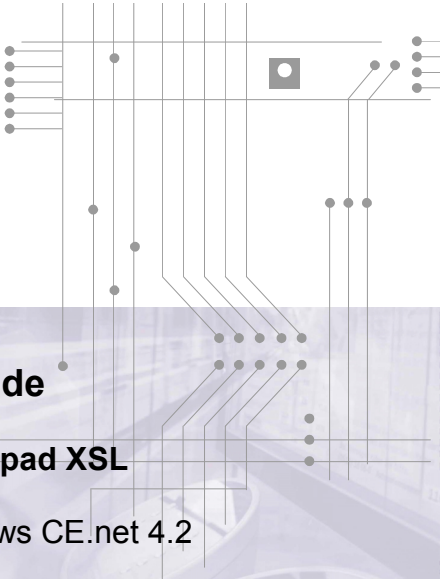




User Guide

skeye.pad XSL
with
Windows CE.net 4.2

Version 1.3



HÖFT & WESSEL

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Höft & Wessel AG, Hannover
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1. Introduction

1.1 Safety Notes

1.1.1 General Safety Notes



- ◆ Do not try to open, repair or modify your skeye.pad XSL. The manufacturer will not be liable for any damage caused in that way.
- ◆ Any tampering by non-authorised persons will invalidate the warranty.
- ◆ Do not use the skeye.pad XSL in damp environments (bathroom, indoor pool, ...). Protect the unit from any splashes of water or other liquids.
- ◆ Never expose the skeye.pad XSL to very high temperatures e.g. behind the windscreen of a motor vehicle.
- ◆ Only use your skeye.pad XSL with original equipment. Non-compliance voids the warranty.
- ◆ Charge the storage battery using the chargers recommended by the manufacturer only. Using another battery charger might be dangerous and voids the warranty.
- ◆ The mains voltage must correspond to the technical data mentioned on the battery charger.
- ◆ Keep the skeye.pad XSL out of the reach of small children.
- ◆ If your skeye.pad needs to be repaired or maintained, please contact your specialised dealer
- ◆ Switch off your skeye.pad XSL when you are in explosive areas, for instance in petrol stations, fuel depots, chemical plants, below deck in ships, near blasting operations, in locations where a large volume of dust particles (such as flour, wood or metal) is present in the air, LPG-operated vehicles, etc.
We recommend to switch off the skeye.pad XSL completely (see chapter 2.6).
This also applies to places where you are usually advised to switch off your vehicle motor.
- ◆ Interference may be noticed near electric devices. Therefore, always pay attention to local safety regulations.

- ◆ Users with hearing aids must note that radio signals of the skeye.pad XSL may launch into hearing devices causing an unpleasant noise.

1.1.2 Safety Notes for the Lithium-Ion Battery



- ◆ Use the battery for its intended purpose only.
- ◆ Do not immerse the battery in water or seawater and do not allow it to get wet.
- ◆ Do not use or recharge near high temperature locations e.g. heating elements or fire.
- ◆ Do not throw the battery into a fire or heat the battery.
- ◆ Do not recharge the battery close to a fire or in extremely hot weather.
- ◆ Do not solder.
- ◆ Do not connect to cigar lighters or similar.
- ◆ Do not transport or store the battery together with metallic objects such as hairpins or necklaces.
- ◆ Do not short-circuit the battery by connecting the positive and negative poles with metallic objects such as a wire.
- ◆ Do not throw.
- ◆ Do not place the battery in the microwave or pressurised containers.
- ◆ Do not pierce or dismantle the battery with a nail or other sharp object, hit it with a heavy object such as a hammer or step on it.
- ◆ Do not dismantle the battery or modify parts of the battery.
- ◆ Do not store within the reach of children.
- ◆ If the battery develops a leak and the chemicals get in the eye, do not rub the eye, but rinse eye with plenty of running water and consult a doctor immediately.
- ◆ If the battery develops a leak and chemicals spill on clothes or skin, rinse skin or clothes in running water to prevent contamination of the skin.

1.1.3 Safety Notes on using the skeye.pad XSL while driving

Be aware of the regulations and laws governing the use of the skeye.pad XSL in the area in which you are travelling. Always comply with these regulations.

- ◆ Do not distract yourself from driving.

1.1.4 Safety Note on the Car Cradle (Airbag)



- ◆ Never install your car cradle above the airbag or in its deployment area. If the airbag is deployed with an incorrectly fitted in-car station, this may result in serious injuries.

1.1.5 Safety Notes on Wireless LAN



Wireless LAN data communication can be easily intercepted and recorded. Anyone who is operating a WiFi card in the same subnet can “sniff out” and decrypt any sent data packets with the appropriate software.

In order to make unauthorised access to your Wireless LAN more difficult, Wireless LAN functions such as Wired Equivalent Privacy (WEP) or WiFi Protected Access (WPA) should be enabled. Using a VPN allows encryption of the transmitted data and authentication of the user on the other end.

See also chapter 4.6.3.

For more information refer to the manufacturer of the Wireless LAN components used.

1.1.6 FCC Note**NOTE:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**IMPORTANT!**

This device must not be changed or modified unless expressly approved by Höft & Wessel AG. Any unapproved modification could void the user's authority to operate the equipment.

INFORMATION FOR USERS OF SKEYE.PAD XSL WITH INTEGRATED WIFI

SAR compliance for this specific transmitter condition was evaluated for the body-held and near-body configurations. The maximum reported body SAR values for this filing is: Part 15 - 2.4 GHz-band 0.571 W/kg.

This device must not be co-located or operating in conjunction with any other antenna or transmitter for satisfying RF exposure compliance.

1.1.7 Safety Notes on Data Loss



- ◆ It is very much recommended that all important data be backed up as durable hardcopy. Given certain conditions, loss or modification of data can occur in practically any electronic storage system. Therefore, we do not accept any liability for loss of data or data being otherwise rendered unusable following incorrect use, repairs, faults, battery problems, software errors or for any other reason.

We shall not be held liable either directly or indirectly for any financial loss or third party compensation claims which arise on foot of the use of this product and all and any of its functions, such as stolen credit card numbers, loss or modification of data, etc.

1.2 Explanations on this manual

The User Manual is designed to enable you to get your skeye.pad XSL up and running quickly and is structured as follows:

- ◆ Introduction
- ◆ Taking into operation
- ◆ Communication/Data exchange
- ◆ Software (*Image 30068*)
- ◆ Troubleshooting
- ◆ Annex

It is assumed that you are familiar with Microsoft Windows 95 (or higher) or Windows NT 4.0.

In case of problems refer to the corresponding Microsoft documentation.

The skeye.pad XSL supports 2 operating systems:

- Windows CE.net 4.2
- Windows CE 5.0

In case of differences in the handling of these operating systems the work steps are explained for both operating systems.

1.2.1 Note Pictograms

Safety notes in the text are always illustrated in the same way. In this manual three different safety notes are used.



NOTE!

A note points out tips on simplified use of the system / device for example by describing a simplified workflow using a certain tool.



CAUTION!

A CAUTION warning sign points out potential dangers relating to the equipment (i.e. short circuit) or loss of data.



WARNING!

The WARNING sign draws the user's attention to potential dangers that could be harmful to the health/life of the user (i.e. electric shock) or seriously damage the equipment (the equipment could be destroyed).



Indicates an alternative method to complete a task or additional information on a topic.

1.2.2 Registered Trademark

The following terms and names used in this manual are registered trademarks and products of the corresponding companies:

- Microsoft®, Windows®, Windows NT®, Windows 95®, Windows CE®, Windows CE.NET® and ActiveSync® are registered trademarks of the Microsoft Corporation, USA.
- Other product and company names may be trademarks of other companies.

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2. skeye.pad XSL

2.1 Variants

The skeye.pad XSL is available in two variants:

- ◆ with integrated WiFi module
- ◆ with SD slot

The variants can be distinguished by their T-number on the name plate.

Variant	T-no
Integrated WiFi	T23002
SD slot	T23000

2.2 Accessory

Scope of delivery:

- skeye.pad XSL "SD" or "WiFi"
- Power supply unit HW 1430 incl. cable
- Docking station HW 50350 incl. USB cable
- Windows CE.NET 4.2
- User manual

Optional:

- Integrated WiFi module (IEEE 802.11g Standard) instead of the SD slot
- Integrated 1D laser scanner

Optional accessories:

- Replacement battery HW 19350
- Battery charger HW 16350 (for 1 battery)
- Car cradle
 - 1 x RS 232
 - 1 x RS 232 with Rx, Tx, 5V, and GND
 - 1 x USB host
- Cigar lighter connector with 5 A fuse
- Swan-neck to fit car cradle securely and safely in a car or truck
- Navigation software
- Protective display film
- Various cases

2.3 Handling and Maintenance

- ◆ Prevent your skeye.pad XSL from very high temperatures.. Do not place on the dashboard of a car or near a heating device. Never store near damp or dusty places.
- ◆ Do not drop it.
- ◆ Do not expose the skeye.pad XSL to shocks or external forces.
- ◆ Do not touch the screen with sharp or tapered objects. When touching the screen do not exert too much pressure. To tap or write on the screen, we recommend using the supplied stylus only.
- ◆ Do not clean with a solvent but with a dry and soft cloth.
- ◆ Do not use or store the skeye.pad XSL at places where it might be exposed to fluids. The skeye.pad XSL is not waterproof. Rain drops, water sprays, juices, coffee, vapor, etc can also be harmful to the device.

