License agreement for use of Siemens Installation Tool IBS for Touch-Manager wave

We must point out that by opening the CD package you agree to be bound by the terms and conditions of the following license agreement.

1. Rights to use

Siemens shall grant the customer non-exclusive, restricted rights to use in respect of the software. Any usufructuary rights not expressly granted shall remain with Siemens as owner of copyright or as licensee of the owner of copyright.
You are entitled

- to install the Software on a PC, in accordance with the installation instructions provided, and
- to make a copy of the CD-ROM for backup purposes.

2. Unauthorized use

Without the written consent of Siemens you are not entitled

- to make copies of the software other than for backup purposes,
- to distribute or to hire out the Siemens software or documentation, or in any impermissible way to make it available to third parties,
- to duplicate or transmit the manual, in whole or in part, by electronic or mechanical means, by photocopying or by any other method of recording.

Impermissible use of the software excludes any liability claims.

3. Warranty

Siemens shall assume no warranty concerning the suitability of the software or of the datasets and files comprised therein. If any defects in material or manufacturer are found on the CD-ROM within 24 months following shipment, the CD-ROM will be replaced free of charge.
The information contained in the manual is subject to change without notice. Siemens does not enter into any obligation in this respect.

4. Liability

In the context of this license agreement Siemens shall be liable only for intent and gross negligence, including where the suitability of the software (and of the datasets and files comprised therein) is concerned. Siemens shall under no circumstances assume any liability for damage attributable to unauthorized use.
Siemens shall not be liable for indirect or consequential damage, e.g. production stoppage or loss of profits.
Claims for compensation on the part of the customer going beyond the scope of those expressly specified in this agreement, regardless of legal grounds, especially for any damage resulting from advisory services, from support in introduction of the software or attributable to software defects or to faults in the documentation, shall be excluded. This shall not apply in cases of intent, gross negligence or the absence of warranted characteristics, where liability is cogent.

Regensburg, April 2006 Siemens Aktiengesellschaft

Table of Contents

D
GB
E
F
NL

1 Product and Functional Description

The Touch-Manager wave is a device for the operation and monitoring of EIB-TP and KNX-RF devices. 70 actuator channels, 7 room temperature controllers and 40 sensor channels are supported.
In combination with any terminal that has a browser with HTML4 capability and is connected in the same local network as the Touch-Manager wave, it is possible to control the connected bus system remotely with the Touch-Manager wave and to configure the Touch-Manager wave remotely. Remote operation and parameterisation is also possible via the Internet for networks with the appropriate configuration.
Further services are available via the Touch-Manager wave when used together with a server.

The Touch-Manager wave is available in the following versions:

UP 580, monochrome display	5WG3 580-2AB71
UP 581, colour display	5WG3 581-2AB71
UP 582, monochrome display, additionally with EIB-TP connection	5WG3 582-2AB71
UP 583, colour display, additionally with EIB-TP connection	5WG3 583-2AB71

2 Further Information

http://www.siemens.de/gamma

3 Technical Specifications

3.1 Power supply

- External power supply:
  110 V ... 230 V AC +10% / -15%, 50 ... 60 Hz
- Bus voltage (optional): via the bus line

3.2 Operating elements

- Integrated, resistive touch panel
  (display with touch sensitive surface)

3.3 Display elements

- 5,7“ STN display with background lighting
- Resolution: 320 x 240 pixels
- Colour or black/white display, 256 colours or 16 grey tones

3.4 Connections

- Bus line: EIB bus terminal, screwless (optional)
  0.6 ... 0.8mm ∅ solid
- Power supply 230V (L,N,⏚):
  - screwless terminals
  - 0,5 ... 2,5 mm² single core or flexible conductor, 8 mm ultrasonically compacted
  - 0,5 ... 1,5 mm² flexible conductor with connector sleeve
  - 1,0 ... 1,5 mm² plain flexible conductor
- Ethernet connection: RJ45

3.5 Mechanical data

- Housing: plastic
- Dimensions (L x W x D):
  257 x 222 x 56 mm
- Weight: approx. 1100 g
- Fire load: approx 26000 kJ

3.6 Electrical safety

- Degree of pollution (acc. to IEC 60664-1): 2
- Type of protection (acc. to EN 60529): IP 40
- Protection class (acc. to IEC 61140): III
- Overvoltage category (acc. to IEC 60664-1): III
- Bus: safety extra-low voltage SELV DC 24 V
- Device complies with EN 50090-2-2 and EN 60950

3.7 EMC requirements

- Complies with EN 61000-6-3 and EN 61000-6-2

3.8 Ambient conditions

- Climatic withstand capability: EN 50090-2-2
- Ambient operating temperature: 0 °C … + 45 °C
- Storage temperature: - 20 ... + 70 °C
- Relative humidity (not condensing): 5% up to 93 %

3.9 Approbation

- Complies with KNX standard
  - radio frequency rf
  - easy mode push button EP

3.10 CE mark

- complies with the EMC regulations (residential buildings), low voltage regulations and R&TTE regulations:

  CE

  The CE declaration can be inspected at:
  SIEMENS AG
  Siemensstraße 10
  93055 Regensburg

D
GB
E
F
NL

4 Location and Function of the Display and Operating Elements

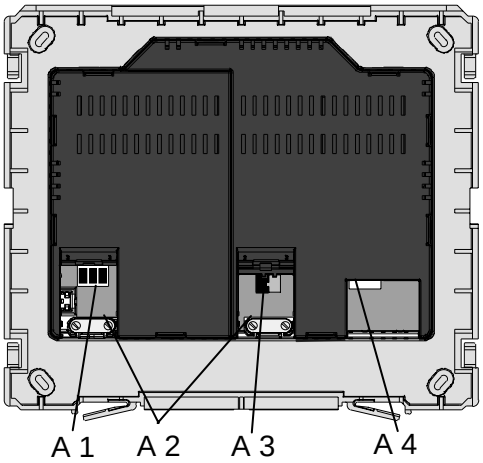


Figure 1: Location and Function of the Display and Operating Elements

A1 Mains terminal 110V – 230V
A2 Cable clamp
A3 Bus terminal: instabus EIB
A4 Ethernet connection TP / LAN: RJ45

5 Installation Instructions

The device may be used for interior installations, in dry rooms and for insertion in flush-type boxes.

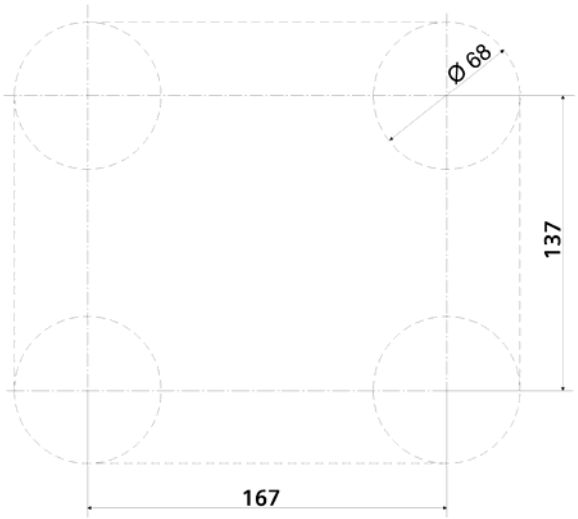


Figure 2: Drilling jig for cavity wall box for Touch-Manager wave UP 58x

Note:

- Any faulty devices should be returned to the local SIEMENS office.

⚠ DANGER

- The device may only be installed and commissioned by an authorised electrician.
- The device may only be used in connection with the named accessories, in particular the flush-type box.
- 230V devices which are not included with supply may not be inserted in the flush-type box. It is also not possible to loop through 230V cables.
- The prevailing safety and accident regulations should be observed.
- The mains voltage may only be connected to the supply if the device has been fully installed.
- Electrical isolation should be ensured between the bus cable and the 230V power supply

6 Mounting and Wiring

6.1 General description

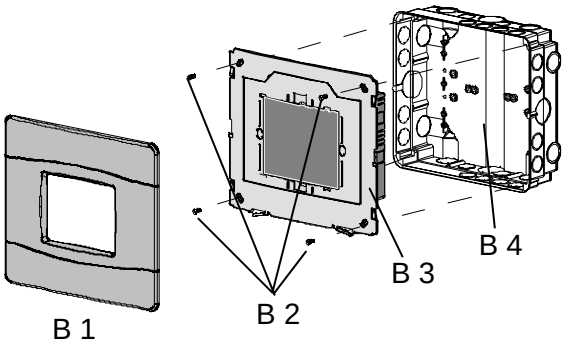


Figure 3: General description

B1 Cover
B2 Fixing screws
B3 Touch-Manager wave
B4 Switch box (flush-type box)

The device installation may only be carried out in flush-type boxes that should be ordered separately (Kaiser, http://www.kaiser-elektro.de).
Order numbers:
Connecting box, flush-mounted: Ref. no. 1097-92
Connecting box, cavity walls: Ref. no. 9197-91

When inserting the cable in the device box, it should be ensured that the knockouts are carried out in the vicinity of the terminals.

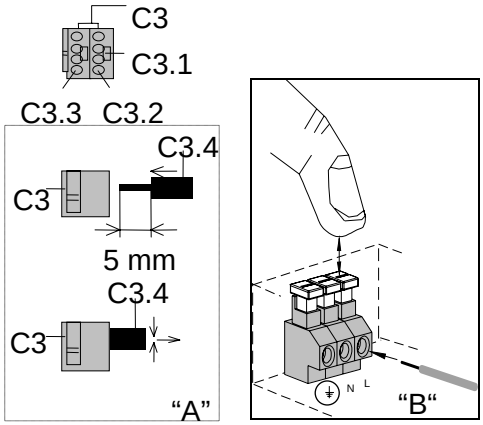


Figure 4: Connecting bus cable and mains

Connection of the bus cable (Figure 3 „A“, optional design)
- The bus terminal (C3) is suitable for solid conductors with 0.6 ... 0.8 mm Ø
- Strip approx. 10mm of the sheath from the bus conductor
- Strip approx. 5mm of insulation from the conductor (C3.4) and insert in the terminal (C3) (red = +, grey = -).
- The bus cable must be inserted in the terminal compartment (Figure 1: A3) together with the sheath and then fixed with the cable clamp (figure 1: A2).

