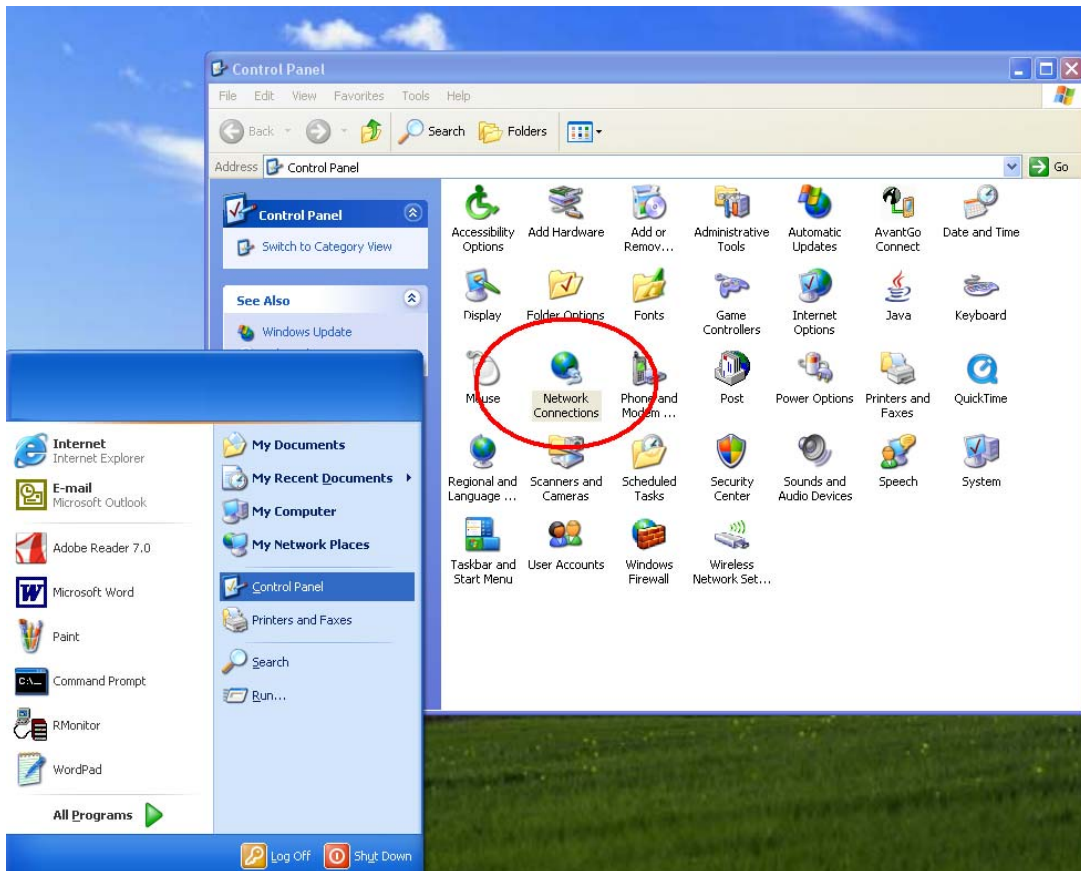# TCP/IP NETWORK SETTINGS

1) General Guidelines:

-The IP Address of the timing PC and the decoder should be in the same IP range, which means that only the 3 last digits of the IP Address of the timing PC and the decoder number should differ.
-The value of the last digit is between 0 and 255
-The IP Address of the timing PC and the decoder should not be the same
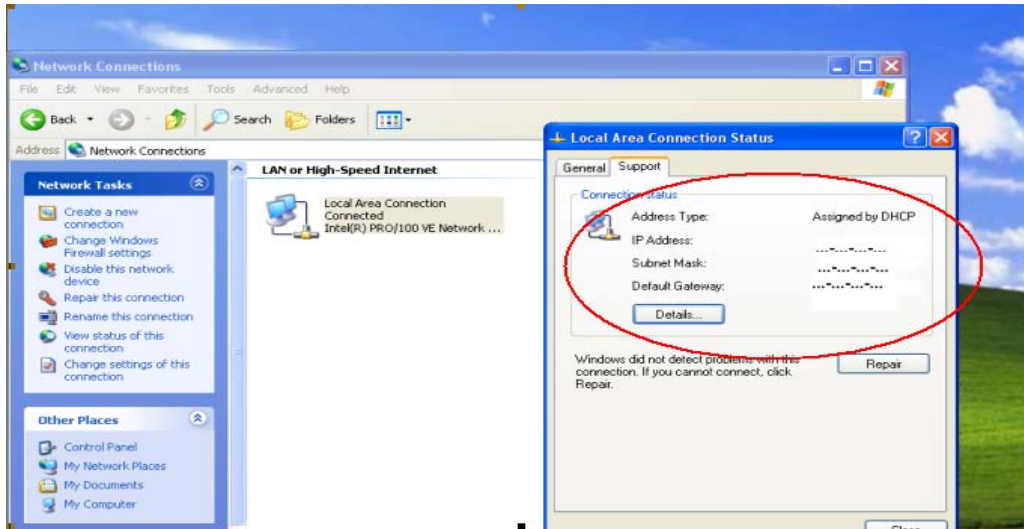-The recommended Subnet Mask is 255.255.255.0

