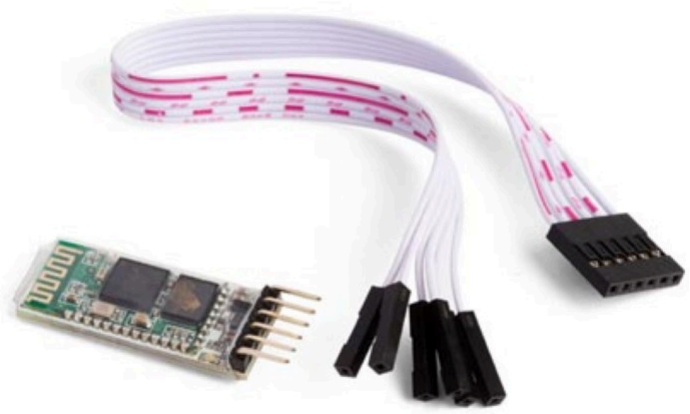
HC-05 Bluetooth Transmission Module, 2.45 GHz, 10 m range, CSR BC417 chip, integration module for microcontroller

WPI302









Product description

Easily integrate a microcontroller into a Bluetooth network with the HC-05 transmission module. Designed with the powerful CSR BC417 Bluetooth v2.0 chip, it operates at a frequency of 2.45 GHz and can achieve a range of up to 10 meters in open field.
The module offers secured authentication and a Bluetooth serial port profile. Whether you're a professional or just starting out, the HC-05 is user-friendly and requires no coding or specialized skills.

+ Powerful chip: Equipped with CSR BC417 Bluetooth v2.0 for optimal performance.
+ Secure connection: Provides secured authentication for a reliable connection.
+ User-friendly: No specific skills required, plug-and-play functionality.
+ Made in Belgium: Whadda is a unique brand from Belgium's Velleman Group that offers DIY projects for hobbyists or makers who want to immerse themselves in electronics, programming and mechanics.
+ STEM project: Develop and improve your STEM skills and acquire the knowledge, skills and experience needed to face the technological challenges of the future with this educational kit. This educational kit will trigger a number of processes such as problem-solving, investigative and creative thinking.

Specifications

Physical properties	
Primary colours	Green
Additional colours	Black
Weight unit	32 g
Performance & Technical Specs	
Coding skill level	none
Electronics skill level	none
Mechanics skill level	none
Soldering skill level	none
Specifications kits & modules	Specifications • frequency: 2.45 GHz • asynchronous speed: max. 2.1 Mbps • security: authentication • profile: Bluetooth Serial Port • power supply: 3.6 - 6 VDC • working temperature: max. 60°C • chip: CSR (Cambridge Silicon Radio) BC417 bluetooth v2.0 • open field range up to: 10 m • Data signal voltage (Tx & Rx): 3.3 VDC
Installation & Mounting	
Instruction manual languages	English

Velleman vs. Whadda SKU
overview file

Bar code

- Bar code (EAN-13):5410329725730

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