Connecting the mains terminal (Figure 3 „B“)
- Sheath strip length of insulated component = approx.. 12mm
- Strip 9 ... 10mm of insulation from the conductor
- Press the respective terminal button
- Place the conductor in the mains terminal and release the button

Terminal assignment: ⏚ Protective Earth
N Neutral conductor
L Phase

The mains connecting cable must be fixed with the cable (Figure 1: A 2).

6.2 Temporary network cable

If the Touch-Manager wave should be linked directly with the PC for commissioning, insert the connecting cable to *instabus EIB* by using a bus terminal and the network cable using a RJ45 network plug in the corresponding outlets and connect the mains supply according to the regulations. Then attach the Touch-Manager wave to the box using the two screws at the top. Connect the mains voltage to the system, once the device has been fixed in place.
The Touch-Manager wave can now be put into operation (see chapter 2.4 and chapter 2.6 in the manual).
Once the commissioning phase has been concluded, disconnect the mains voltage, remove both screws, unplug the network cable and install the Touch-Manager wave as described under “Installation of the Touch-Manager wave”.

6.3 Permanent network cable

The RJ45 network plug must be wired and clamped in position with a crimping tool in accordance with the existing network wiring plan.
Once the bus terminal and the network terminal have been connected to the cables, the terminals must be inserted in the corresponding outlets on the Touch-Manager (Figure 1: A 4)

6.4 Installation of the Touch-Manager wave

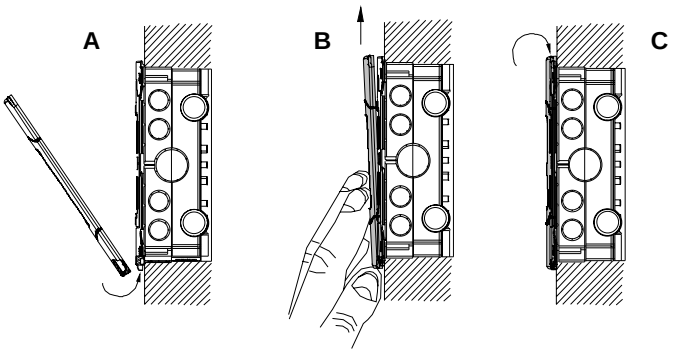


Figure 5: Installation of the Touch-Manager wave

Once the cable has been connected, the device is screwed in place in the switch box (Figure 2: B 4) using the four screws (supplied with the switch box, Figure 2: B 2).
The protective film that is fixed over the surface of the display may now be removed. No sharp objects or tools may be used for this purpose.
After removing the protective film and screwing the device in place, the cover (Figure 2: B 1) can be mounted on the basic unit (Figure 2: B 3). To do so, the cover is threaded with the clips on the base into the intended opening at the lower end of the device (Figure 4 „A“) and pushed upwards against the force of the spring-loaded elements (Figure 4 „B“). The cover is then pushed with the top end over the upper edge of the device so that the cover clicks into place at the top and at the side (Figure 4 „C“).

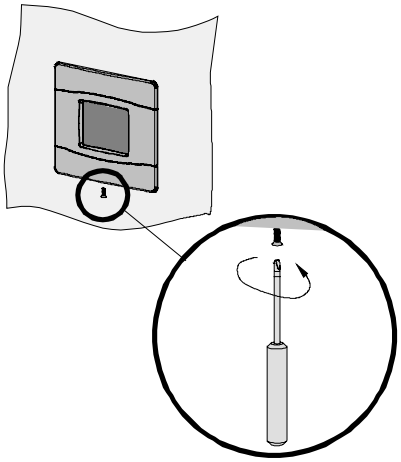


Figure 6: Fixing the cover of the Touch-Manager wave

The cover can now be fixed to the lower end with the screw supplied (Figure 5), to prevent the cover from being removed without tools.

Caution: Do not exert any direct pressure on the display glass! Risk of breaking the glass!

Once the installation is complete, the mains voltage can be connected to the system and the device can be put into operation (see manual on CD for programming instructions).

7 Dismantling

- First switch off the mains voltage
- The fixing screw must be removed first of all when dismantling the device or replacing the cover.
- The removal of the cover and the disconnection of the terminals is carried out in the reverse order to the installation

8 Care instructions

The design frame and the plastic surface of the display unit can be cleaned using conventional, solvent-free cleaning materials. The surface of the display itself may only be cleaned with a damp, soft cloth (e.g. cloth used for cleaning a pair of glasses) and if necessary a mild cleaning agent that is suitable for use on glass.

9 General Notes

- The operating and mounting instructions as well as the supplied CD must be handed over to the client.
- Any faulty devices should be returned to the local Siemens office.
- If you have further questions concerning the product please contact our technical support:
  - ☏ +49 (0) 180 50 50-222
  - 🖷 +49 (0) 180 50 50-223
  - ❒ www.siemens.de/automation/support-request

D
GB
E
F
NL

10 Surge Protection for Touch-Manager Wave

10.1 Hazards due to Surges

Surges are short-time voltage impulses – so-called transients – arising for only some split seconds with peak voltages of several 10,000 V. Surges can destroy the Touch Manager. Apart from damage to hardware, also the device can suffer function losses.

Surges are caused by

- atmospherical influences (e.g. lightning strikes, electromagnetic lightning fields)
- switching operations (e.g. disconnection of short circuits, operational load switching)

10.2 Surge Arresters for Touch Manager Wave

An efficient measure for the protection against surges is the use of surge protective devices (SPDs) at **all** lines connected.

- **LAN**
  No matter, whether or not the ISDN (planned for further product versions) or Ethernet interface is activated, the universal surge arrester DSM TM can always be used. The arrester is especially adapted to the Touch Manager wave.

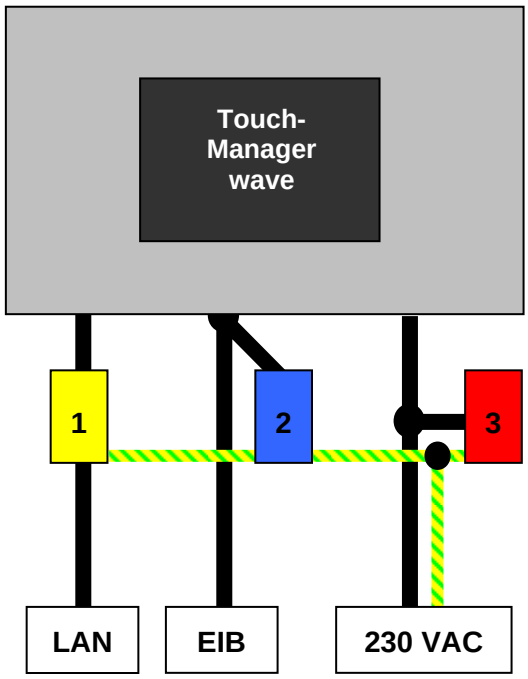
- **EIB**
  BUStector is an SPD certified by EIBA (No. Z32/1399/95), that can be installed into the terminal compartment for the EIB plug.

- **230 VAC**
  In practice of installation, already SPDs Type 2, e.g. DEHNguard, can be existing in the corresponding subdistribution. If this is not the case or additional measures are required, an SPD Type 3 can be installed upstream of the Touch Manager, e.g. DEHNflex M 255 (no fig.).

	Interface	SPD Type	Part No.	Note
1	LAN (Ethernet/ISDN)	DSM TM	924 274	Ethernet / ISDN S0
2	EIB	BT 24	925 001	Certified by EIBA
3	230 VAC	DFL M 255	924 396	Optionally, no fig.

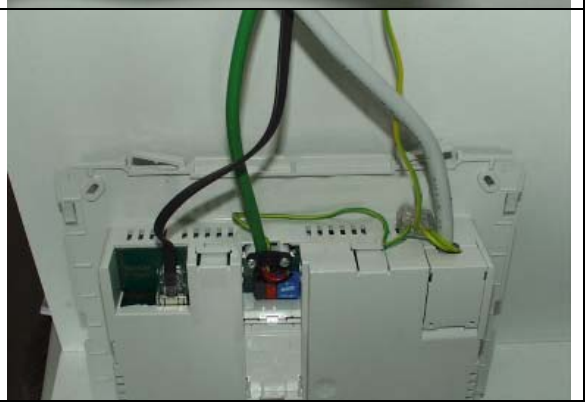
These products can be ordered directly from:

DEHN + SÖHNE
GmbH + Co. KG
Elektrotechnische Fabrik
Hans-Dehn-Straße 1
92318 Neumarkt
Germany
www.dehn.de



10.3 Installation of the Surge Arresters

- Connect L and N with the mains terminal - Connect approx. 80 mm of a separate conductor with the PE terminal - Lead the PE conductor of the cable and the separate PE conductor out of the enclosure and connect them via the socket terminal - Fix the cable and PE conductors with the cable clamp	
- Fix the SPD DSM TM with an adhesive pad in the UP enclosure - Connect the conductors and the shield (rigid and flexible conductors up to 1.0 mm² can be used)	
- Connect the PE conductor of SPD DSM TM with the PE of the low voltage mains via the socket terminal (supplied with DSM TM)	

- Plug the conductor with the RJ45 plug of DSM TM into the ISDN or Ethernet interface - Connect low voltage mains and ISDN/Ethernet	
- Connect the SPD Bustector with the bus terminal - Shorten the red and black conductor at the Bustector and connect them with the bus terminal - Put the bus terminal in place and fix the bus cable and the PE conductor with the cable clamp	
- Connect the PE conductor of the SPD with the PE of the low voltage mains (socket terminal) - SPD DSM TM and Bustector are now completely wired	

10.4 Equalising Currents via Shielded LAN Conductor with a Both-side Earth Connection in TNC Networks

When using LAN components in buildings with TNC networks, the equalising currents might flow via the directly earthed shield of the LAN conductor and interfere with the communication. This also applies to the connection between Switch and Touch Manager wave.
The indirect shield earthing of the DSM TM prevents such equalising currents without clearing the EMC protection effect of the conductor shield completely. Electromagnetic induced interference impulses over 600 V are safely conducted via the indirect shield earthing. The earthing of the shield at the Switch remains unaffected by this measure.

