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AIRLEADER MASTER module

Direct connection to PC/laptop

(Single PC solution)



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AIRLEADER MASTER module direct connection to PC/laptop via Ethernet interface

This short guide describes the procedure and the settings that need to be made in order to connect your PC/laptop directly to the AIRLEADER master module.

The essential steps are

1. Establish ETHERNET connection via crossover (!) cable.
2. On the PC/laptop: Adjust the network connection (do not obtain the IP address automatically!).
3. Test the connection by pinging the Airleader
4. (If necessary, reset the network connections (laptop) so that the laptop behaves normally again in the usual network environment.)

and are described in detail below.

1. Establish ETHERNET connection via crossover (!) cable.

First you need a network crossover cable. Since the connection behaves like a direct connection between two PCs, the connection cannot be made via a normal network patch cable.

Now connect your PC to the Airleader.

2. On the PC/laptop: Adjust the network connection (do not obtain the IP address automatically!).

Call up the network dialog on the AIRLEADER using the key combination [+/-] [8] followed by the key [E]:

7.05 bar 37.2 m3/min

PROGRAMMING FACTORY SETTINGS

IP address = 192.168.0.100

Subnet mask = 255.255.255.255

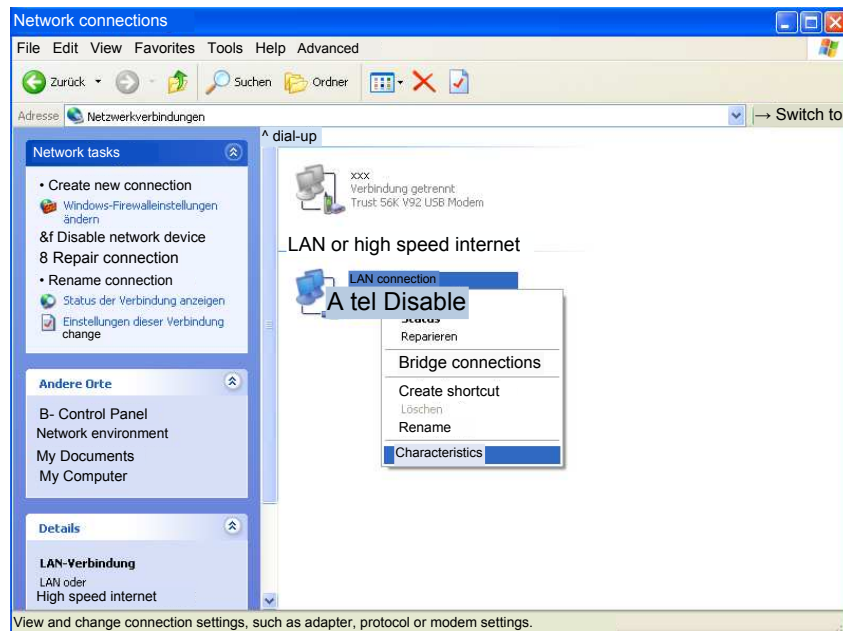
Default gateway = 192.168.0.1

DEW POINT 1.3 °C ROOM TEMPERATURE 18.7 °C

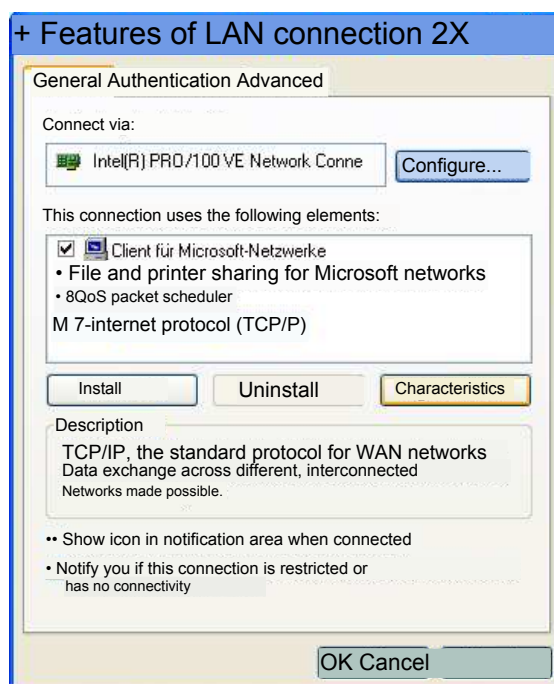


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On your PC, open the properties dialog for your network card via Start -> Settings -> Control Panel -> Network Connections by right-clicking on the symbol:



In the properties dialog, select “Internet Protocol TCP/IP” and click Properties:





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Click "Use the following IP address:".