2.4 Views

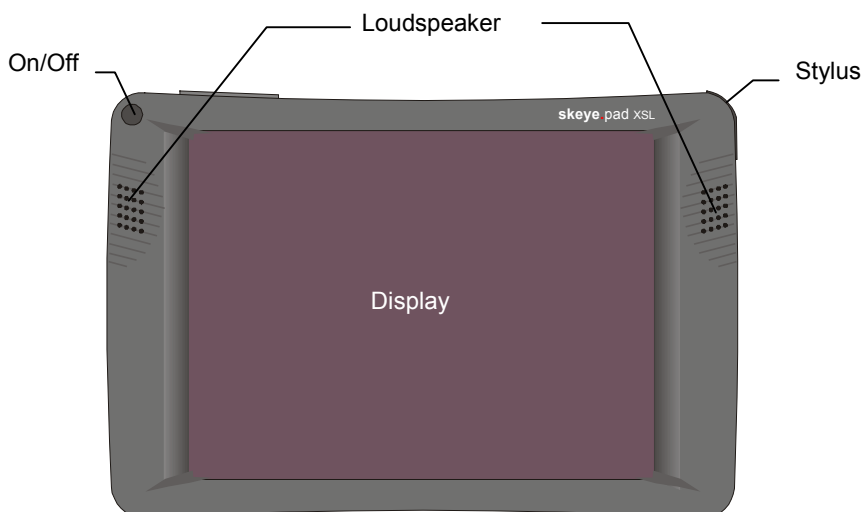


Fig. 1: Front view

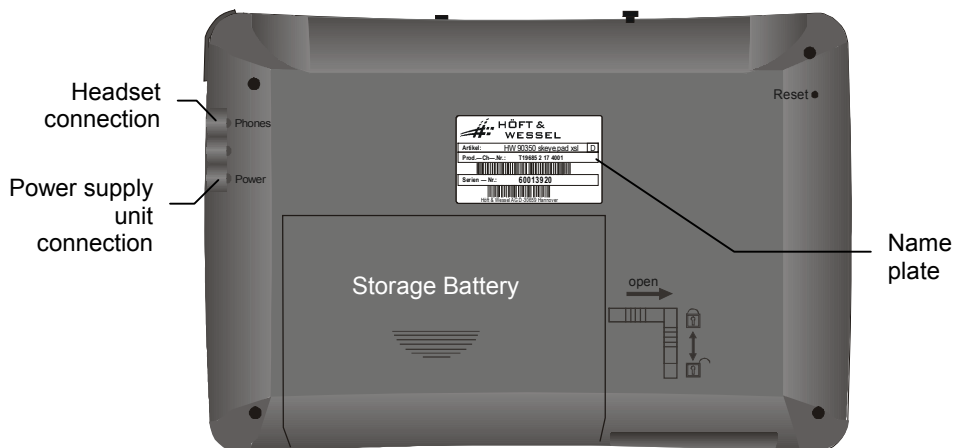


Fig. 2: Rear view

The slots for the PC, CF, or SD card can be found on the upper edge (see chapter 2.5.12).

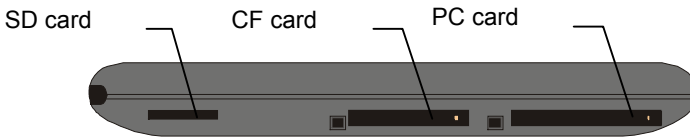


Fig.3: Upper edge

There are 2 USB connections on the lower edge.



Fig.4: Lower edge

2.5 Initial Steps

1. Insert the storage battery and lock (see chapter 3.2.2).
2. Shortly press the ON button to switch on the skeye.pad XSL.
3. Take out the stylus.

2.5.1 Start Screen

Having started Windows CE.net the following screen appears:

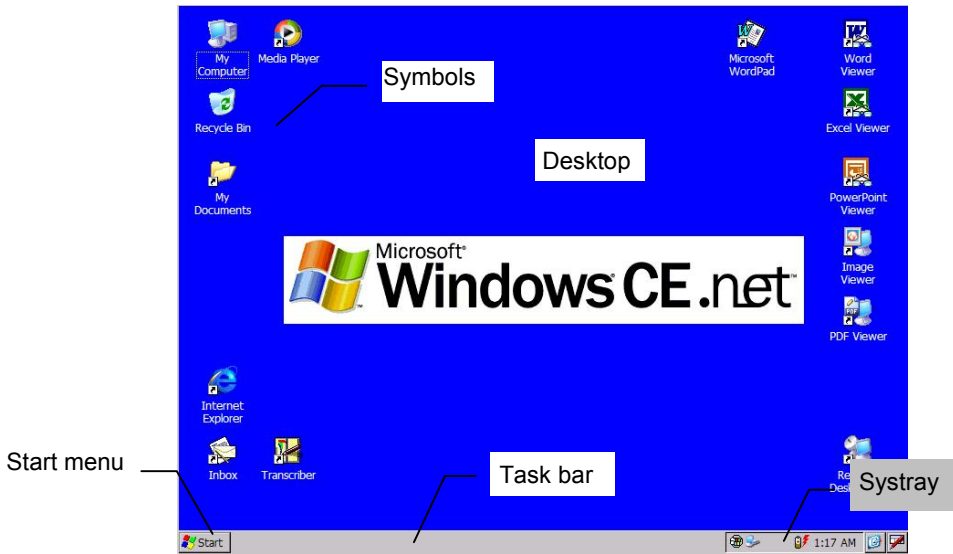


Fig.5: Start Screen

2.5.2 Operating the skeye.pad XSL with the Stylus

With the stylus, you can navigate as well as move and select objects in a similar way to using a mouse.

You may also touch the screen with your finger, however, the stylus provides for a more precise working.

- ◆ Instead of clicking with the mouse, you simply tap the screen with the stylus to select a symbol or to activate a button.
- ◆ A double-tap is the same as double-clicking the mouse.

2.5.3 Showing/Hiding the Keyboard

Showing: Tap  in the taskbar and select the desired keyboard.

Hiding: Tap  or  in the taskbar (depending on the activated keypad) and select "Hide input panel".

2.5.4 Setting the Properties of the Input Panel (Keyboard)

1. Launch: **Start** ⇒ **Settings** ⇒ **Control Panel**
*The **Control Panel** window appears.*

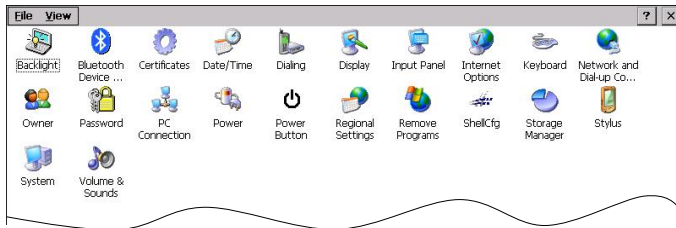


Fig.6: Control Panel

2. In the **Control Panel** window double-tap the symbol for the input panel:
*The **"Input Panel Properties"** window appears.*

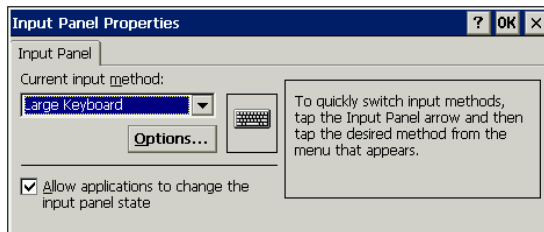


Fig.7: Input Panel Properties

3. In the **Input Panel Properties** window select the "Current input method" (Keyboard, Large Keyboard, skeye keyboard) and the **[Options]** button.

Initial Steps

4. Depending on the selected input method a "Skeye Keyboard Options" window appears.

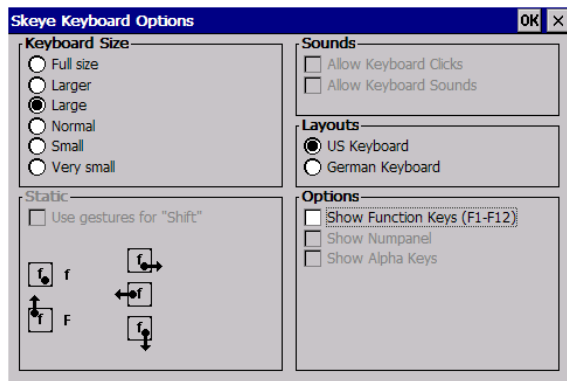


Fig.8: Skeye Keyboard | Skeye Keyboard Options



Fig.9: Large Keyboard | Soft Keyboard Options

5. Perform the desired settings.
6. Click **[OK]** to confirm.

2.5.5 Regional/Language Settings

Under "Regional Settings Properties" you may set the country and language for the user interface.

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" window appears (see Fig.6).
2. In the **Control Panel** window double-tap the following symbol.
The "Regional Settings Properties" window appears.

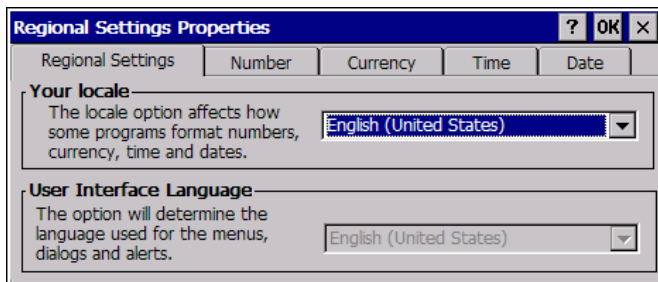


Fig.10: Regional Settings Properties

3. Under "Your locale" set your country. This way, country-specific formats like digits, currency, data and time are applied automatically.
4. Under "User Interface Language" set your language.
5. Click **[OK]** to confirm.
6. You must now go to **Start ⇒ Programs ⇒ System ⇒ Reset** and perform a reset before the settings will take effect.

2.5.6 Calling up the Desktop at Any Time

To minimise all opened windows click on the symbol down right in the task bar .



2.5.7 Storing further Symbols on the Desktop

Frequently used functions can be stored as symbols on the desktop. If you miss a frequently used function on the desktop proceed as follows:

1. Double-tap the **My Computer** symbol.
The "My Computer" directory opens up.
2. In this directory tap the folder in which the program/function is stored.
The corresponding folder opens up.
3. Search and mark the file for the function to be stored on the desktop.
4. Open the **File** menu and select **Send to**.