For example:
If he timing PC's IP Address is: 192.168.9.0, the IP Address of the decoder start with 192.168.9. and can have the values 192.168.9.1 to 192.168.9.255

2) Retrieve the TCP/IP Settings of my computer

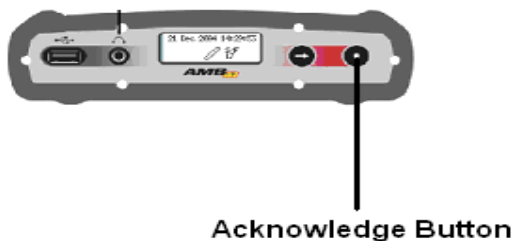Go to the Start menu and select Control Panel, Select Network Connections

Double-click the Local Area Connection, a dialog Local Area Connection Status will be displayed, go to the Support Tab
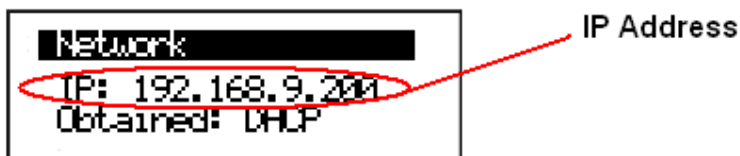

The Support section will display the IP Settings of the timing computer.

3) **Retrieve the TCP/IP Address of a TranX3 decoder**

The TCP/IP Address information can be shown on the decoder's display:

Acknowledge Button

Press the acknowledge button on the decoder, the display should indicate the Network settings:

IP Address

Network
IP: 192.168.9.201
Obtained: DHCP

4) **Retrieve the TCP/IP Settings of the TranX2 decoder**

The TCP/IP Settings can be retrieved by using the Program Decoder Wizard:

Following steps describe how to have live results automatically uploaded to the data server:
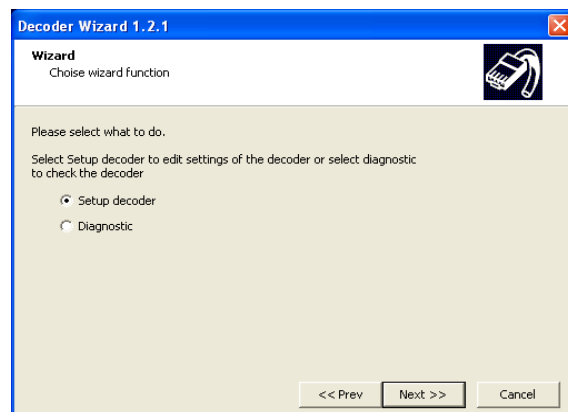
Step 1:

Start the Decoder Wizard: If you don't have this program, you can find it in the download section of the Support website
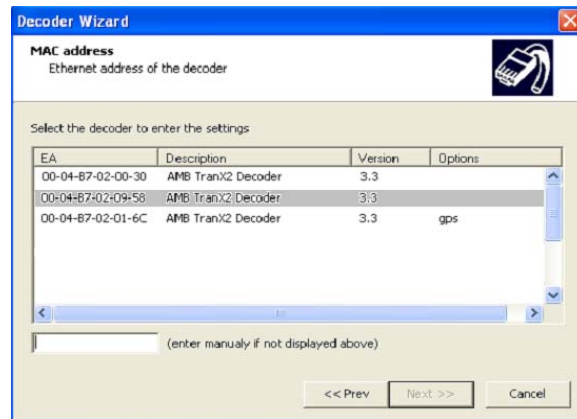

