

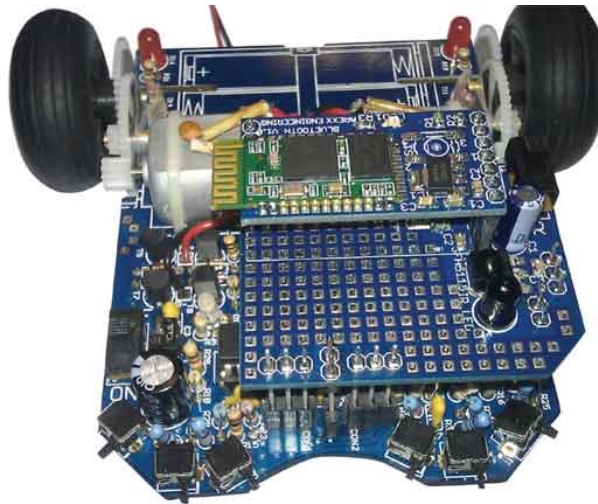
# ARX-WRL

## Wireless APC-220 & Bluetooth Compatible Kit

### WRL Capabilities:

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

Cruise around via Android phone control



ASURO with BT3

### Overview:

This very complete “wireless” radio set enables you to install an APC-220 or a Bluetooth compatible module on the ASURO 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:

- 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

ARX-WRL CD



# ARX-WRL

**ARX-WRL  
comes with  
the  
following  
items:**

ASURO  
Wireless Kit

RP6v2 USB  
Program  
Adapter

2 pcs. APC-  
220 Module

2 pcs.  
Bluetooth  
Compatible  
Module  
(master and  
slave)

CD



ASURO 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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