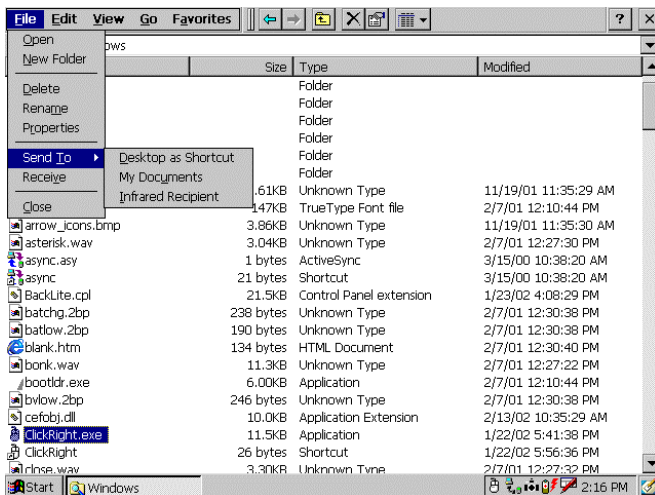


Fig.11: File | Send to

5. In the submenu, select **Desktop as Shortcut**.
The shortcut will be created.

2.5.8 Right Mouse Button Function

The right mouse button calls context menus with further functions like copying, deleting etc. To use the right click functions proceed as follows:

1. Tap the element for which you want to perform the action and keep the stylus pressed.
2. On the "LargeKB" Keyboard activate the <Alt> key and then tap the element.

The popup window of the right mouse button displays. Here, you can select the desired function.
If you do not wish to perform an action tap any position outside the menu.

2.5.9 Setting Date and Time

1. Launch: **Start ⇒ Settings ⇒ Control Panel.**
The "Control Panel" menu appears.
2. Double-tap the symbol for date and time.
The "Date/Time Properties" window appears.

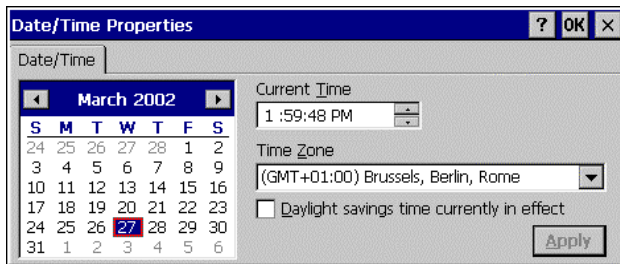


Fig.12: Date/Time Properties

3. In this window, set
the current **date**
the corresponding **time zone**
and then the correct **time**
4. Click **[Apply]** to confirm the settings.
5. Click **[OK]** to close the window.

2.5.10 Setting Volume and Sounds

By default, all sounds of your skeye.pad XSL are activated. For screen tapping option **Loud** is activated.



To save energy, deactivate the sounds.

1. Launch: **Start** ⇒ **Settings** ⇒ **Control Panel**
The "Control Panel" menu appears (see Fig.6).
2. In the **Control Panel** menu double-tap the symbol for volume and sound.
The "Volume & Sounds Properties" window appears.

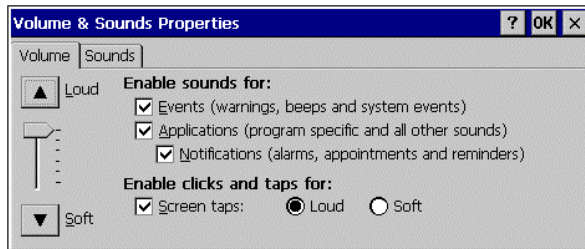


Fig.13: Volume & Sounds Properties

3. In this window, perform the corresponding settings.
4. Click **[OK]** to confirm.

2.5.11 Entering Owner Properties

Entering owner properties is required for identifying the device.

In addition, you may enter information in the "Notes" area displayed when you switch on the device.

Under "Owner Properties" also enter the network ID (see chapter 4.7).

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" window appears.
2. In the **Control Panel** window double-tap this symbol:
The "Owner Properties" window appears.



Fig.14: Owner Properties

3. In the **Owner Properties** window fill in the fields and confirm with [OK].

2.5.12 Using (SD), PC, and CF Cards

The skeye.pad XSL is equipped with an extension slot for CompactFlash cards (CF) and an extension slot for PC cards (also referred to as PCMCIA). Depending on the variant (see chapter 2) an extension slot for SD cards may also be available.



Each extension card requires a special Windows CE driver from the manufacturer. The driver must support the Windows CE.net 4.2 device type and the Intel XScale PXA255 processor.



Information for users in the US:

According to the FCC rules (47CFR §2.1093) and procedures (OET Bulletin 65 C) the use of extension cards with transmitting capability (e.g. GMS, GPRS, WLAN, Bluetooth) is restricted to those which have been evaluated in conjunction with the skeye.pad XSL. Failure to comply with this requirement could void the authority to operate the skeye.pad XSL and may jeopardise the health of the user.

Prior to buying an extension card be sure those criteria are met.

Note that despite of using a new driver, the cards may be not compatible.

To install a new driver, you usually need to set up an ActiveSync connection (see chapter 7.2 ff.).

In addition, follow the instructions of the card manufacturer.

2.6 Switching Off the skeye.pad XSL

There are three ways to switch off your skeye.pad XSL:

- Suspend
- Automatic Standby (AutoOff)
- Complete power off by removing the storage battery

2.6.1 Suspend Mode

Suspending a device means that it is inactive and thus consumes less power. A suspended skeye.pad XSL can be activated any time.



While suspending information in the RAM is maintained. If the power supply is interrupted e.g. due to a discharged storage battery, information in the RAM gets lost.

It is thus recommended that you store all current data prior to suspending the skeye.pad XSL.

Suspending the skeye.pad:

1. Press the Power OFF button for a while
or
Tap **Start** in the task bar.
The "Start" menu opens up.



Fig.15: Start menu

2. Tap **Suspend**.
3. The skeye.pad XSL will be suspended in its current state. All open windows, documents, workbooks etc are not closed but maintained in the working memory.

Switching Off the skeye.pad XSL

The skeye.pad XSL is suspended.

If the power supply was not interrupted e.g. due to a discharged storage battery the data will be available again when you switch on/start the device.

2.6.2 Complete Power Off by Removing the Storage Battery

Completely power off your skeye.pad XSL in the following situations:

- when you do not operate your skeye.pad for a longer period of time (storage battery saving)
- when entering an aircraft
- in explosive areas
- when shipping the skeye.pad XSL



Removing the storage battery will delete the RAM after a while. In this case, all data in the RAM e.g. installed programs, settings, or stored files are lost!

In case of a complete charged puffer (charging time about 20 min) data is maintained in the RAM for 90 s.

If the buffer is not completely loaded, the time decreases correspondingly.

We recommend that you perform the following tasks before you remove the storage battery:

- Store important data in the "FlashStorage" folder of your skeye.pad XSL (see chapter 5.2.2).
- Mirror your data via ActiveSync to your desktop PC (see chapter 7.2 ff.)
- Back up your data via SysBackup (see chapter 5.2)

Performing a complete power off

- ⇒ Did you back up your data via SysBackup (see chapter 5.2)?
- ⇒ Did you store all important data and programs in the "FlashStorage" folder?
- ⇒ Did you mirror all important data to your desktop PC?
- 1. Unlock the storage battery by sliding the vertical bolt on the back of the device (see chapter 3.2.2)  downwards.
- 2. Push the horizontal bolt to the right, keep it hold, and remove the storage battery (see chapter 3.2.2)

2.6.3 Automatic Standby – Power Supply

Use the Power Supply function to save battery life. If you do not operate the unit for a certain time e.g. the display will be dimmed or the unit is set to suspend mode.

1. Tap **Start** in the task bar.
The "Start" menu opens up.

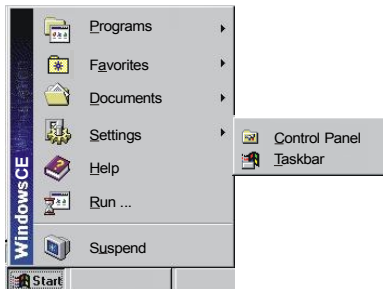


Fig.16: Start menu | Settings

2. Select **Settings**.
3. Select **Control Panel** in the **Settings** submenu.
The "Control Panel" menu appears (see Fig.6).
4. In the **Control Panel** menu double-tap **Power**.
The "Power Properties" window appears.



Switching Off the skeye.pad XSL

5. Select the **Schemes** tab.

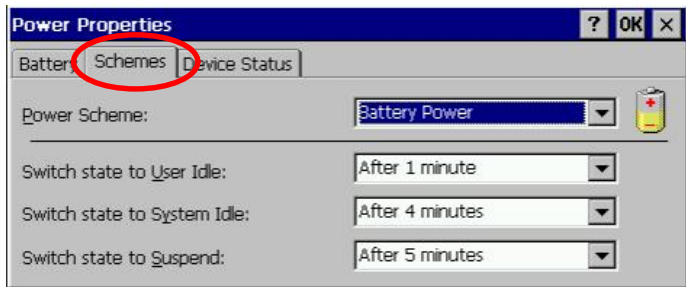


Fig. 17: Power Properties | Schemes

6. Perform the desired settings. The entered times are added up. (Example: after 1 min user idle, after 5 min idle, after 10 min suspend mode)
7. Click **[OK]** to confirm the changes.
8. Close the **Control Panel** menu.

See also chapter 3.1.4.

3. Further Functions and Settings

3.1 Display

3.1.1 Calibrating the Touch

This function is required to fine-tune the touch screen; the better the touch screen is calibrated the more precisely it will react.

When calibrating the touch screen note the following:

- Touch the cross and keep the stylus pressed at the middle of the cross until the cross moves to the next marking.
 - Do not drag the stylus over the touch screen.
 - Do not rest your hand on the touch screen!
1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" window appears.
 2. Double-tap the **Stylus** symbol.
The "Stylus Properties" window appears.