-Click 'Next'

Step 2:
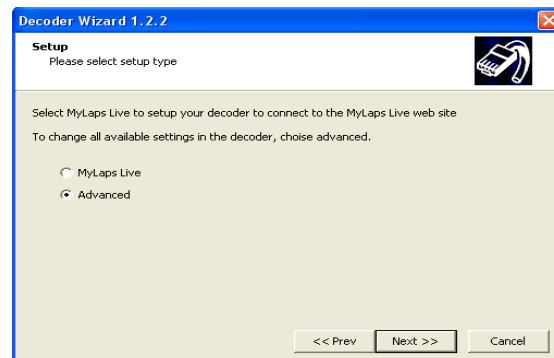
-Select 'Setup decoder'

-Click 'Next'

Step 3:

- Select the decoder you want to connect to

- Click 'Next'
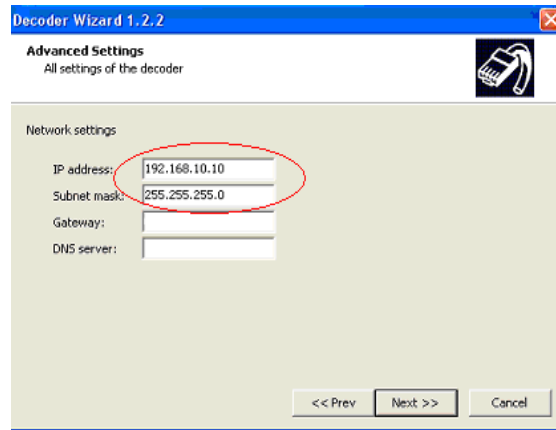
Step 4:

-Select 'Advanced'

-Click 'Next'

The TCP/IP Settings of the decoder will appear

5) Changing the TCP/IP Settings:

> **Changing the TCP/IP Settings of a computer can have severe consequences, specially if the computer is part of a Computer Network, or if the computer connects to the Internet!!**

> **If the IP Address of the timing computer and the decoder are not in the same IP range, we recommend to change the TCP/IP settings of the decoder.**
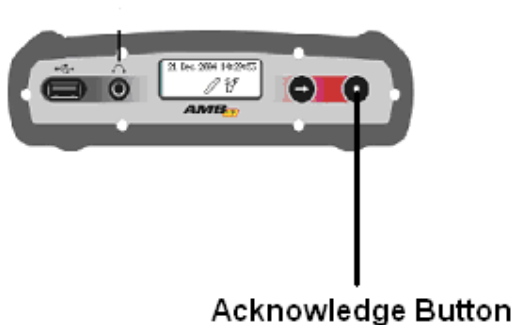
5.1) Changing the TCP/IP Settings of the TranX3 decoder

> MYLAPS recommends to have TCP/IP Settings of the TranX3 decoder set to "Automatic".

> The settings will be optimized, and in 99% of the cases, it won't be necessary to change the TCP/IP Settings of the decoder.

> To check if the settings are set to automatic:

> -Press the Acknowledge Button 1 time

Acknowledge Button

> The display will show the Network settings of the decoder:

> If the settings are set to automatic and the decoder is connected to a TCP/IP Network with a DHCP server, Obtained will say DHCP

Network
IP: 192.168.9.200
Obtained: DHCP

If the settings are set to automatic and the decoder is directly connected to the timing computer, Obtained will say APIPA

5.2) Changing the TCP/IP Settings of the TranX2 decoder

The TCP/IP Settings of the TranX2 decoder can be changed in the Advanced Settings in the program Decoder Wizard

Step 1:
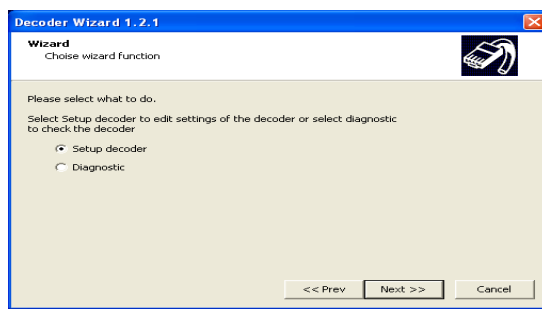
Start the Decoder Wizard:
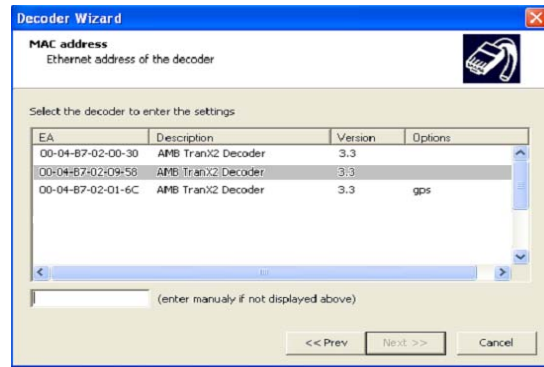

