male' to `micro B' USB cable to connect your computer to your BBC micro: bit. This is the same cable that is commonly used to connect a smartphone to a computer
- Access to the internet
- Operating frequency: 2.402.0-2480.0MHz
- Output power: 4dBm

POWERING YOUR BBC MICRO: BIT

- When your BBC micro: bit is not connected to your computer with a USB cable, you will need 2 x AAA batteries to power it
- Find out how to use the BBC micro: bit at microbit.org/start

SAFETY INSTRUCTIONS IMPORTANT: PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE

- Do not place any metal objects across the BBC micro: bit battery socket
- Do not place any metal objects across the printed circuit board and the board components as this can cause the board to fail
- Do not use your BBC micro: bit in water or with wet hands
- Do not leave your BBC micro: bit plugged into a USB device unsupervised
- Please handle your BBC micro: bit by its edges, taking special care when it is plugged into a power supply
- All leads and accessories used with your BBC micro: bit should meet the relevant local standards
- Please use third-party products and accessories with caution, ensuring to review before purchase to ensure compatibility and read all associated safety information
- Please do not leave your BBC micro:bit within reach of children under 8 years
- Only connect your BBC micro:bit to a power supply rated at 3Volts dc
- The maximum current safely supplied to an external circuit using the 3V pin on edge connector is 200mA Please do not store or use your BBC micro:bit in extremely hot or cold environments

BATTERY WARNINGS

- Only use zinc-carbon or alkaline batteries with your BBC micro:bit
- To remove the battery pack pinch the connector with your fingers
- Do not remove by pulling the wires
- Please do not mix different types of batteries or mix new and used batteries
- Please insert batteries the correct way round
- Please remove spent batteries from the battery holder
- Do not place any metal objects across the terminals as this may short-circuit the battery supply
- Do not try to charge normal (non-rechargeable) batteries

CAUTION

General Battery Guidance

- Do not replace batteries with an incorrect type.
- Do not dispose of batteries into fire or a hot oven, mechanically crush or cut them. This can result in an explosion.
- Do not leave batteries in an extremely high-temperature environment. This can result in an explosion or the leakage of flammable liquid or gas.
- Batteries subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

FCC COMPLIANCE STATEMENT
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions or satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Changes or modifications not expressly approved by the party responsible for compliance could

void the user's authority to operate the equipment.

ISED COMPLIANCE STATEMENT
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

ISED RADIATION EXPOSURE STATEMENT
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

SIMPLIFIED EU DECLARATION OF CONFORMITY
Hereby, micro:bit Educational Foundation, declares that this device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU. A full copy of the Declaration of Conformity can be found at **http://microbit.org/hardware/**

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CAN ICES-3(B)/NMB-3(B)
Micro: bit Educational Foundation
Model: V2.0
FCC ID: 2AKFPMB0200
IC: 22493-MB0200
Manufactured in PRC

 Correct Disposal of this product: This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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Documents / Resources

Micro Bit MB0200 BBC micro bit [pdf] User Manual
MB0200, 2AKFPMB0200, MB0200, BBC micro bit, micro bit, bit

References

- [Compliance | micro:bit](#)
- [Set up | micro:bit](#)

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