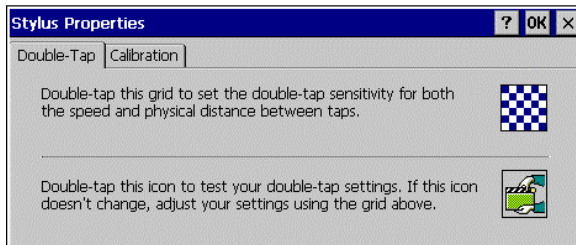


Fig.18: Stylus Properties

3. In the **Stylus Properties** window tap the **Calibration** tab.

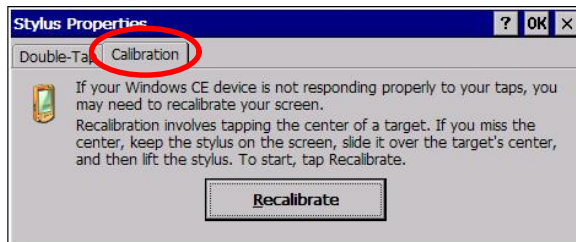


Fig.19: Stylus Properties | Calibration

Display

4. On the **Calibration** tab select **[Recalibrate]**.
The window for calibrating the touch appears.
5. Position the stylus in the centre of the cross displayed (*the more precise, the better the touch screen will respond later*) and hold the position until the cross changes its position.
6. Click **[OK]** to confirm.



Over time, the touch screen, and thus its calibration, may reset somewhat. Should you notice that the touch screen does not respond as precisely as before, repeat the calibration procedure.

3.1.2 Transcriber

The Transcriber is an application that recognises handwriting and thus enabling text entries with the stylus on the touch screen.

3.1.2.1 Activating the Transcriber

1. Launch: **Start ⇒ Programs ⇒ Transcriber.**
The "Transcriber Intro" window appears.

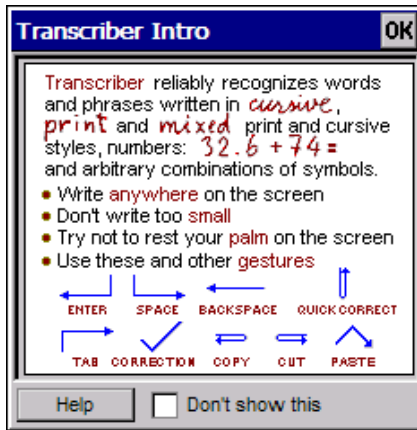


Fig.20: Transcriber introduction

If the Transcriber has already been activated:

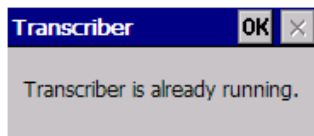


Fig.21: Transcriber is already running

2. The following symbol displays in Systray:  You may now enter text via handwriting recognition.

Display

3.1.2.2 Deactivating the Transcriber

1. Double-tap the following symbol in Systray: 
The "Transcriber" menu appears.

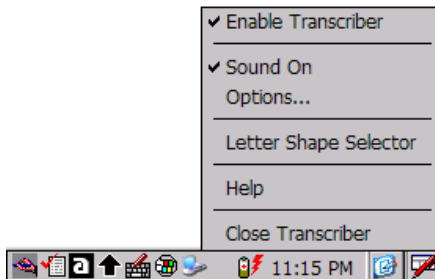


Fig.22: Transcriber

2. Select **Enable Transcriber**.
The "Transcriber" function is deactivated (no checkmark).

The **Transcriber** function can be activated again using the **Transcriber** menu by tapping this symbol in the taskbar.

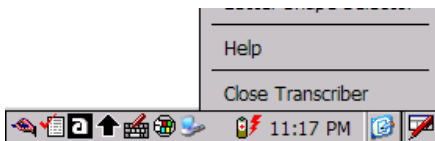


To deactivate the Transcriber without terminating it tap the symbol once. It is no longer grayed out.



3.1.2.3 Terminating the Transcriber

1. Double-tap the following symbol in the taskbar: 
The "Transcriber" menu appears".



2. Select **Close Transcriber**.

The  symbol is no longer displayed in Systray and the **Transcriber** function is terminated.

3.1.3 Rotating the Display/Screen Rotator

This function is used to rotate the display.

The following rotations are supported: 0°, 90°, 180°, and 270°



Close all applications and back up current data to maintain the data in the RAM.

1. Perform a backup.
2. Close all applications.
3. Launch: **Start** ⇒ **Programs** ⇒ **System** ⇒ **Screen Rotator**
The "Display Rotator" window appears.

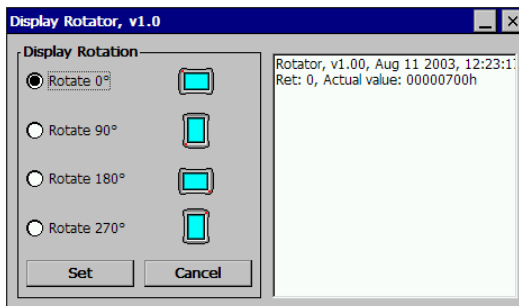


Fig.23: Display Rotator

4. Select the desired rotation.
5. Select [**Set**].

A reset is performed. After the reset, the display appears in the selected position.

Display

3.1.4 Setting the Brightness

The skeye.pad XSL supplies no contrast settings as the contrast of a TFT screen cannot be changed.

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears (see Fig.6).
2. In the **Control Panel** menu double-tap the backlight symbol. The "Backlight" window appears.

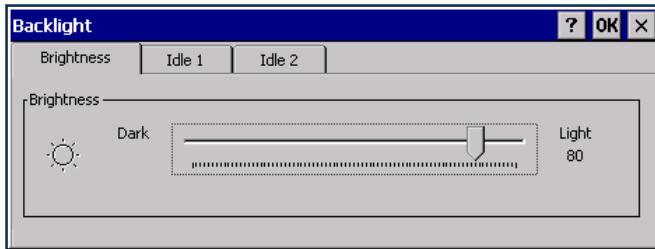


Fig.24: Backlight

3. In this window, adjust the brightness of the backlight with the slider.

To conserve battery power, keep the brightness setting as low as possible.
4. Then, change to the **Idle 1** tab.

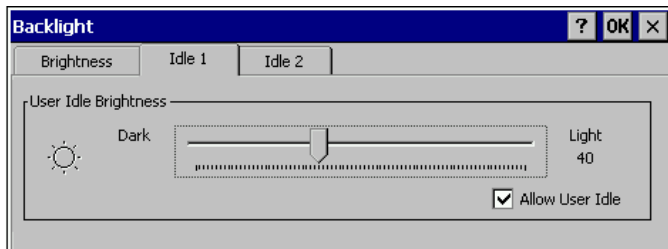


Fig.25: Backlight | Idle 1

5. In this window, use the slider to set the brightness for the "User Idle Brightness" mode (see chapter 2.6.3).
6. If required, change to the **Idle 2** tab.

7. In this window, use the slider to set the brightness for the “Idle” mode (see chapter 2.6.3).
8. Click **[OK]** to confirm the settings.

Storage Battery

3.2 Storage Battery

3.2.1 Charging the Storage Battery

The storage battery in the skeye.pad XSL is automatically recharged if the skeye.pad XSL is

- connected to the power supply unit
- placed in the car cradle
- placed in the docking station (with connected power supply unit)

The Systray displays one of the following symbols:



Storage battery is charged



Less than 30% storage battery capacity



Storage battery needs recharging

In addition, the storage battery can also be recharged in the battery charger HW 16350 which can be optionally obtained.



Caution

Always recharge the storage battery in time. If the storage battery is discharged data loss may occur.

3.2.2 Changing the Storage Battery

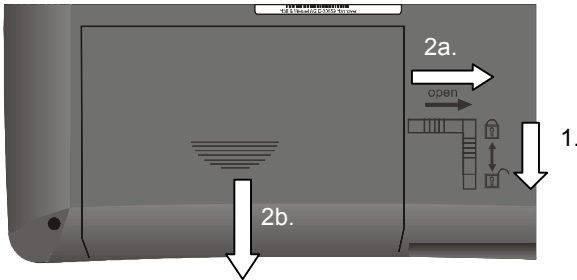


Fig.26: Changing the storage battery

1. Push the vertical slider on the back of the skeye.pad XSL towards the "open lock symbol". 
2. Push the horizontal slider to the right and simultaneously slide the storage battery downwards and remove it.
3. Insert a new storage battery.
4. Lock the storage battery by pushing the slider upwards (closed lock symbol) 



The skeye.pad XSL can only be switched on with a correctly locked storage battery.



Always recharge the storage battery in time. If the storage battery is discharged data loss may occur.

4. Advanced Programs and Settings

4.1 System Information

1. Launch: **Start ⇒ Programs ⇒ System ⇒ SysInfo**
The "SysInfo" window appears.

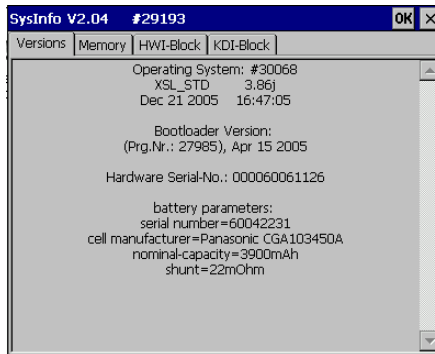


Fig.27: SysInfo

- ◆ The **Versions** tab displays information on operating system, serial number, and storage battery parameter.
 - ◆ The **Memory** tab displays information on physical memories, drives and data memories.
 - ◆ Operating system and system programs can read the hardware configuration of the devices from the **HWI-Block** (Hardware Information Block).
 - ◆ The **KDI-Block** (Customer information block) contains information on the files permanently stored on the device.
2. Tap [OK] to close the window.

4.1.1 SysInfo Report File

When calling the system information a report file is automatically created containing the same information as SysInfo. If the window is closed, the **Save as** window appears.

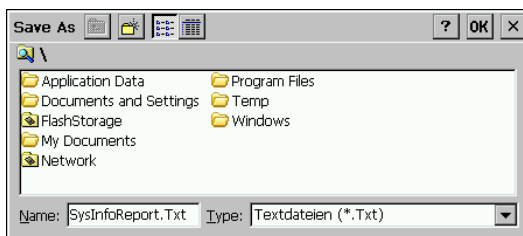


Fig.28: Save as

When you tap [OK], the "SysInfoReport.txt" file can be stored.



