

K2 - TCP/IP (Network) connection with an AMB TRanX-2 decoder

Windows local network settings for connecting to an AMB decoder

1. Right click on your local area connection and click on 'Properties'
2. This will open the 'Local Area Connection Properties' window
3. In the 'This computer uses the following items' list make sure that 'QoS Packet Scheduler' is NOT checked (If present)
4. Make sure the 'Internet Protocol' item is present and checked
5. Select the 'Internet Protocol' item and click on 'Properties'
6. Select the 'Use the following IP address' item
7. Enter the following values:

IP Address: 192.168.1.xxx (between 2 and 256, avoid 10 since it is often used by AMB decoders)
Subnet mask: 255.255.0.0 (Notice the two zeros '0' instead of the usual 255.255.255.0)

Note: Every computer in your network needs to use a different value for the above xxx field.

8. Click on 'OK' to close the 'Internet Protocol Properties' window
9. Click on 'Close' or 'OK' to close the 'Local Area Connection Properties' window
10. You might have to re-start your computer for changes to take effect

Now select between A or B

A. Single computer connection

1. Power up the decoder and computer
2. Connect the AMB provided network cable (black with red connectors, this cable is a peer-to-peer network cable)

B. Multi-computer connection (the AMB decoder will accept a maximum of 4 connections)

1. Power up the decoder and computers
2. Using regular network cables (the typical blue RJ45 type), connect the computers and the decoder to a network hub/switch

These steps are the same for both single and multi-computer connections

3. On the network connector of the decoder a green (or amber) light should light
4. Start K2, from the main menu select 'View', 'Settings' and select the 'Timing Hardware' tab
5. Make sure the 'AMB TranX' system is selected
6. In the 'Communication port' select 'TCP/IP'
7. Click on 'Scan IP' (If the button is not there, install SP11 and re-start K2)
8. The IP address of the decoder will be detected and automatically entered in the 'IP address' field.
9. Click 'Test' to make sure the decoder is properly connected
10. Press 'Save and exit'