Equalize the values for:

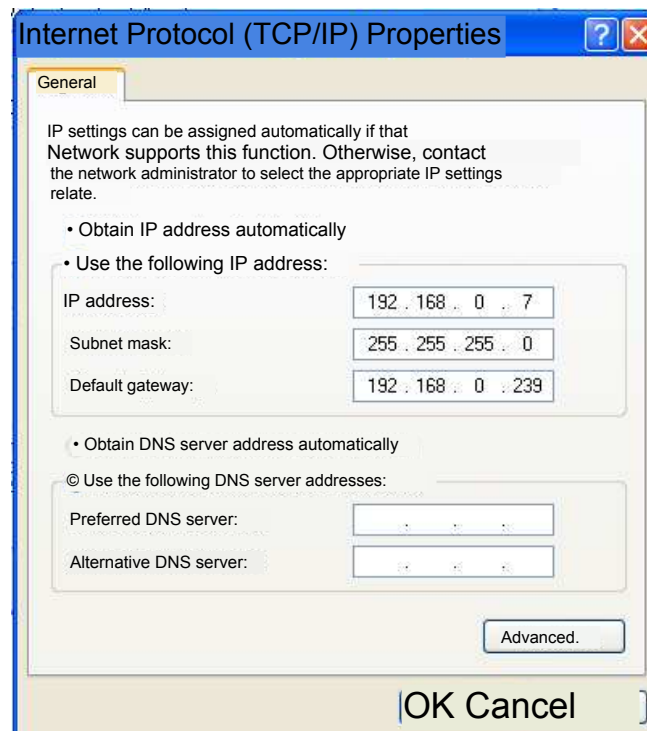
Subnet mask and

Default gateway

to the settings in the AIRLEADER.

ATTENTION: The last digit of the IP address of your PC/laptop should be different from that of the AIRLEADER:

Example: Airleader IP =
192.168.0.100 PC/Laptop IP =
192.168.0.101



Leave the dialog with "Ok". Close all open windows.



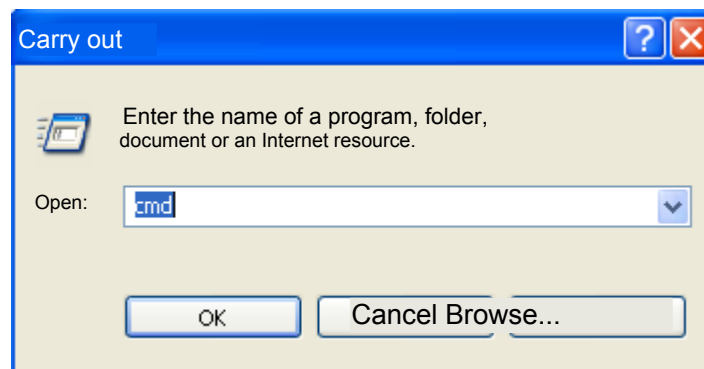
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3. Test the connection by PINGing the Airleader

Go to "Start" on your PC and select Run.



Enter cmd in the input line and confirm with OK





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In the DOS box that appears, enter the command ping followed by a space and the IP address of the AIRLEADER. Press the Enter key.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Andreas>ping 192.168.0.100_
```

If all settings were correct, your DOS box should look something like this after about 2-3 seconds

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Andreas>ping 192.168.0.100
Pinging 192.168.0.100 with 32 bytes of data:
Response from 192.168.0.100: Bytes=32 Time<1ms TL=64
Antwort von 192.168.0.100: Bytes=32 Zeit<1ms TTL=64
Answer from 192.168.0.100: Bytes=32 Time<1ms TTL=64
Response from 192.168.0.100: Bytes=32 Time<1ms TTL=64
Ping statistics for 192.168.0.100:
    Pakete: Gesendet = 4, Received = 4, Lost = 0 (0% loss),
    approx. times in Millisek.:
        Minimum = 0 ms, Maximum = 0 ms, Average = 0 ms
C:\Documents and Settings\Andreas>-
```

The AIRLEADER – PC/laptop connection is now successfully completed.