Please include the report file in case of a support request.

Changing the Memory

4.2 Changing the Memory

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears (see Fig.6).
2. Double-tap the **System** symbol. 
System
3. Select the **Memory** tab.

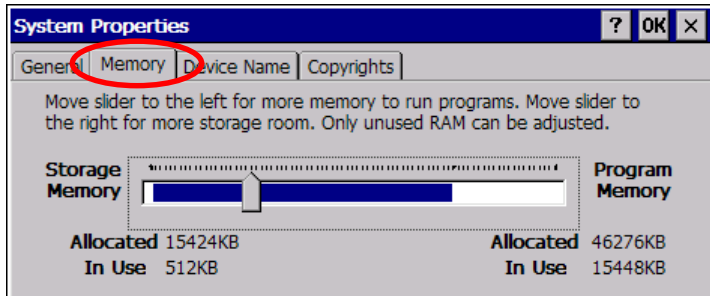


Fig.29: System properties/Memory

4. Use the slider to change the memory for data and programs.
5. Click **[OK]** to confirm the changes.

4.3 Activating Password Protection

You can protect your data on the skeye.pad XSL with a password.

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears (see Fig.6).

Double-tap the password symbol.
The "Password Properties" window appears.

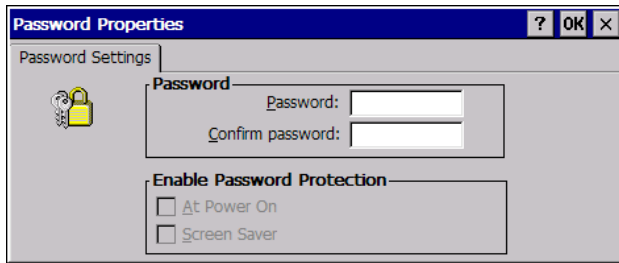


Fig.30: Password Properties

2. Enter the password.
3. Confirm the password.
4. Select at least one of the password protection options.
5. Click **[OK]** to confirm the changes.

Shell Config

4.4 Shell Config

Shell Config can be used to perform some useful changes:

- ◆ Hide/show Start button or additional menu
- ◆ Activate/deactivate quick launch symbols
- ◆ Activate/deactivate "Show keyboard"
- ◆ Show/Hide "My Computer" or "Recycle Bin"
- ◆ Display information on the battery status
- ◆ Display information on Wireless LAN connection
- ◆ etc.

These configurations are useful if users are only allowed to call certain programs via the **Start** menu. You may also set specific displays for Systray.

1. Launch: **Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears (see Fig.6).
2. Double-tap the **ShellCfg** symbol.
The "ShellCfg" window appears.

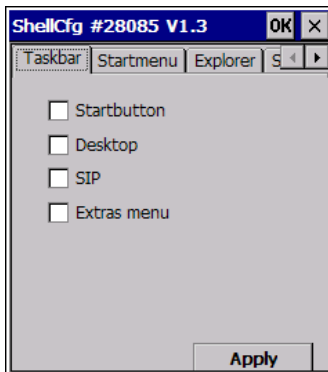


Fig.31: ShellCfg

3. Perform the required changes.
4. Tap **[Apply]** to confirm.
5. Tap **[OK]** to close the window.

4.5 Installing Software

You may

- download software from the internet or LAN and install it on your skeye.pad XSL, or
- download and install software via a connection to your desktop PC (with docking station and ActiveSync).



When choosing software, always ensure that it is supported by XScale or ARM processors and Windows CE.net 4.2.



1. **Pay attention to chapter 5.2 (Data backup)**
2. **Regardless of the selected installation folder, some programs will install additional components in the Windows folder.**

It is recommended that you back up these components with SysBackup (see chapter 5.2) to ensure that they can be restored after a complete power off.

4.6 Wireless LAN



When purchasing a Wireless LAN card be sure to follow the information provided in chapter 2.5.12 of this manual.

For recommendations on tested WiFi cards please refer to our support forum (<http://forum.skeye.com>) or contact the service line (the phone number can be found in chapter 10.6).

4.6.1 Wireless LAN Settings

1. Set up a Wireless LAN access point that provides access to a LAN or the internet. Follow the instructions of your Wireless LAN access point documentation.
2. If required, install the corresponding driver software for the Wireless LAN card via your desktop PC, the docking station, and Microsoft ActiveSync on the skeye.pad XSL (see chapter 7.2 ff.)
This is not required for an integrated WiFi module.

3. Insert the WiFi card into the card slot.
4. On your skeye.pad XSL, go to **Start ⇒ Settings ⇒ Control Panel ⇒ Network and Dial-up Connections** to call the window for network and dial-up connections.

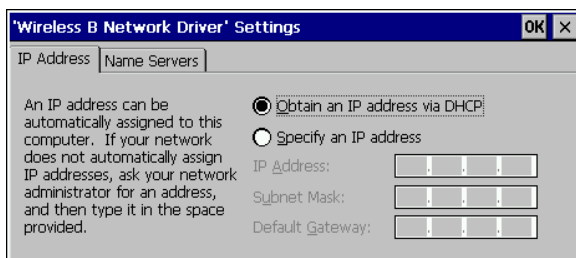


Network and
Dial-up Co...

5. Double-tap the WiFi module.

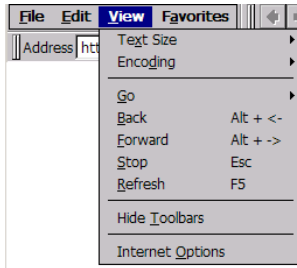


6. Activate **Obtain an IP address via DHCP**. DHCP is activated by default.

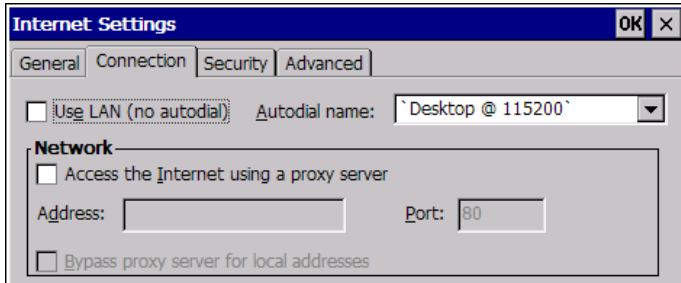


7. In case of a manual setting of the IP addresses enter the addresses under **IP Address, Subnet Mask, Default Gateway** and tab **Name Servers**.
8. Tap [OK] for all queries to exit the dialog.

9. Change to the Internet Explorer and go to **View ⇒ Internet Options**.



10. Select the **Connections** tab and deactivate the “Use LAN (no autodial)” option.



If your LAN uses a proxy server for internet connections activate the options “Bypass proxy server for local addresses” and “Access the Internet using a proxy server” and enter the address of the proxy server.

11. Tap [OK] to close the window.

The network symbol displays in the taskbar. 

4.6.2 Wireless LAN Configuration

1. Double-tap the network symbol in Systray. 
The following window appears:

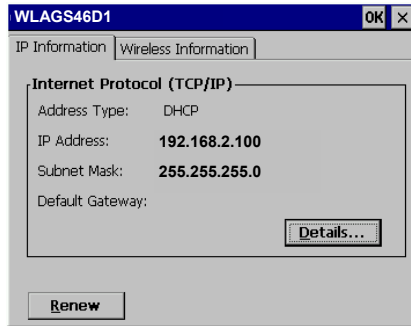


Fig.32: IP Information

2. Select the **Wireless Information** tab.
The following tab appears:

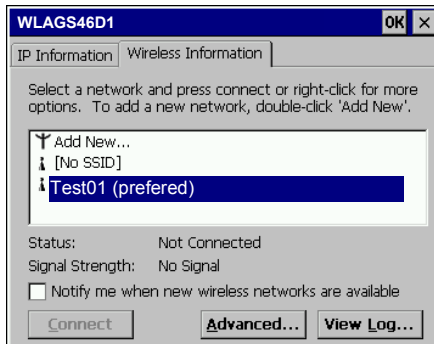


Fig.33: Wireless Information

Symbol	Meaning
	Network not available
	Available network connected
	Network available

Fig.34: Network symbols

- On the **Wireless Information** tab select a network and double-tap the corresponding selection for further options.

The following window appears:

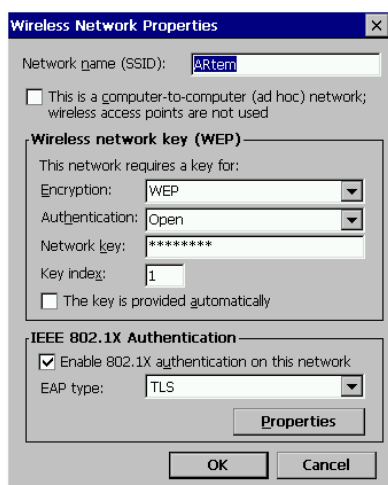


Fig.35: Wireless Network Properties

- If you selected **Add New** as the network on the **Wireless Information** tab (see Fig.33) fill in the fields.
 - SSID** is the name of the network used to determine your Wireless LAN network. To ensure a communication between all network computers be sure to use the same SSID for all.
 Radio connection via access point: SSID is the name configured in the access point for this radio network.

- When accessing via an access point, option **This is a computer-to-computer (ad hoc) network** is not activated.
- *WEP/WPA* is the data encryption used to prevent unauthorised access to the network. Enter the *common network key*. This ensures that data is encrypted when being transferred over the network.
- The encryption type is set under **Encryption**. Under **Authentication** set the method used by a Wireless LAN client to logon to an access point (e.g. WPA), see also chapter 4.6.3.
- The *network key* must be the same as used for the configuration of the access point.
- Be sure to protect your Wireless LAN network. We recommend that you consult a specialist (see chapter 4.6.3).

Further settings for the access point (e.g. Mac filter) may be required.