	Interface	Type	Part No.	Note
1	LAN (Ethernet/ISDN)	DSM TM	924 274	Ethernet / ISDN S0

This product can be directly ordered from:

DEHN + SÖHNE
GmbH + Co. KG
Elektrotechnische Fabrik
Hans-Dehn-Straße 1
92318 Neumarkt
Germany
www.dehn.de

D
GB
E
F
NL

11 Changing the language of the Touch-Manager wave

In the supplied state the language of the user interface of your Touch-Manager wave is German.
To change the language of the Touch-Manager wave to your preferred language you have to alter the basic configuration of the Touch-Manager wave using the IBS commissioning software. The changing of the language is only possible using a PC and the IBS tool. The system requirements for the PC are listed in chapter 11.3.1. To change the language do the following:

11.1 Linking the Touch-Manager wave with a PC

When updating the basic configuration of your Touch-Manager wave using the IBS commissioning software, a network connection between the PC running the IBS tool and the Touch-Manager wave is required.
When configuring KNX-RF devices, the commissioning PC must also be linked to the Touch-Manager wave via a network.
You require a network connection for operating the Touch-Manager wave from a PC, too.

This connection can be implemented in two ways, either via a direct network cable connection of the two devices or by linking the two devices in a LAN (Local Area Network).

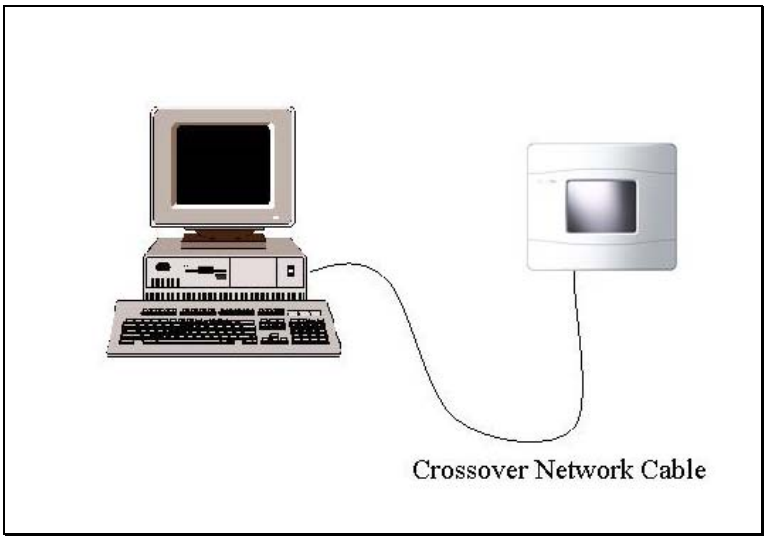


Diagram 7: Linking the Touch-Manager wave with a PC via a crossover cable

If you do not use a LAN to which the Touch-Manager wave should be permanently connected, you can also establish a direct link between the Touch-Manager wave and the commissioning PC for the duration of the commissioning phase using a special crossover network cable. This cable crosses over the two receiving and sending cables of two interconnected network components, so that communication between the two devices is enabled without the temporary connection of further network components.
Crossover network cables are available from specialist dealers.

To link a PC with the Touch-Manager wave, insert the two plugs in the RJ45 network sockets of the two devices.

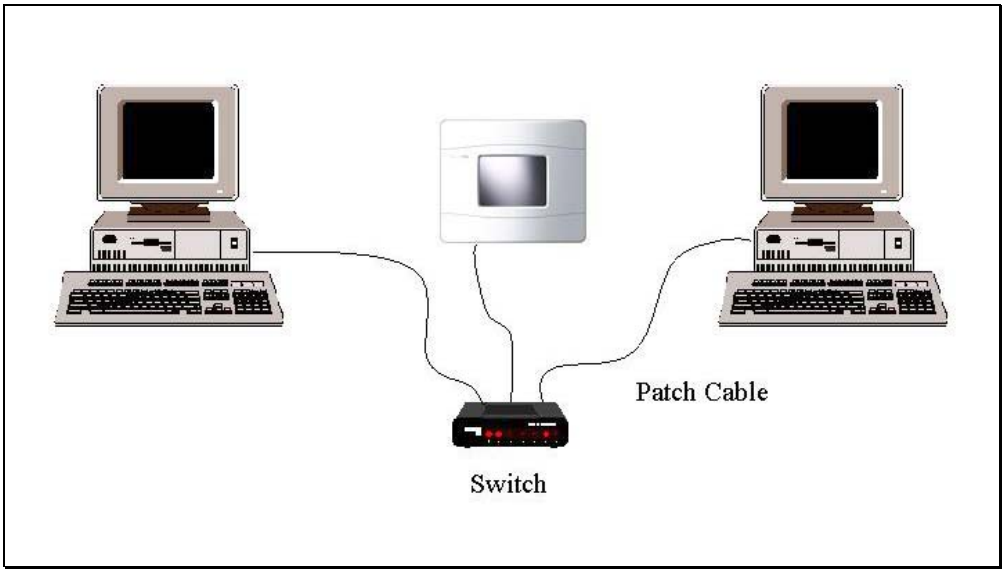


Diagram 8: Linking the Touch-Manager wave with a PC via a switch

If you are using a network, you can also integrate the Touch-Manager wave in this network.
To link the Touch-Manager wave with a network with several devices for connection, additional network components are required.
In principle, when connecting several devices to a network, you require a component which acts as a nodal point in the network and links each device to each other. These network components are called a hub or a switch and are available from specialist dealers.

Note:
We strongly recommend the use of a switch which, as an active component, has several advantages compared to a hub, particularly when using network components with different operating speeds. When using a hub, telegram collisions may occur with increasing frequency which can be highly detrimental to the reliability performance of the Touch-Manager wave.

To link a PC with the Touch-Manager wave, you require in addition two standard network cables (so-called patch cables). Connect both devices with the switch by inserting one end of each patch cable into the appropriate sockets of the switch. Plug the free ends into the RJ45 network sockets of the two devices.

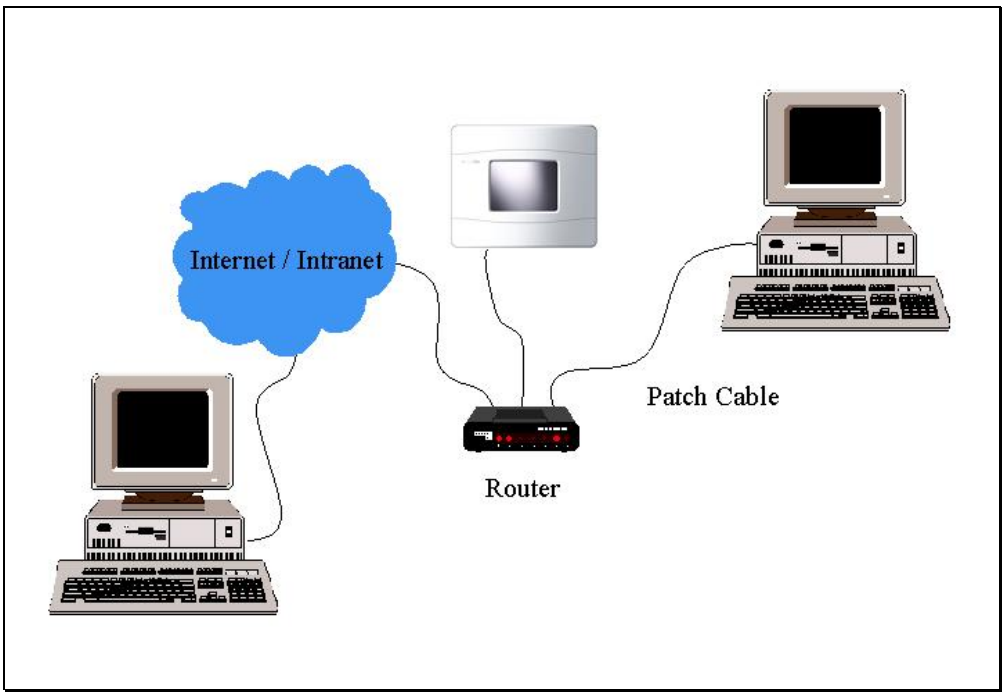


Diagram 9: Linking the Touch-Manager wave with a PC via a router

When using an ISDN, analogue or DSL modem which enables you to dial into the local network, the remote control of a bus installation and the remote parameterisation of the Touch-Manager wave are possible from anywhere in the world e.g. using a laptop with a modem connection.

If the Touch-Manager wave is permanently connected to the Internet via a router with a known IP address or URL and there is a corresponding address conversion in the router, the Touch-Manager wave can be parameterised remotely and the connected bus installation can be controlled remotely from any location in the world via an ISDN, analogue or DSL modem.

If you have any queries regarding the setup of a network or about the network settings in general, please refer to the documentation provided with your network components and contact your network administrator if necessary.

