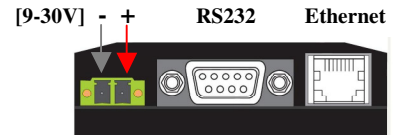


Quick Setup Guide



Wireless Network Platform

Configure computer IP address for configuration

By default the WNP uses DHCP. If no DHCP server is found it will fall back to static IP settings which, by default, are; IP address: 10.0.0.100, subnet mask: 255.255.0.0. If DHCP is enabled, and no address has been acquired, the WNP will try to get IP settings after a successful PAN connection.

1. For static IP address only: change the computer IP address to 10.0.X.Y and the subnet mask to 255.255.0.0 where X can be in the range 0 – 255 and Y can be in the range 1 – 254.

Setting up a multipoint Network Access Point

This setting makes it possible for up to 7 Bluetooth devices to connect to a network. This is the default setting and nothing needs to be done.

Setting up an Ethernet bridge

This is used for transferring data between two Ethernet connections. Both units should be configured as PANU for best performance.

1. Power up one of the WNPs and connect it to your network or PC. If connected to a PC, a Ethernet crossover cable must be used.
2. Go to the main web page by writing "10.0.0.100" in the address field of Internet Explorer.
3. Press the link named "Bluetooth".
4. Enter username "admin" and password "admin".
5. Change "PAN role" to "PANU" and then press "Save".
6. Press the "Reset" link and press the "Reset" button. Disconnect the Ethernet cable and make sure the LED turns green again.
7. Switch to the second device and repeat 1 – 5.
8. Press the link named "Connections" and then press the "Search" button, this will take a few seconds.
9. When the other WNP is found, press the "Add" button, check the "PAN" checkbox and press "Save".
10. Press the "Reset" link and press the "Reset" button. Make sure the LED turns blue.

Setting up a Direct Connection

Use this when you would like to access a network using a PC or PDA.

1. Power up the WNP and wait until the led is solid green.
2. Pair your Bluetooth device with the WNP. (Enter the menu "Add a Bluetooth Device" if you're using Windows XP). The default pin code is 0.
3. Join the "Personal Area Network" and you'll be able to start accessing the network.

Setting up a Terminal Server (TCP/IP to Serial Port/Bluetooth Serial Port)

This setting connects a PC's virtual COM port to a Bluetooth Serial Port Adapter. By default port 2000 is configured to the local DSUB.

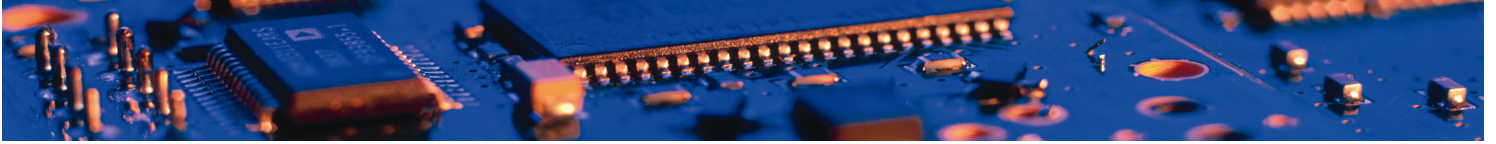
1. Enter the "Connections" configuration page again and press "Search".
2. Press the "Add" button next to the desired devices, check the TS checkbox and choose a TCP port number for the TCP. Press "Save".
3. Press the "Reset" link and press the "Reset" button. Make sure the LED turns green again.
4. To test the configuration, use the HyperTerminal and set up a TCP/IP connection to the AP. The AP should now connect to the device(s). It's also possible to use software like the com0com (and com2tcp) to install a virtual COM port, please refer to <http://com0com.sourceforge.net/>.

Reset to factory defaults

This allows the user to reset all configuration to factory defaults. Only available for devices with RS-232.

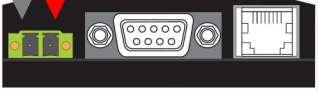
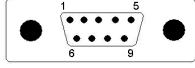
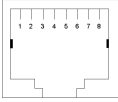
1. Power off the unit.
2. Shortcut RD and TD on the DSUB and power on again. Wait until the status led has become solid green.

System Status LED	
Solid green	the device has started successfully
Flashing green and blue	trying to connect to another Bluetooth device
Solid blue	Bluetooth connection is established
Flashing blue	sending data
3 green flashes and 1 blue	configuration changed, waiting for reset
Flashing green	your device has entered a faulty state



Installation guide

Wireless Network Platform

<p>[9-30V] - + RS-232/422/485 Ethernet</p> 	<p>This equipment is suitable for use in Class 1, Division 2, Groups A, B, C and D OR non-hazardous locations only.</p> <p>WARNING – EXPLOSION HAZARD – Do not disconnect equipment unless power has been removed or the area is known to be non-hazardous.</p>
<p>Power 9-30 V DC Use a torque value of min 0.22 Nm to fasten the power connector.</p> <p>Field Wiring terminals to use Copper Conductors only, wire AWG14, minimum temperature rating 60°C</p>	<p>WARNING – EXPLOSION HAZARD – Substitution of components may impair suitability for Class 1, Division 2.</p> <p>Open Type Device – This device is to be mounted into an enclosure suitable for the location where it is installed.</p>
<p>DB-9:</p> 	<p>RJ-45:</p> 
<p>RS-232: Pin 1: NC, not connected Pin 2: RD, input, receive data Pin 3: TD, output, transmit data Pin 4: NC, not connected Pin 5: GND, ground Pin 6: NC, not connected Pin 7: RTS, output, request to send Pin 8: CTS, input, clear to send Pin 9: NC, not connected</p> <p>RS-422/485 Pin 1: R-, input, receiver Pin 2: T-, output, transmitter Pin 3: NC, not connected Pin 4: NC, not connected Pin 5: NC, not connected Pin 6: R+, input, receiver Pin 7: NC, not connected Pin 8: T+, output, transmitter Pin 9: NC, not connected</p>	<p>Pin 1: TX+, output, transmitter Pin 2: TX-, output, transmitter Pin 3: RX+, input, receiver Pin 4: NC, not connected Pin 5: NC, not connected Pin 6: RX-, input, receiver Pin 7: NC, not connected Pin 8: NC, not connected</p> <p>Mounting instructions</p> 