4.6.3 Preventing Unauthorised Intrusion into a Wireless Network

- **Change the password** for the router respectively the access point (very important). The devices are shipped with a default password. If you do not change it, anyone can access your access point settings and change them.
- **Change the address area.** If you do not use DHCP (automatic address assignment) changing the address area will increase security as the standard area no longer works.
- **Specify an SSID name.** This is the network name of the **radio network**. Change the default and enter a new name.
- **Switch off the SSID broadcast.** By default, wireless routers send the name of the network. This simplifies the configuration (e.g. for Windows XP). Unfortunately, this also makes your network visible in all Wireless LAN-enabled devices. If you switch off the SSID broadcast, the network name will no longer be sent.
- **Set the MAC filter.** Many access points support the filtering of MAC addresses. Activate this filter and enter the allowed MAC addresses of your network devices. This way, the access points only supports connections with the devices entered. Connection will be denied to any other devices.

- **Enable WEP or WPA encryption** Access points and WiFi adapter labelled with the WiFi logo can encrypt the transmitted data.
Please note that WEP encryption is not secure. Programs widely available on the Internet can capture your data traffic and use this data to obtain the WEP key.
- **Deactivate the "File and Print Sharing" on the Windows computer.** (This applies only if you are not running a server and do not need to access other PCs over the network). This stops unauthorised access to view or modify files on your PC.
- Deactivate the **Guest Account** on your Windows Computer.
- Install a **virus protection** software.
- Install a **firewall**.



Please note that despite all these tips, the Wireless LAN is not fully secure; however, intruders will have a much harder job breaking into your network.

If you wish to operate your Wireless LAN to a higher safety standard, please contact an IT security consultant.

Entering the Network ID**4.7 Entering the Network ID**

To get access to network resources enter information on the network identification.

1. Launch: **Start ⇒ Settings ⇒ Control Panel ⇒ Owner**
The "Owner Properties" window appears.
2. Select the **Network ID** tab.

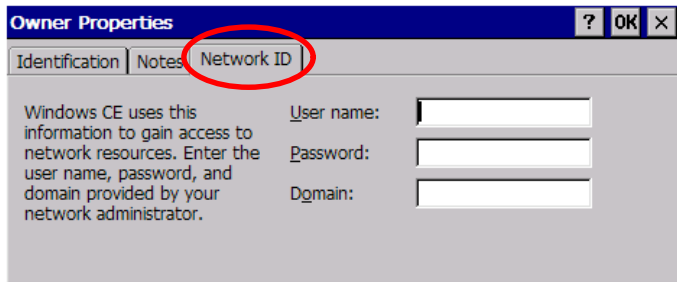


Fig.36: Owner Properties | Network ID

3. On the **Network ID** tab fill in the fields and click **[OK]** to confirm.

4.8 Updating the Operating System

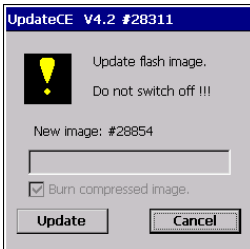


If you update the operating system all data in the memory of the skeye.pad XSL will be deleted. Prior to an update back up all data to an external memory.

⇒ Current versions of the operating system can be found on the following page: <http://forum.skeye.com>.

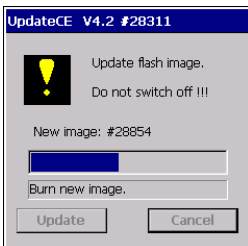
Copy the files of the update program to a Compact Flash card and insert it into the Compact Flash slot of your skeye.pad XSL.

1. Double-tap on **My Computer**.
The "My Computer" window appears.
2. Navigate to the directory of the Flash card.
3. Double-tap the "updateCE.exe" file to execute it.



4. Tap **[Update]**.

Do not interrupt this process!
While updating, the skeye.pad XSL needs to be connected to the charging station. If the power supply of the skeye.pad XSL is interrupted during the update the system software might get damaged.



5. The old operating system image will be overwritten with the new image.

Caution: All RAM data will be lost.

Updating the Operating System

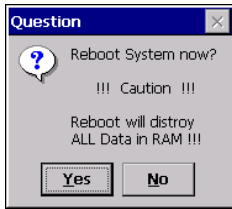


Fig.37: Update process

6. Tap **[Yes]** to finish the update.

The system reboots and the new operating system image will be loaded.



Please note:

Do not restore a SysBackup created before under the new image as this might lead to problems.

Please note that you need a license for the corresponding operating system. All licenses for a new operating system version are with costs.

If you upgraded to another operating system version you are prompted to enter a code when you start the skeye.pad XSL for the first time. To get this code please contact our service line (see chapter 10.6).

Please provide the following data:

- License code
- Serial number of the skeye.pad XSL

5. Data Backup

5.1 General Data Backup

Windows CE stores the following in the RAM:

- Working memory
- Files
- Databases
- Registry

RAM allows fast access. It is battery buffered which means that if the battery is discharged, the contents of the RAM memory will be deleted.

The **flash memory** contains all data saved in the "\FlashStorage" folder and subfolders. The data stored in flash memory will persist even if the battery is discharged.



This is why important data and programs should be stored in the "FlashStorage" folder. See also chapter 5.2.



Back up your data on the skeye.pad XSL as often as possible.

In addition, we recommend mirroring important data to your PC or other storage media.

5.2 SysBackup

The "SysBackup" programs allows the backup of changed configuration settings and installed programs to be

- created
- restored (so that they are available after a cold start of the system)
- deleted



NOTES:

- ⇒ Backup data saved with SysBackup should only be restored to the image under which they were created.
- ⇒ If the option for confirmation has been deactivated before the backup is created you are not prompted for confirmation after the booting process (see Fig.38).
- ⇒ SysBackup only stores and restores data but does not delete them. This might be important in the following scenario:
When you need a "cleaned" desktop you may delete the "My Computer" and "Recycle bin" symbols with a corresponding setting in "ExplorerConfig" as the symbols are created on the desktop by the *RegistryKey*. All other symbols on the desktop are created by "*.lnk" files in the "\windows\desktop" directory. To delete them from the desktop you need a corresponding batch file in the "autostart" directory as these symbols are always automatically stored on the desktop due to the booting process after a cold start of the unit and are not deleted when you restore a backup.

5.2.1 Calling SysBackup

Start SysBackup via

- **Start ⇒ Run ⇒ SysBackup** (enter SysBackup) or
- **Start ⇒ Programs ⇒ System ⇒ SysBackup**
The "SysBackup" window appears.

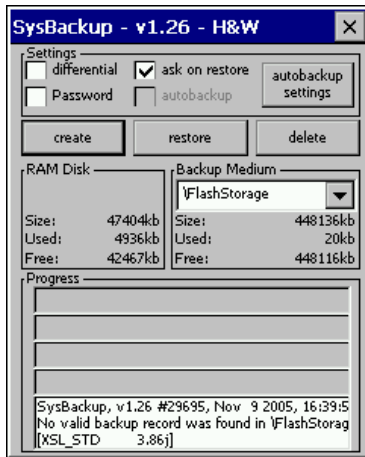


Fig.38: SysBackup

Select **[autobackup-settings]** to perform further settings.

Backup controlled by the storage battery state

Auto-scheduled backup (every 15 min.)



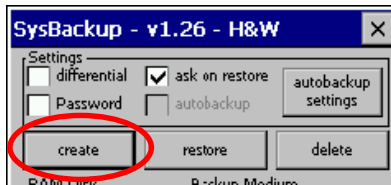
An automatic backup interval that is too short will have a negative effect on the performance.

5.2.2 Creating a Backup

Copy all important data to the "\FlashStorage" folder or its subfolders.

Everything must be backed up to ensure system settings are not lost after a battery has fully discharged or there has been a total shutdown.

1. Open the "SysBackup" program (see chapter 5.2.1).
2. In the **SysBackup** window tap **[create]**.



The message "Execute backup?" appears.

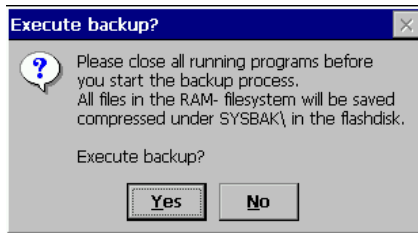


Fig.39: Execute backup?

3. Click **[Yes]** to confirm. The SysBackup is performed.
After completion the following message displays:

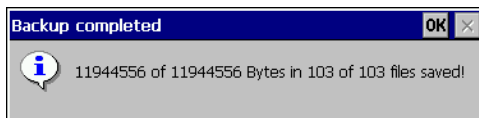


Fig.40: Backup completed

4. Click **[OK]** to close the message.
5. Click **[Exit]** to close the window.

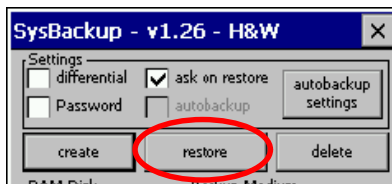
**NOTE!**

If you change your system settings e.g. after a new calibration of the touch you will have to perform a SysBackup.

If not, the settings will no longer be available e.g. after a complete power off.

5.2.3 Restoring a Backup

1. Open the "SysBackup" program (see chapter 5.2.1).
2. Select **[restore]**.



The message "Execute restore?" appears.

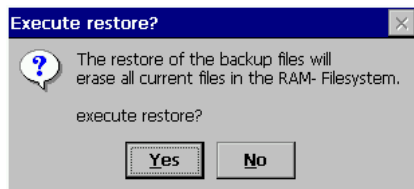


Fig.41: Execute restore?

3. Click **[Yes]** to confirm the message.
The backup will be imported.

If there is no backup after a restart or if a backup is not required (e.g. after a warm start) the "Sysbackup" program searches all flash media (including the "FlashStorage" memory card) for the "autostart.exe" application. If such application is found it will be executed. There is an autostart mechanism independent from the registry as Sysbackup will always be automatically performed after the system start.