11.2 Setting the IP addresses

To enable the PC and the Touch-Manager wave to communicate with each other, further conditions must be met in addition to the physical connection.
On the one hand, both devices require a so-called IP address, via which each device in a network can be addressed explicitly. The IP address of the Touch-Manager wave in the supplied state is 192.168.101.100.
On the other hand, both devices must be located in the same subnetwork or be linked together via gateways. You can obtain the necessary IP addresses of the default gateways from your network administrator, who will also support you in the installation of the network.

Both devices are usually integrated in the same subnetwork. This means that the network address of the two devices is identical within an area defined by the so-called subnet mask. The preset subnet mask of the Touch-Manager wave is 255.255.255.0. This corresponds in most cases to the subnet mask that is set by default in the commissioning PC and must therefore not be modified. When using this mask, the IP addresses of the Touch-Manager wave and the PC must match the first three digits of the IP address. Either the IP address of the Touch-Manager wave is aligned to the existing network or the IP address of the PC is set to a free address in the subnetwork of the Touch-Manager wave. The IP address of the Touch-Manager wave in the supplied state is set to 192.168.101.100. Therefore the IP address of the PC can for example be set to 192.168.101.200, given that this address is not already in use by another device in the same network.

If you have a DHCP server in your network, all the connected devices can automatically obtain the setting for the IP address, subnet mask and default gateway from the server. To do so, only the corresponding function in the devices must be activated.

The automatic or manual setting of the IP address, subnet mask and default gateway for the Touch-Manager wave is outlined in detail in the Touch-Manager wave manual.

The setting of the network parameters on the commissioning PC differs slightly between the various versions of the Microsoft operating system. In the following section, the procedure is explained using a PC with Windows 2000 as the operating system:

Ensure that the registered user has administrator rights. If this is not the case, change the user or contact your network administrator.

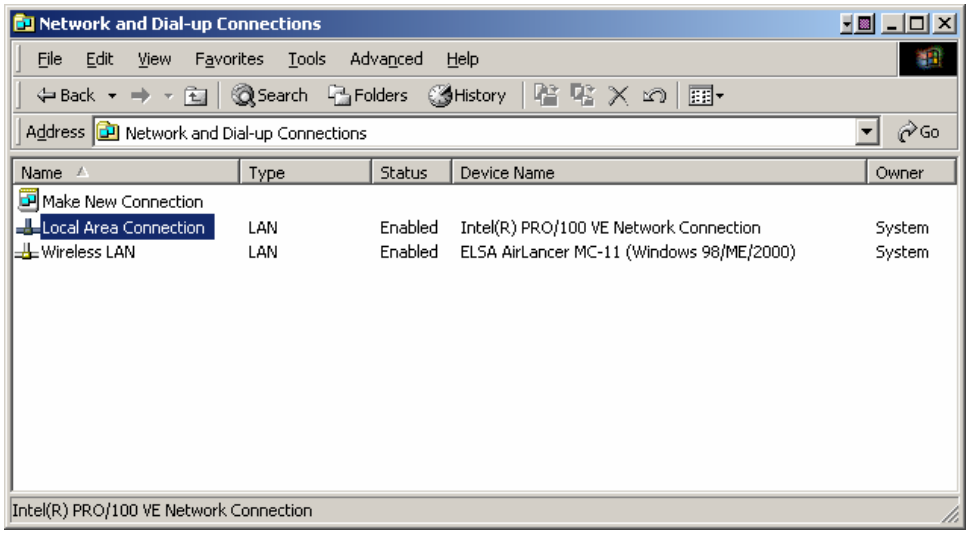


Diagram 10: Selecting the network card of the PC

To modify the network parameters of your PC, first open the network and dial-up connections menu by selecting “Settings” in the “Start” menu followed by “Network and Dial-up connections”.

Open the status overview for the network card which should be linked to the Touch-Manager wave by double-clicking on the network card:

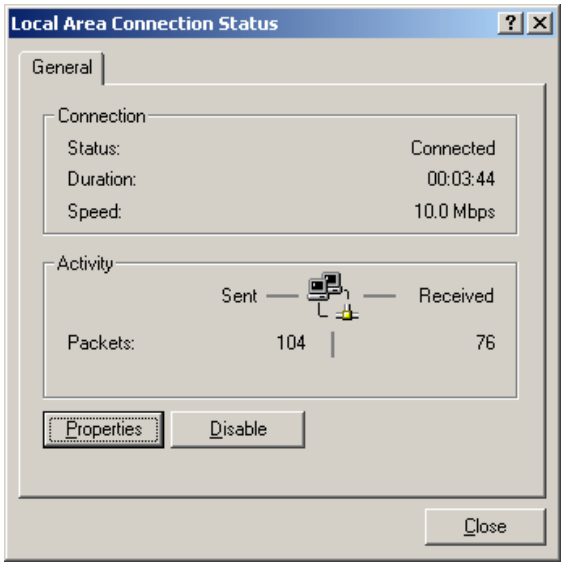


Diagram 11: Status overview of a PC network card

By pressing the "**Properties**" button, you open the properties dialog window of this network card.

If the button "**Enable**" should be displayed instead of the "**Disable**" button, you must first 'switch on' the network card by pressing this button.

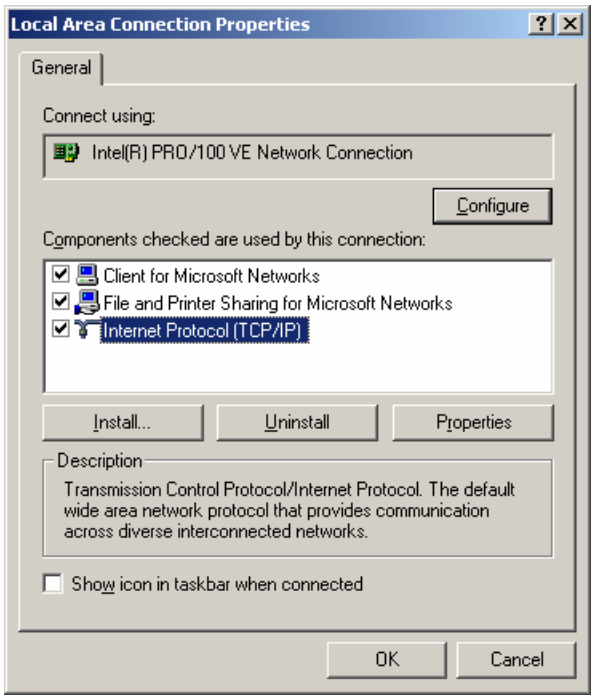


Diagram 12: Properties window for a PC network card

The properties window of the network card lists all the components used by the card.
If the Internet protocol (TCP/IP) does not appear in this list, install it by pressing the "**Install...**" button. Then follow the instructions of the Installation wizard.
Also check that there is a tick in the box in front of the Internet protocol (TCP/IP). If this is not the case, activate this protocol by clicking in this box.

Then open the properties window of the Internet protocol (TCP/IP) by highlighting the appropriate entry and pressing the "**Properties**" button.

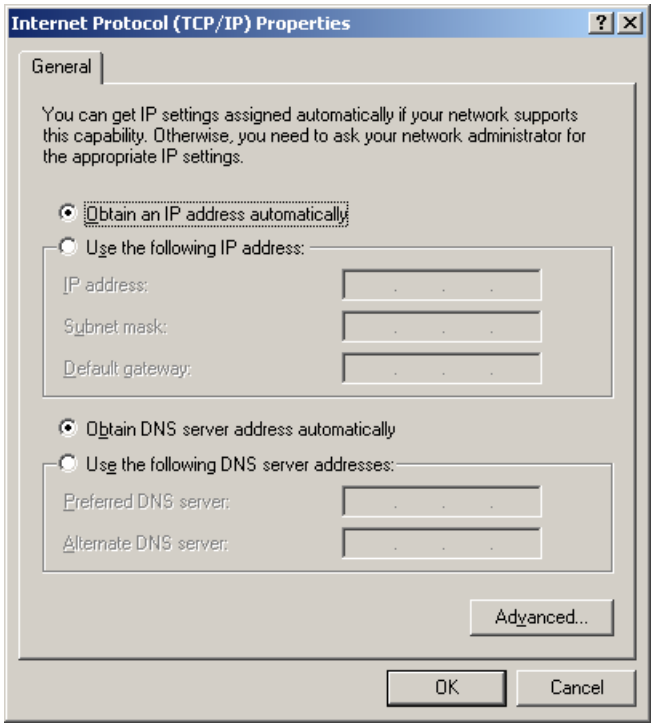


Diagram 13: Properties dialog for the Internet protocol (TCP/IP) of a PC (1)

In this menu, you set the necessary network parameters.
If you have a DHCP server in your network, you can automatically obtain the IP address, subnet mask and IP address of the default gateway from the server. Activate this setting by clicking on "**Obtain an IP address automatically**", so that a dot appears in front of the setting.

If your network also has a DNS server, you can also set its application in this window, either by obtaining the IP address automatically from the DHCP server or by entering the IP address(es) manually. By using a DNS server, it is possible to address a device in a network not with the entry of an IP address but with a symbolic network name. The commissioning PC e.g. in a network with a DNS server can be addressed by the computer name you have assigned. The DNS server automatically takes over the task of translating the symbolic name into the IP address of the PC.

If you have any queries about the data that should be entered here, please read the Windows Help information or contact your network administrator if necessary.