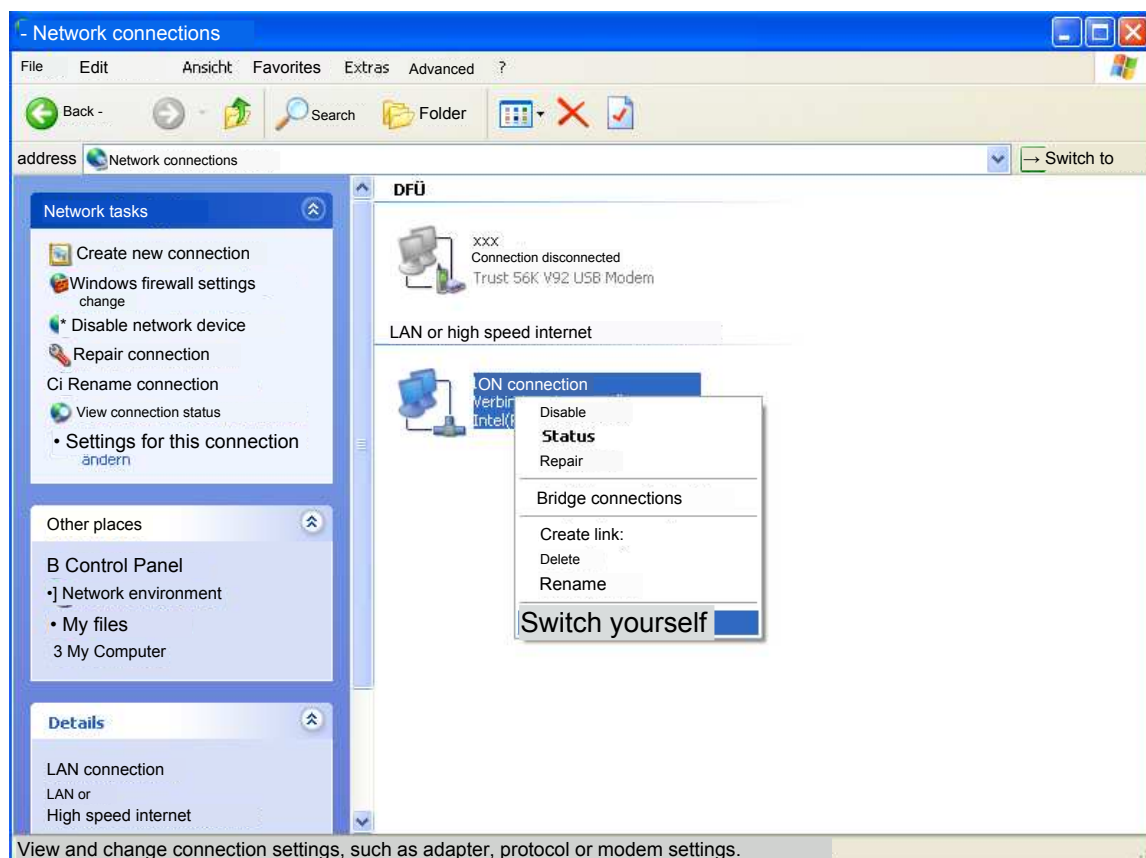
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4. (If necessary, reset the network connections (laptop) so that the laptop behaves normally again in the usual network environment.)

If you have separated the connection to the AIRLEADER again (crossover cable), then reset the network connections to their original state so that your computer can log in again in the usual network environment.

The most common setting is the one described below:

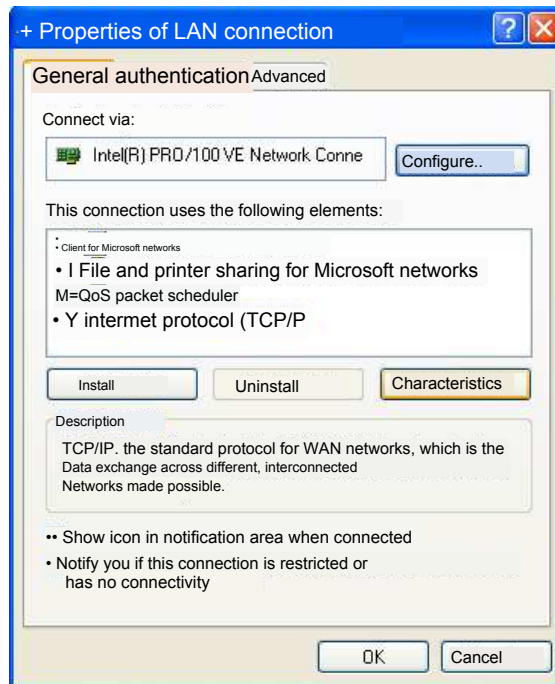
On your PC, open the properties dialog for your network card again via Start -> Settings -> Control Panel -> Network Connections by right-clicking on the symbol:



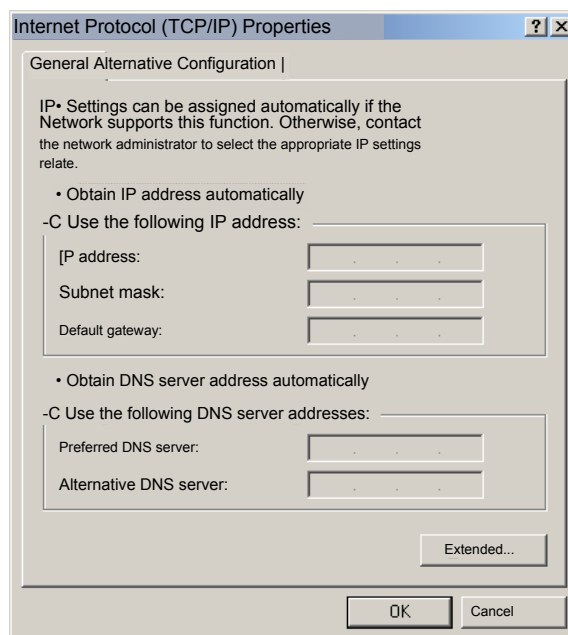


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In the properties dialog, select “Internet Protocol TCP/IP” and click Properties:



Click “Obtain an IP address automatically:”.



Leave the dialog with “Ok”. Close all open windows.