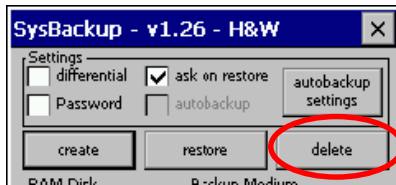


Please note:

RAM data will possibly be overwritten. All data will be updated to the state prevailing at the time of backup creation.

5.2.4 Deleting a Backup

1. Open the "SysBackup" program (see chapter 5.2.1).
2. Tap [delete].



The message "Erase backup files" appears.

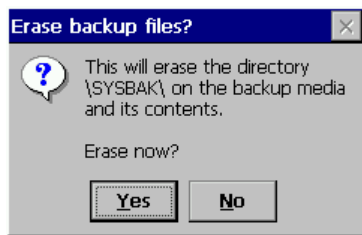


Fig.42: Erase backup files?

3. Click [Yes] to confirm the message.
The content of the "FlashStorage\SYSAK" directory will be deleted.

6. Periphery

6.1 Car Cradle

The car cradle accommodates the skeye.pad XSL in a vehicle. It serves as:

- Charging station and
- Docking station

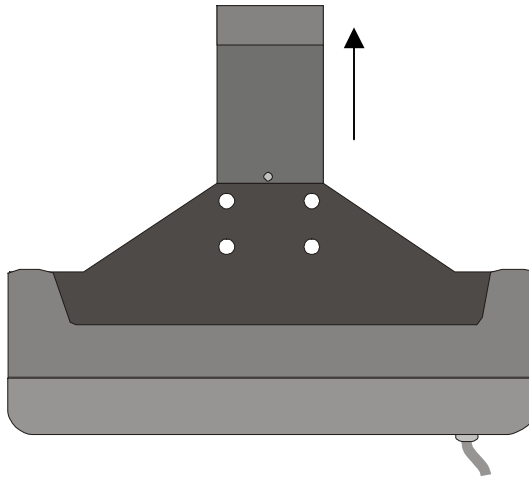


Fig.43: Car cradle

The upper part of the cradle is mounted with a spring so it can be moved upwards. This eases the insertion of the skeye.pad XSL into the car cradle.

6.1.1 Connections

Power supply and three connections can be found at the bottom side.

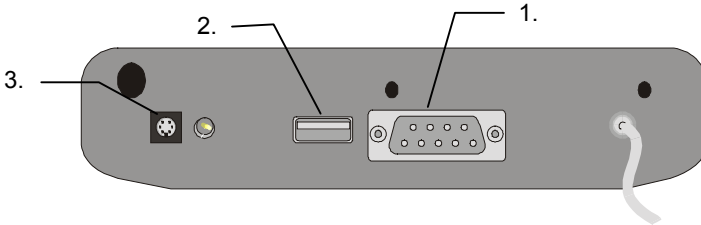


Fig.44: Car cradle, connections

1. Serial connection
2. USB host connection
3. Connection for a GPS mouse of the GNS GmbH (<http://www.gns-gmbh.de>), type MD6, or a GPS mouse with identical plug assignment.
Do not connect other peripheral devices here. The USB host and the serial connection can be used for other GPS mice.

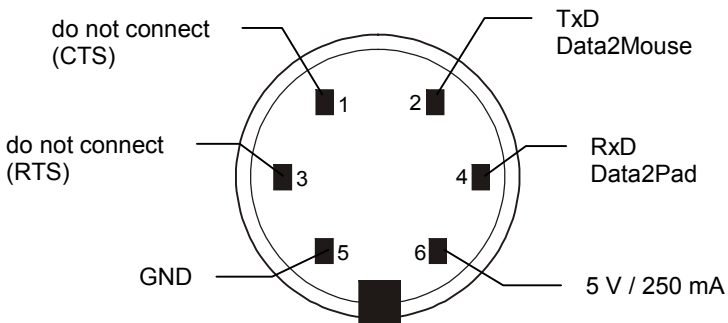


Fig.45: Car cradle, connecting socket MiniDIN 6-pole for GPS mouse GNS

Interface at skeye.pad XSL ⇒ COM2

Placing the Skeye.pad into the Car Cradle

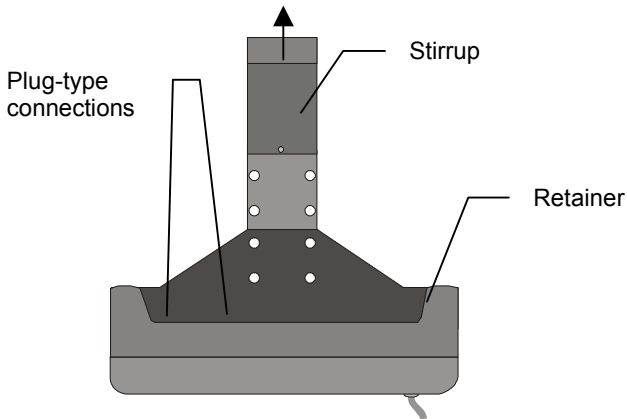


Fig.46: Car cradle with stirrup pulled upwards

1. Grasp the skeye.pad XSL at its sides.
2. Press the upper middle part of the skeye.pad XSL into the stirrup and push it upwards.
3. Place the bottom part of the skeye.pad XSL into the car cradle.
4. Re-adjust the skeye.pad XSL to ensure that it fits correctly into the plug-type connections of the cradle.

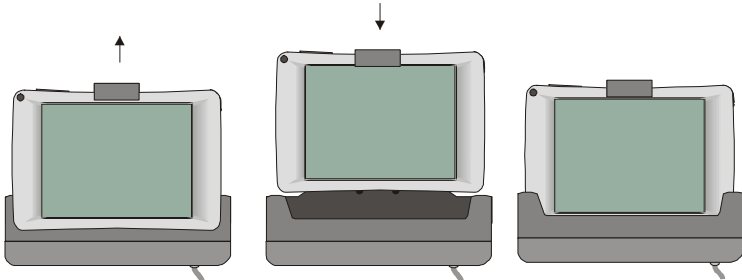


Fig.47: Car cradle with skeye.pad XSL



For more information refer to the user guide of the car cradle HW 51350.

6.2 Docking Station

The docking station is used to accommodate the skeye.pad XSL. It serves as:

- Charging station and
- for PC communication

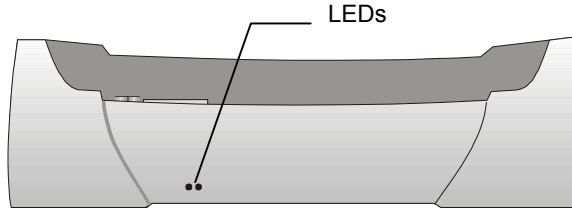


Fig.48: Docking station

Several connections can be found at the rear side of the docking station.

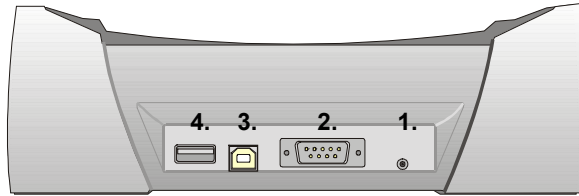


Fig.49: Docking station, connections

1. Power supply of the docking station to connect power supply unit HW 1430
2. RS232
3. USB client (to connect to a desktop PC via Active Sync)
4. USB host (to connect peripheral devices)

6.2.1 LED Function Displays

LED green ⇒ on	The skeye.pad XSL is charged.
LED orange ⇒ on	Indicates a correct connection of the docking station to the skeye.pad XSL.

6.2.2 Connecting the Docking Station to the Desktop PC

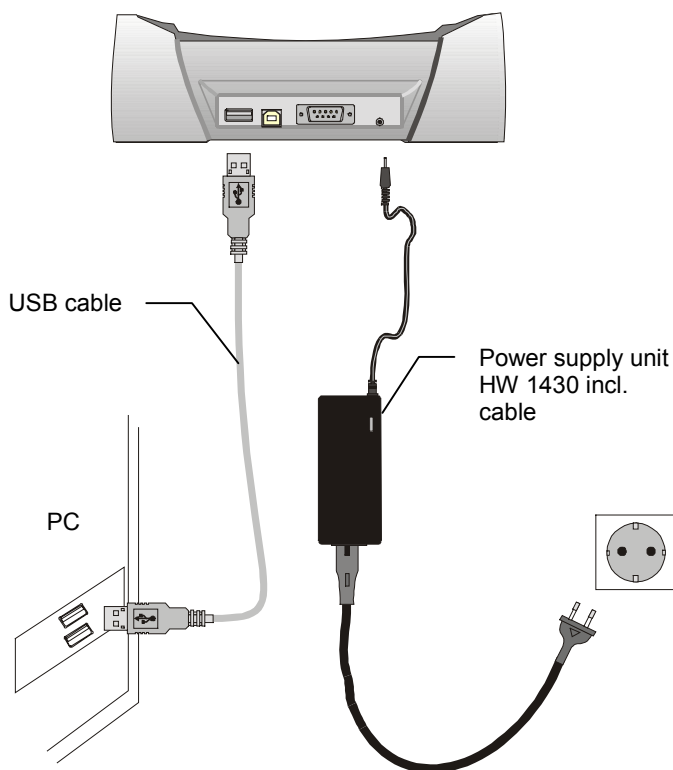


Fig.50: Docking station ↔ PC

1. Establish a connection between the docking station and the desktop PC at an USB port.
2. Connect the power supply unit to the docking station.
3. Insert the mains plug into the socket.

7. Communication/Data Exchange

7.1 General Information on Exchanging Data with the Desktop PC

You can connect your skeye.pad XSL to a desktop PC using a docking station.

You may either use the USB client connection or the serial connection.

Please note that you have to perform the corresponding settings in ActiveSync when you change the connection type (see chapter 7.4).

To establish a connection between the skeye.pad XSL and a desktop PC install the ActiveSync program on your desktop PC (see chapter 7.2.2). Then, you can establish a connection between the devices and setup a partnership between the skeye.pad XSL and the desktop PC.