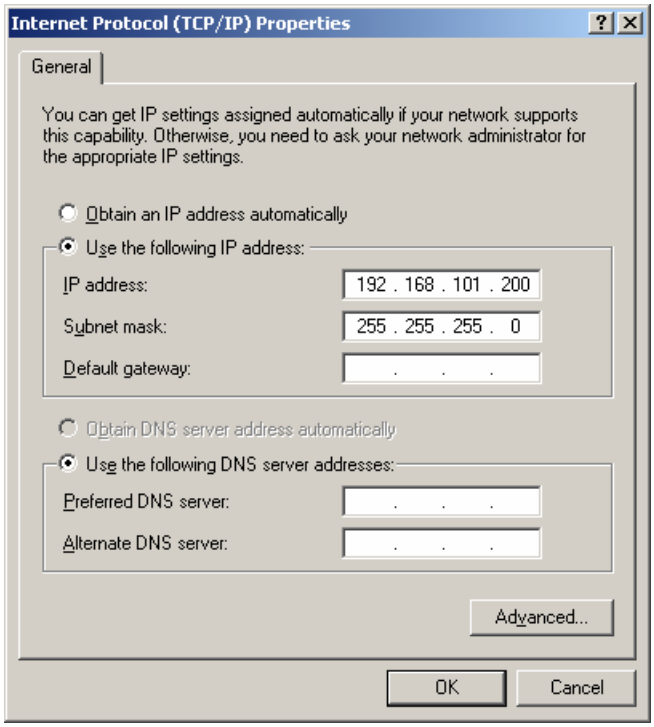


Diagram 14: Properties dialog for the Internet protocol (TCP/IP) of a PC (2)

If a DHCP server is not available, you can also manually enter the addresses that should be used.
Activate the manual input by clicking on "**Use the following IP address**", so that a dot appears in front of the option.
In the activated fields, enter the IP address, subnet mask and if required the IP address of the default gateway which the commissioning PC should use.

In a private network, it is advisable to use an IP address with a range of "192.168.0.1" to "192.168.255.254" as these IP addresses are specially reserved for private networks.
As a subnet mask, you should adopt the usual default value of "255.255.255.0" or enter it if necessary.
If your network is connected to other networks such as the Internet via a router, also enter the IP address of the default gateway.

If you have any queries about the data that needs to be entered here, please read the Windows Help information or contact your network administrator if required.

The setting of the network parameters required by the commissioning PC is carried out in this way.
Complete the process and adopt the settings by closing all the opened windows by pressing the "**OK**" button.

11.3 Language conversion / update of the Touch-Manager wave

In the supplied state, the German-language version of the software is installed on your Touch-Manager wave.
To convert the Touch-Manager wave to another language or to carry out an update of the software, you need the IBS commissioning software and a configuration file which contains the required language or the update.

11.3.1 Installation of the commissioning software

For the language conversion or a software update of the Touch-Manager wave as well as the configuration of KNX-RF devices for the display and operation of these devices with the help of the Touch-Manager wave, a special IBS commissioning software program is used which must be installed on the commissioning PC.

The commissioning PC must meet the following minimum requirements:

- Processor: Pentium 233 MHz
- Free memory on the hard drive: 20 MB
- RAM: 64 MB
- Operating system: Windows 98SE, Windows Me, Windows NT4 SP6, Windows 2000 SP1, Windows XP Home, Windows XP Professional
- CD-ROM drive
- Network card with a connection for a network cable with an RJ45 plug and an installed TCP/IP driver

If you are uncertain about your PC equipment, please consult your system documentation or contact your PC supplier.

To start the installation of the IBS commissioning software, insert the supplied CD in the CD-ROM drive of the commissioning PC.
Then start Windows Explorer by simultaneously pressing the buttons ⊞ and E on the PC keyboard:

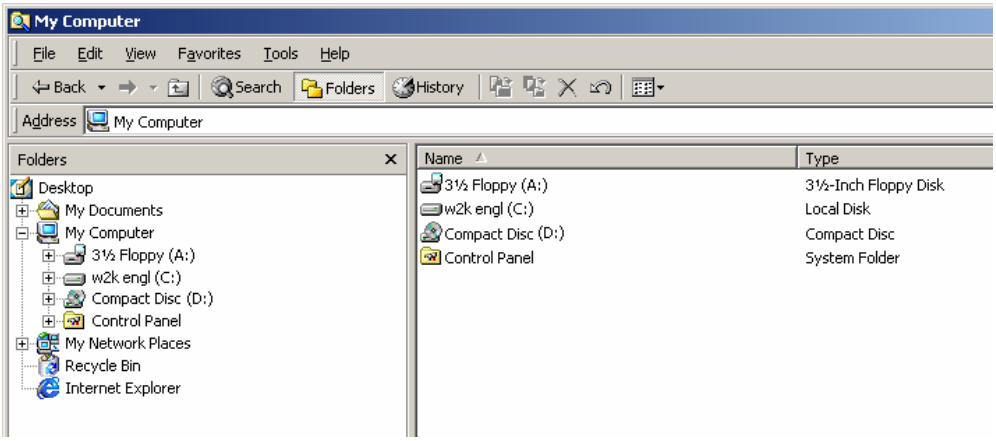


Diagram 15: Installation of the commissioning software (1)

After clicking on the symbol for the CD-ROM drive in which you have inserted the CD, you can start the installation of the IBS commissioning software on the right-hand side of the Explorer window. To do so, double-click on the file with the name "**IBSTool.exe**".

Diagram 16: Installation of the commissioning software (2)

Press the “**Next**” button in the Installation wizard twice in order to install the IBS commissioning software. By pressing the “**Cancel**” button, you can abort the installation at any time.

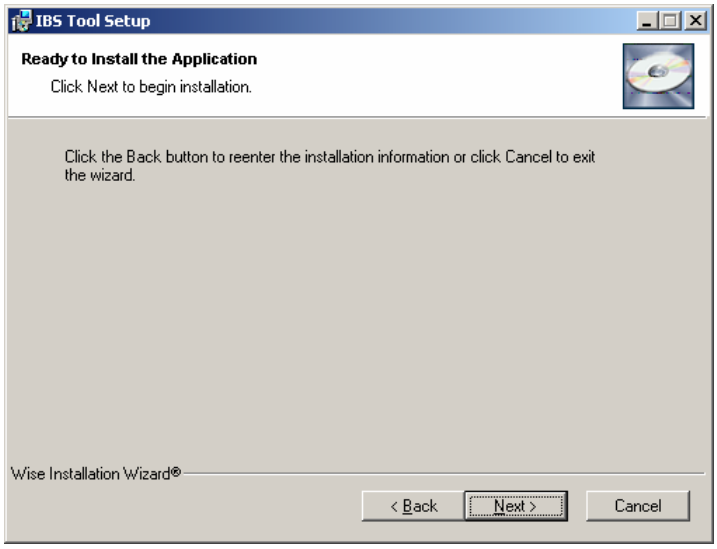


Diagram 17: Installation of the commissioning software (3)

The IBS commissioning software is then automatically installed in the Windows program directory in the program group “Siemens” => “Touch-Manager wave”.

Diagram 18: Installation of the commissioning software (4)

To complete the installation, press the “**Finish**” button.

Note:
You can find the current version of the Touch-Manager wave manual in the respective language in a subdirectory with this name on the CD.
Click once on the ⊞ symbol in front of the CD-ROM drive in which you have inserted the CD. In the example above, this is drive D. After clicking on the subdirectory with the required language, you can start the display of the manual by double-clicking on the right-hand side of the Explorer window.
The manual is in PDF format and enables you to jump to the required location in the manual by clicking on a reference. You require the Adobe Acrobat Reader to be able to display the manual. Version 5.1 of this program can be found in the respective language in the subdirectory of the CD. To install the Adobe Acrobat Reader, double-click on the executable file and follow the instructions on the display.

11.3.2 Language conversion / update of the Touch-Manager wave using the IBS commissioning software

To change the language of the interface of your Touch-Manager wave or to install an updated version of the software, you need the IBS commissioning software and a configuration file which contains the required language or the update.

Caution:
All the existing device data and settings of the Touch-Manager wave are lost by carrying out the language conversion or update of the Touch-Manager wave software. You should therefore back up the current data and settings before changing the basic configuration of the Touch-Manager wave, see chapter 2.5 in the manual.

Start the IBS commissioning software by selecting “Start” => “Programs” => “Siemens” => “Touch-Manager wave” => “IBS Tool” => “IBSTool.

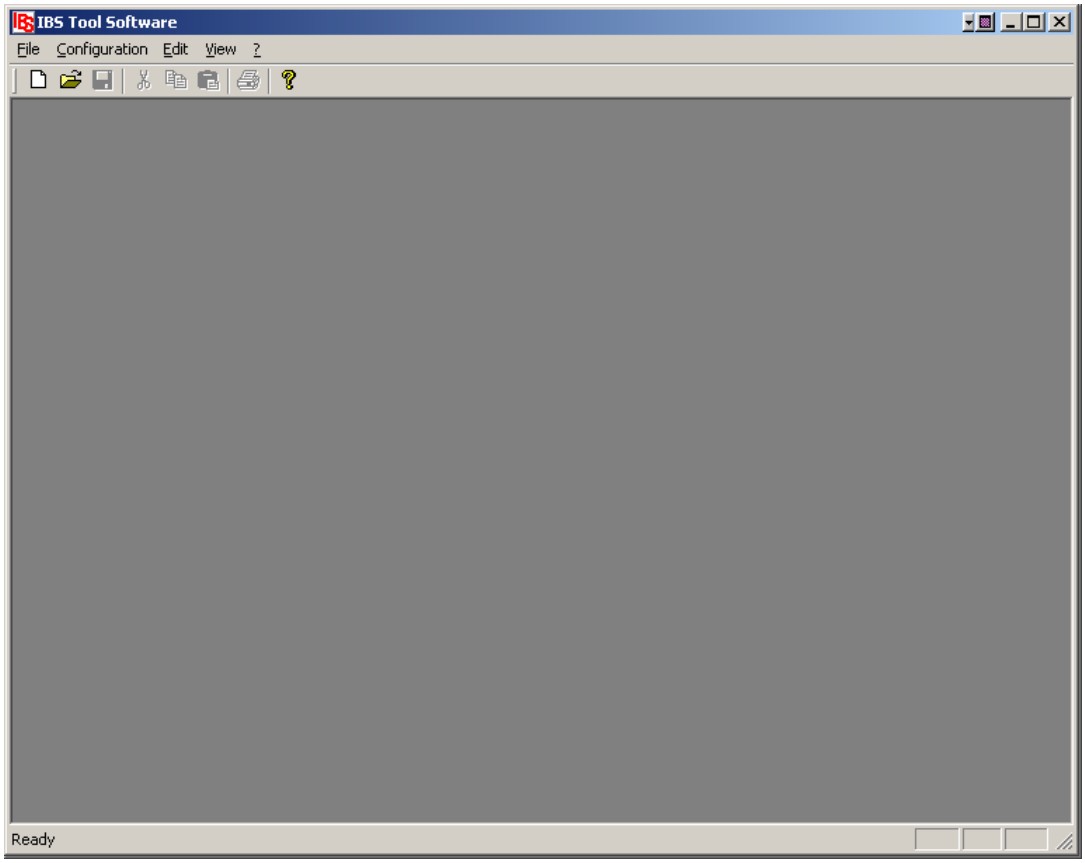


Diagram 19: Start screen of the commissioning software

You can find out the installed version of the IBS commissioning software by clicking on the question mark in the menu bar:

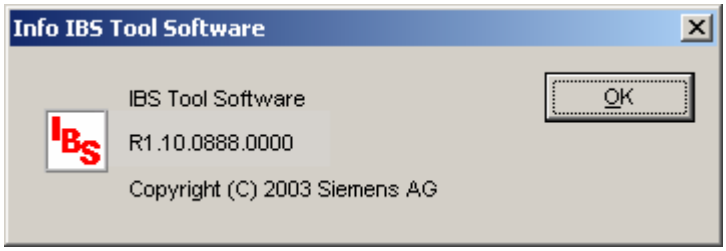


Diagram 20: Information about the IBS commissioning software

You access the next dialog window by clicking on the folder symbol in the menu bar or via “**File**” => “**Open...**”:

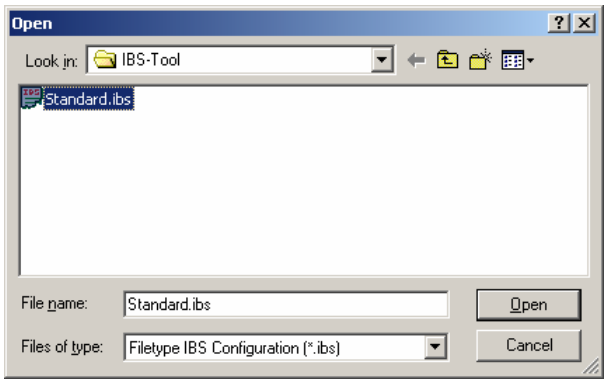


Diagram 21: Selection of the configuration file for the Touch-Manager wave

Select the file “**Standard.ibs**” in the open window or the file which contains the updated version of the Touch-Manager wave software and open it by clicking on the “**Open**” button.
The file “**Standard.ibs**” can be found in the directory in which the IBS commissioning software was installed, by default under “C:\Programs\Siemens\Touch-Manager wave\IBS Tool”.

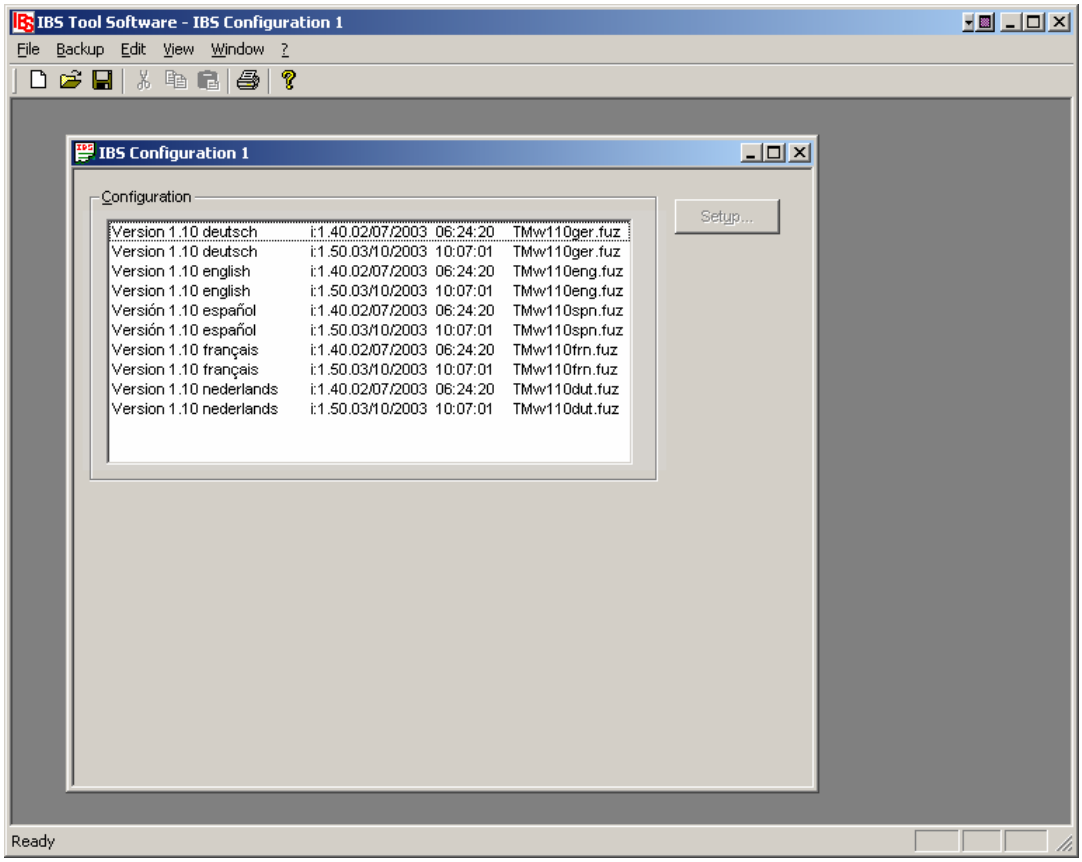


Diagram 22: Selection of the language for the interface of the Touch-Manager wave

Select the required language for the interface of the Touch-Manager wave and click on the "**Setup...**" button.

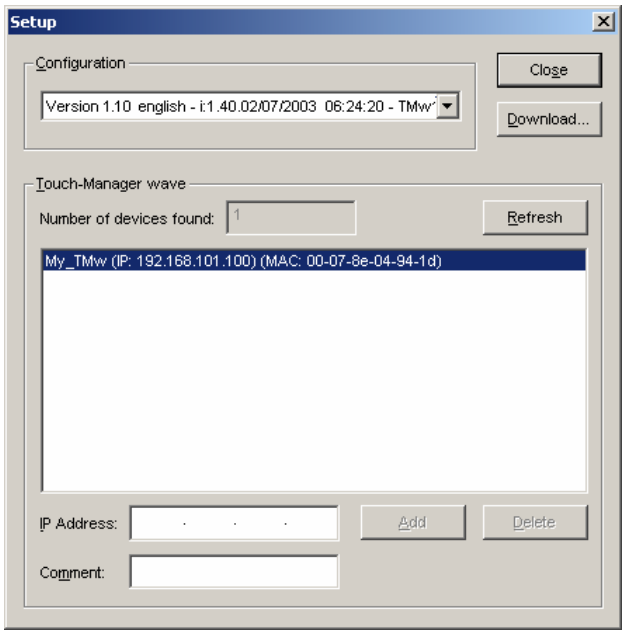


Diagram 23: Selection of the Touch-Manager wave for configuration

You must then select the Touch-Manager wave whose language you wish to change or whose software you wish to update.
The number and the descriptors of Touch-Manager wave that are currently available in the network are automatically displayed.
You can then detect the required Touch-Manager wave either by its network name or its IP address. The setting of the IP address and/or the network name of the Touch-Manager wave is described in detail in the manual. The MAC address is a worldwide unique serial number of the network card which is built into the respective Touch-manager wave and cannot be changed.
By clicking on the "**Refresh**" button you can start a new search for connected Touch-Manager wave.

Mark the required Touch-Manager wave and start the update of the software by clicking on the "**Download...**" button.

Note:
If your commissioning PC has more than one network card, you must first locate the network card which is used to connect the required Touch-Manager wave to the commissioning PC.
You can make this selection under the menu item "**Edit**" => "**Settings**":

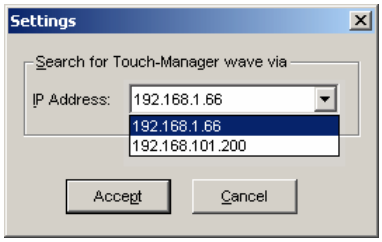


Diagram 24: Selection of the network connection to be used

Select the required network card of your commissioning PC using the IP address and press the "**Close**" button.

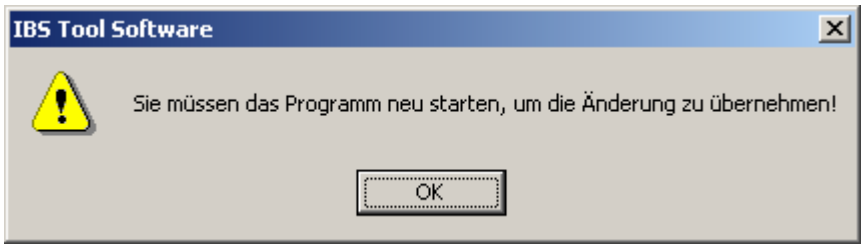


Diagram 25: Restarting the IBS Tool after changing the network card

After changing the network card to be used, the IBS Tool must be closed and restarted for the change to be adopted.