-Press 'Next'

Step 2:

Select 'Setup decoder'

-Press 'Next'

Step 3:

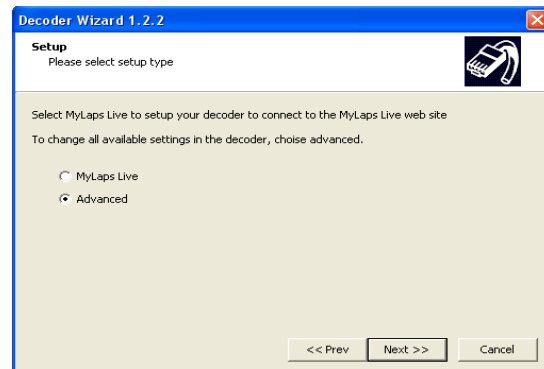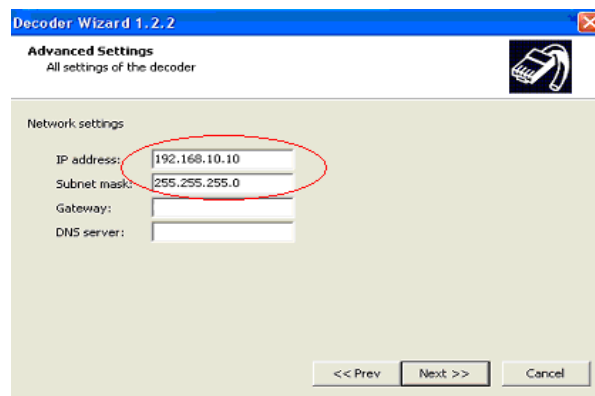Select the decoder you want to connect to

-Press 'Next'

Step 4:
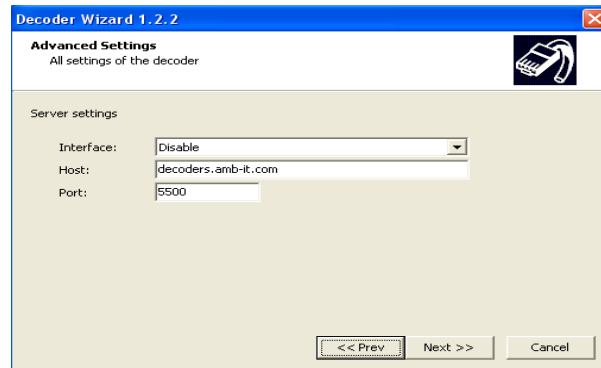
-Select 'Advanced'

-Press 'Next'

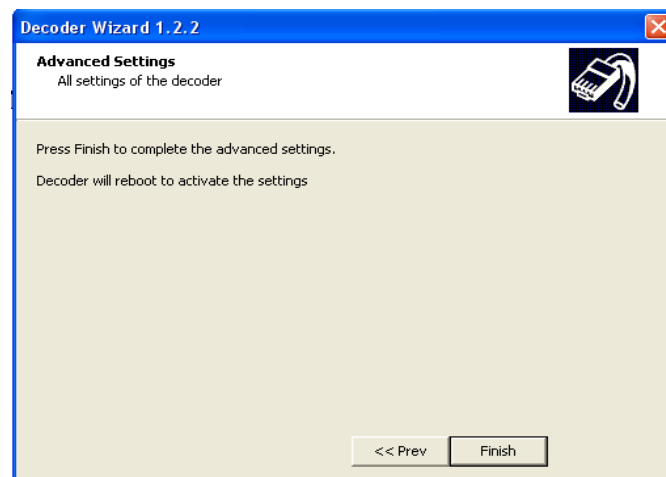Following screen shows the TCP/IP Settings of the decoder

-Change the Settings by typing the new IP address

- Press "Next"

-Press "Next"

-Press "Next", the decoder will reboot and the new settings will be implemented