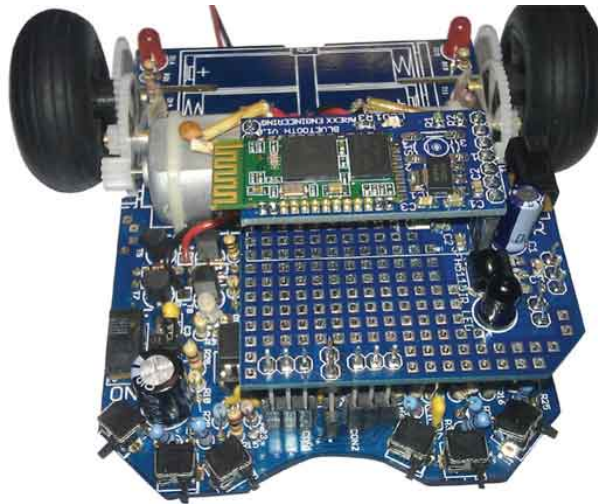


ARX-WRL

Advanced Wireless Kit



ARX with BT3

WRL Capabilities:

Read and transfer data to and from a PC or Android phone

Cruise around via Android phone control

Overview:

This very complete “wireless” radio set enables you to install an APC-220 or a Bluetooth®* compatible module on the ARX or AAR Arduino robots. With this module you can not only communicate via an infrared link with your robot but also via RF waves. The advantage of RF high frequency waves is that the transmitter and the receiver do not need to be in visual contact. Learn all about wireless communication with this wireless kit.

BT3 Module Features:

- Bluetooth®* Compatibility
- Max 15 Meter (Transmit Class 2)
- 1200 to 115200 baud
- QFSK Modulation
- Auto Reconnect
- Sensitivity: 80 dBm
- 1.8V - 3.6V I/O Voltage
- 3.15 - 3.3V Supply Voltage
- 2.4 GHz On-Board Antenna

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ARX-WRL CD



ARX-WRL

ARX-WRL comes with the following items:

ARX Wireless Kit

RP6V2 USB Program Adapter

2 pcs. APC-220 Module

2 pcs. Bluetooth® Compatible Module (master and slave)

CD



ARX with APC-220

APC-220 Module Features:

- Max. 120 Meter @1200 baud
- 1200 to 57600 baud (UART)
- 1200 to 19200 baud (AIR)
- QFSK Modulation
- UART/TTL Interface
- 256 Bytes Data Buffer
- Embedded Watchdog
- 3.3V - 5.5V/ 25-35 mA
- 418.00 to 455.00 MHz



Complete ARX-WRL Kit



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