If the Touch-Manager wave that is to be configured is located in another subnetwork, it cannot be found automatically by the IBS commissioning software. In this case, you have the option of entering the IP address manually as well as a brief description of the Touch-Manager wave. By clicking on the "**Add**" button, this data is entered in the list of known Touch-Manager wave devices and can likewise be selected there:

Select the required network card of your commissioning PC using the IP address and press the "**Close**" button.
If the Touch-Manager wave that is to be configured is located in another subnetwork, it cannot be found automatically by the IBS commissioning software. In this case, you have the option of entering the IP address manually as well as a brief description of the Touch-Manager wave. By clicking on the "**Add**" button, this data is entered in the list of known Touch-Manager wave devices and can likewise be selected there:

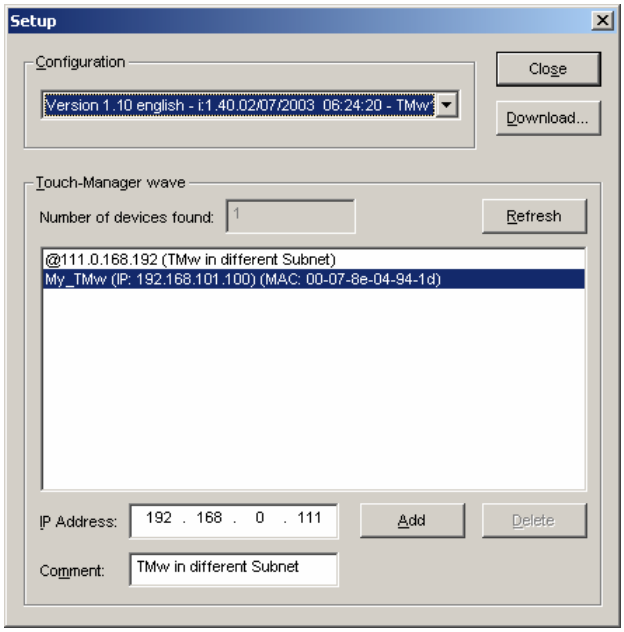


Diagram 26: Manual entry of the Touch-Manager wave for configuration

To transfer the new language or the updated software into the Touch-Manager wave, press the "**Download...**" button.

Note:
If you want to update or change the language of more than one Touch-Manager wave simultaniously, you can mark all Touch-Manager wave of interest at once and start the process by clicking the „**Download...**" button. Prerequisite to be able to do so is that all Touch-Manager wave use the same configuration password. Alternativly you can use the password belonging to the activation code which you can get from the hotline (see below)!

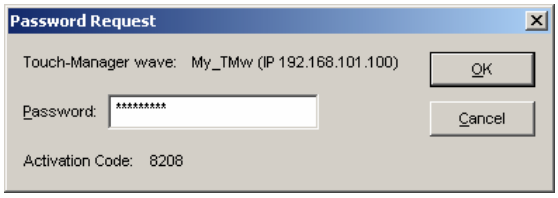


Diagram 27: Manual entry of the Touch-Manager wave for configuration

After a short period, you are requested to enter the password for accessing the Touch-Manager wave.
The preset password is "radminpwd" (without quotation marks). Please change this password immediately (see manual).

If you have forgotten your password and entered it five times incorrectly, the password is blocked. You must then redefine the password for the remote administrator in the "System settings" menu (see manual). To do so however, you require the password for the "System settings" menu which is only known to the local administrator. If you do not know this password, contact the Siemens hotline. Please have to hand the four-digit number which is currently displayed in brackets behind "Activation Code" in this dialog window. You will then receive a temporary password.

You can reach the hotline in German-speaking areas under the following telephone numbers:
Germany: +49-(0)180 50 50-222
Austria: +43-(0)5 1707-22244
Switzerland: +41-(0)848-822 888

nst.technical-assistance@siemens.com

Note:
The four-digit number is a random number which is changed each time the password is requested.
The hotline calculates a temporary password using this number which enables access to all Touch-Manager wave reachable while the associated random number is valid.

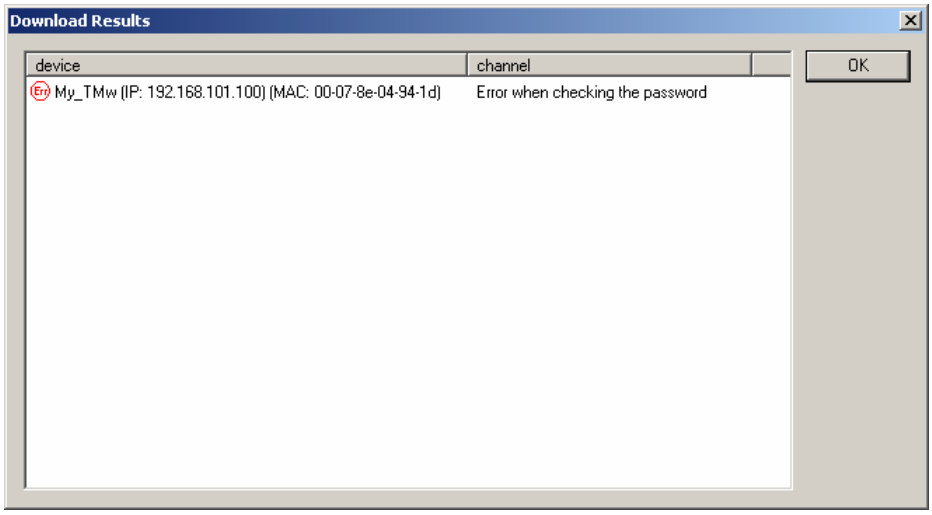


Diagram 28: Error when verifying the password

If an incorrect password has been entered, you receive a corresponding message. In this case, close the message window by clicking on the "**OK**" button and close the "Download" window by clicking on the "**Close**" button. Then start the download process again by clicking on the "**Download...**" button.

If the IBS commissioning software determines when checking the Touch-Manager wave that the selected software update is not compatible with your Touch-Manager wave, the process is interrupted and you receive the following message:

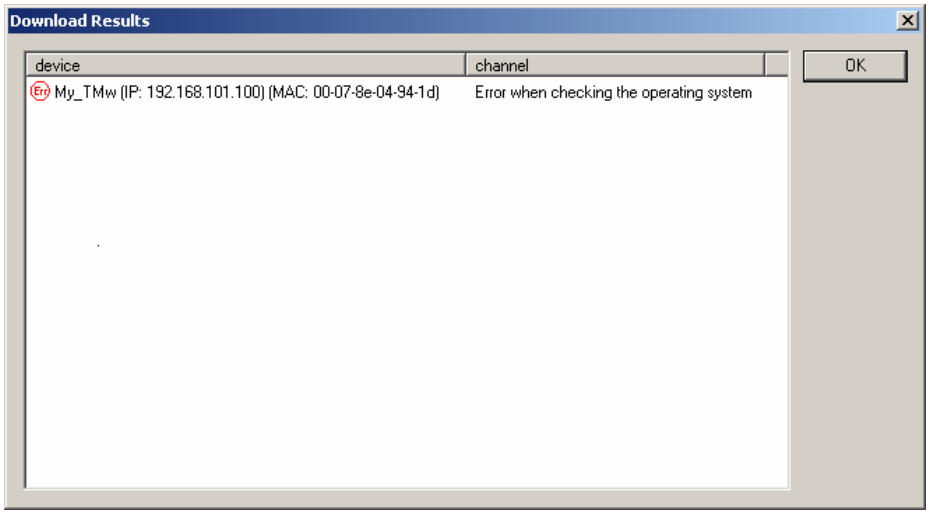


Diagram 29: Incompatible operating system version (1)

In this case, close both the message window and the "Download" window by clicking on the "**Close**" button.

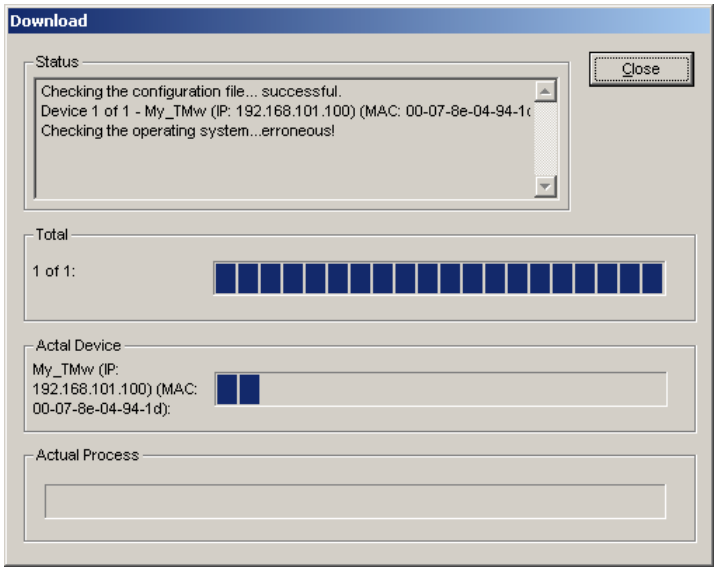


Diagram 30: Incompatible operating system version (2)

Select another version of the update software under "**Configuration**" and then repeat the download process by clicking on the "**Download...**" button.

If no problems were detected during the checking process, the update of the Touch-Manager wave is started. You can track the status of the update on the screen of your commissioning PC:

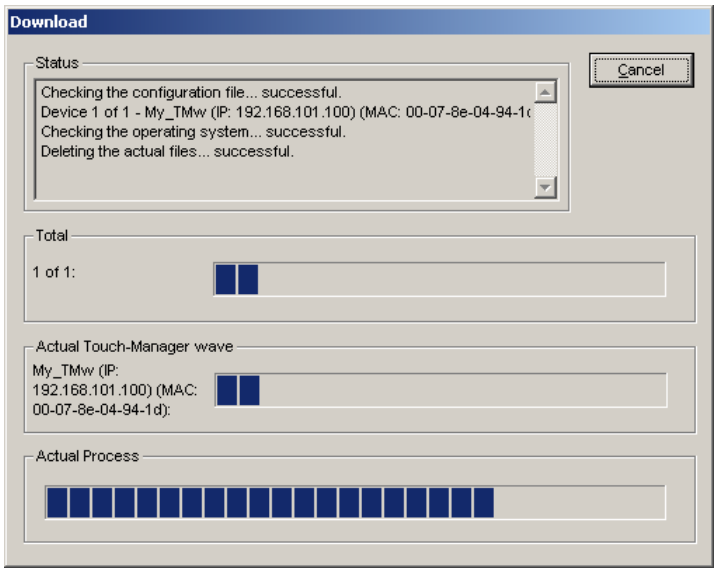


Diagram 31: Updating the software of the Touch-Manager wave

When the update has finished, you will receive the following message:

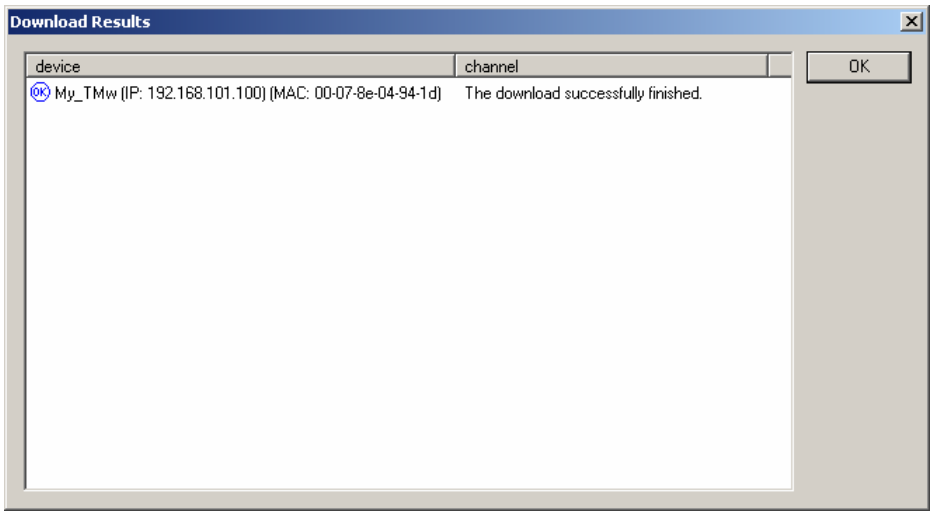


Diagram 32: Update of the software is completed successfully (1)

Close all the windows of the IBS commissioning software that are still open.

The Touch-Manager wave now asks you to recalibrate the touch-sensitive display so that your operation of the display can be detected and executed correctly:

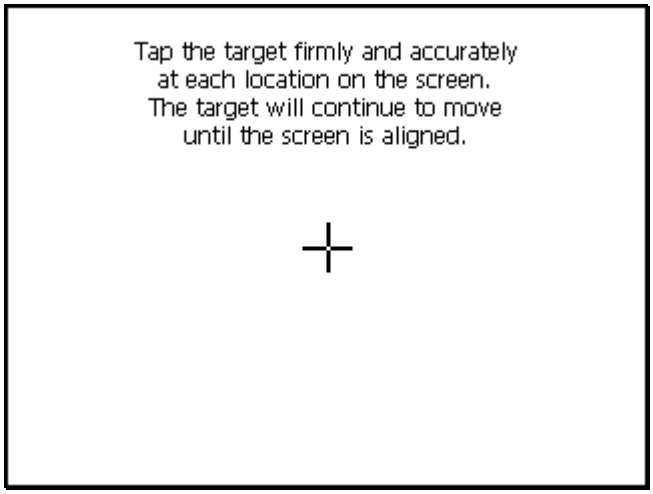


Diagram 33: Recalibration of the touch-sensitive display

To recalibrate the touch-sensitive display, touch the display exactly in the five places that are marked in sequence by the cross. You must use the pen supplied or a comparable aid.
The new values are then saved automatically and the restart of the Touch-Manager wave is carried out (see also Touch-Manager wave manual).

Note:
You will find the current version of the Touch-Manager wave manual in your preferred language in a sub directory with the name of this language on the CD as well.
Click once on the symbol ⊞ in front of the CD drive in which you have inserted the CD, drive D in the example above.
After clicking once on the subdirectory of the desired language, you can start viewing the manual by double clicking on the name of the manual in the right side of the explorer window.
The manual is provided in the PDF format. When you click a reference in the manual, you will be transferred to the corresponding position in the manual automatically.
To view the manual, you need the Adobe Acrobat Reader which is also provided in version 5.1 in the supported languages in the corresponding subdirectories on the CD. To install the Acrobat Reader double click on the executable file and follow the instructions on your screen.

12 Menu structure of the Touch-Manager wave

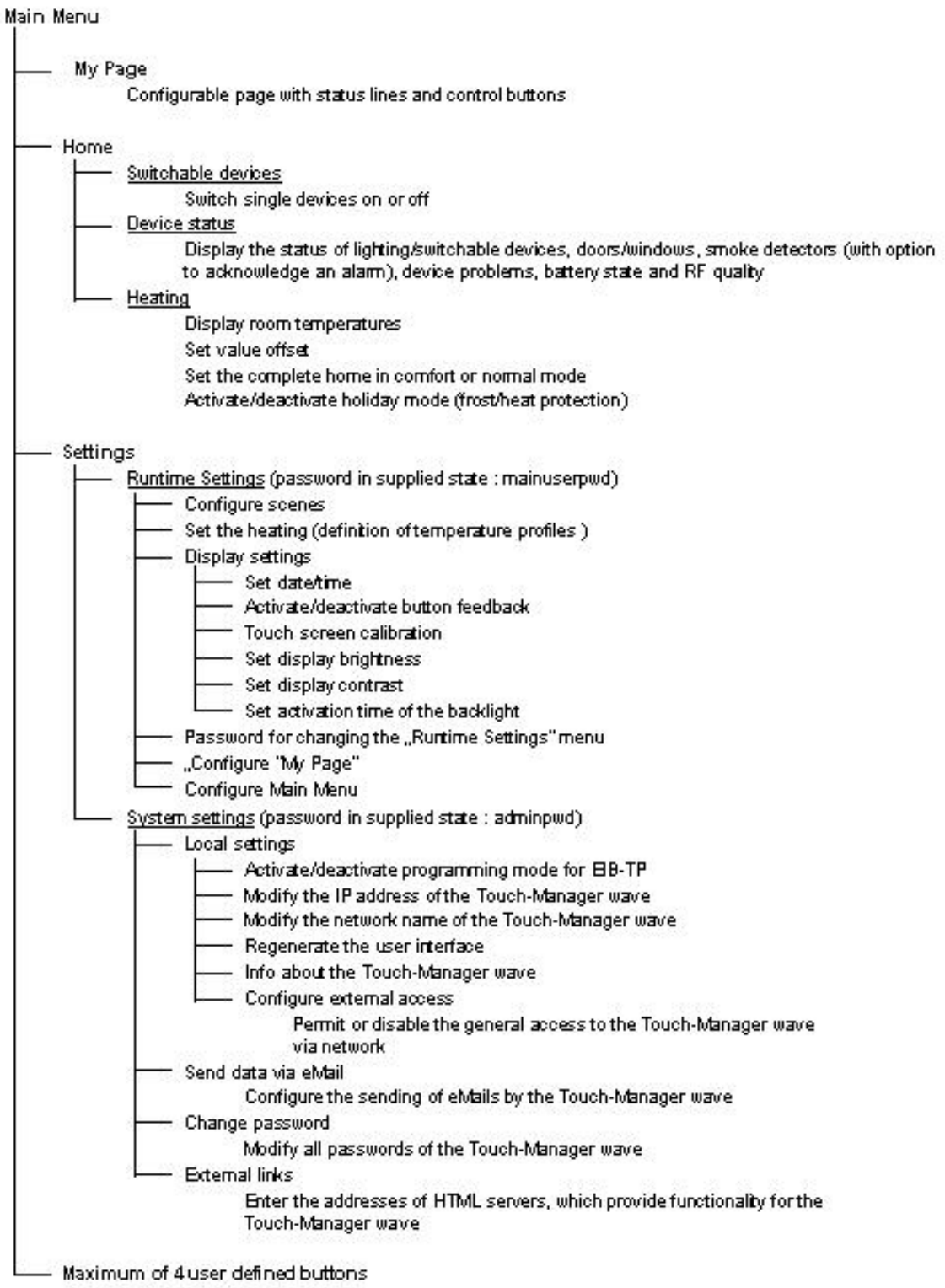


Diagram 34: Menu structure of the Touch-Manager wave

D
GB
E
F
NL

13 Passwords for your Touch-Manager wave

The following passwords are assigned in the supplied state:

Password for	Password
User (external)	ruserpwd
Main user (local)	mainuserpwd
Main user (external)	rmainuserpwd
Administrator (local)	adminpwd
Administrator (external)	radminpwd

14 Sheet to notice important setting of your Touch-Manager wave

Entry	Setting
Password for User (external)	
Password for Main user (local)	
Password for Main user (external)	
Password for Administrator (local)	
Password for Administrator (external)	
IP-Adresse of your Touch-Manager wave	
Subnet Mask	
Default Gateway	
Network of your Touch-Manager wave	
eMail-Data for smoke detector	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for Faulty Device	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for Battery Status	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for RF Quality	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for Alarm	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for Doorbell	
address of sender	
address of recipient	
address of the SMTP server	
eMail-Data for Consumption Data	
address of sender	
address of recipient	
address of the SMTP server	
Address of the eMail server	
Address of the Door image camera (internal page)	
Address of the Door image camera (external page)	
Address of the server for Messages	
Address of the server for External Services	
Address of the Ethernet Time Server	

GB