7.2 Exchanging Data via ActiveSync

Using the ActiveSync program you can perform the following tasks (between your desktop PC and your skeye.pad):

- Securing and restoring skeye.pad XSL data
- Adding and removing programs on your skeye.pad XSL
- Synchronising files
- Transferring and copying files

7.2.1 System Requirements for the ActiveSync Program

- Desktop PC with a 486/33DX processor or higher
- Microsoft Windows NT Workstation 4.0 or Windows 95 (or higher)
- 8 MB main memory (12 MB recommended) for Windows 95 or higher and 16 MB main memory (32 MB recommended) for Windows NT Workstation
- Hard disk with 10 to 50 MB free memory space (the actual demand depends on the selected functions and the current system configuration)
- Available 9-pole serial connection for remote data transmission
- VGA graphics adapter board or graphics adapter board with higher resolution (SVGA 256 colours recommended)

7.2.2 Installing ActiveSync on Your Desktop PC

1. Start the Internet Explorer on the desktop PC and enter the following internet address: www.microsoft.com:
The following window appears:



Fig.51: Microsoft Internet Page

2. Under **Product Resources** click **Downloads**.
3. Under **Download Categories** select **Mobile Devices**.
4. Another window appears. Search in **Mobile Devices** for **Microsoft ActiveSync**.
5. Select a version.
6. Then, follow the instructions to download and install.
7. Restart your desktop PC.
8. After the restart the **Establish connection** window appears. Here, you are prompted to establish a connection to your skeye.pad XSL.

7.3 Sending and Receiving Data

7.3.1 skeye.pad XSL ⇔ Desktop PC

We recommend using the ActiveSync program for a PC communication. Information on the installation of the program can be found in chapter 7.2.

1. Place the skeye.pad XSL into the docking station connected.
2. Switch on the skeye.pad XSL.
3. Switch on the desktop PC.
4. On your skeye.pad XSL: **Start ⇒ Programs ⇒ Communication ⇒ PC direct connection**

The "Connecting to USB" window appears.

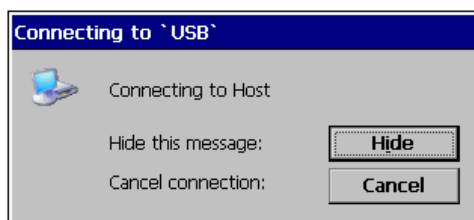


Fig.52: Connecting to 'USB'

As soon as the connection to the desktop PC has been established the window is hidden.



If a connection cannot be established check the cable position and the position of the skeye.pad XSL in the docking station. In addition, check the settings and then try again.

If a connection has been established the **New Partnership** window is displayed on your desktop PC.

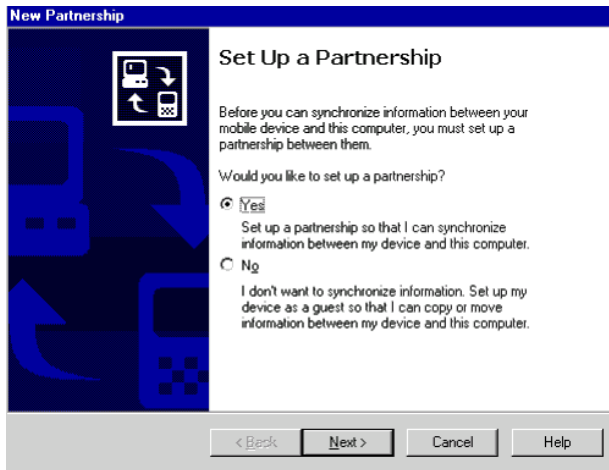


Fig.53: New Partnership

Here, you may

- select **Yes** to synchronise your skeye.pad XSL with your desktop PC or
- select **No** to logon as guest to the desktop PC.

Select **Yes** (see chapter 7.3.1.2)

or **No** (see chapter 7.3.1.1) and click [**Next >**] to confirm.

7.3.1.1 No – Login as Guest

If you log in as guest to your desktop PC with your skeye.pad XSL, you can copy or move files from the desktop computer to the skeye.pad XSL and vice versa.

No automatic synchronisation of calendar and files will take place. This would require setting up a partnership.

1. If you select **No** in the **New Partnership** wizard, you will see the following window:



Fig.54: Microsoft ActiveSync | Login as Guest

2. You may now access your skeye.pad XSL from your desktop PC.

Click the **My Computer** symbol on your PC:



The "My Computer" window opens up displaying all available directories and devices.

3. On your desktop PC, select the symbol for mobile devices as well as a directory.

Sending and Receiving Data

7.3.1.2 Yes – Setting up a Partnership

If you set up a partnership between the skeye.pad XSL and your desktop PC, you will be able to copy or move files from the desktop computer to the skeye.pad XSL and vice versa as well as automatically synchronise calendar and files.

1. If you selected **Yes** in the **New Partnership** wizard, you will see the following window:

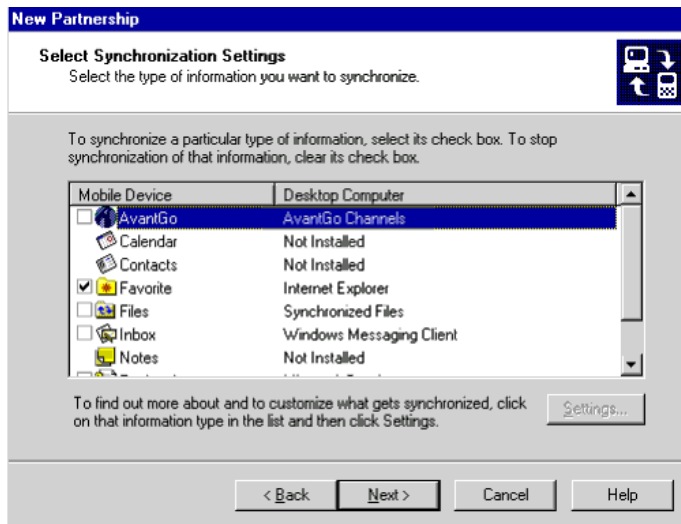


Fig.55: New partnership | synchronisation settings

2. Activate the check boxes you want to synchronise with your skeye.pad XSL.
To display appointments, contacts or tasks on your skeye.pad XSL you require additional software not included in delivery.
3. Then, select [**Settings**] to define the synchronisation settings.

The following window appears (see next page):

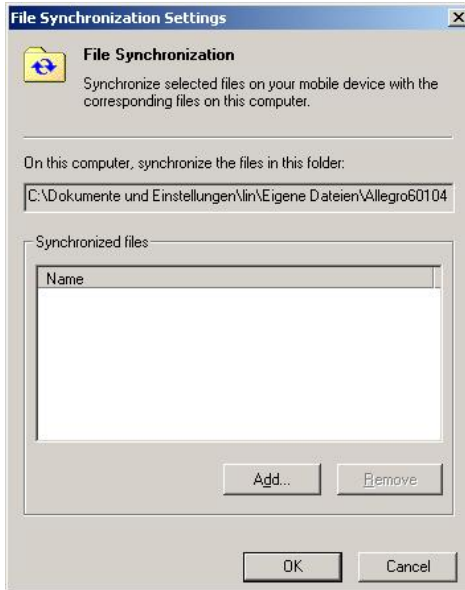


Fig.56: File Synchronisation settings

7. In this window select the desired settings for synchronisation and click **[OK]** to confirm.

The "New partnership", synchronisation settings window appears again.

8. Select **[Next >]**.

The following window appears:

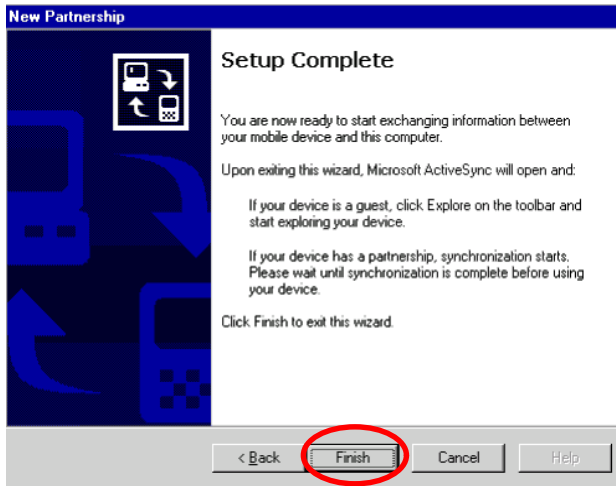


Fig.57: New partnership | Setup Complete

9. Select **[Finish]**.

Having completed the setup, the following window appears:

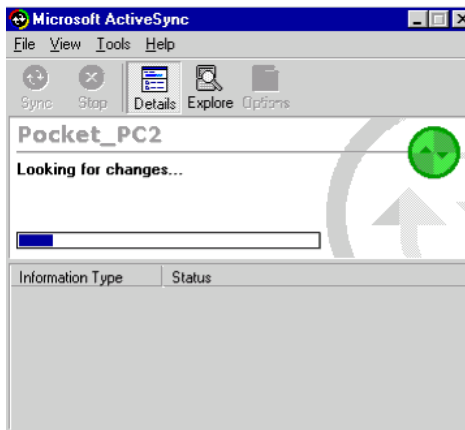


Fig.58: Microsoft ActiveSync

The synchronisation has been completed successfully.

7.4 Changing the Interface

You may connect your skeye.pad XSL serially or via USB to a PC. To change the interface used proceed as follows:

1. **Launch: Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears.
2. Double-tap the symbol for the PC connection.
The "PC Connection properties" window appears.

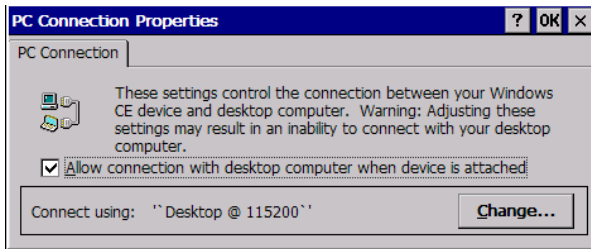


Fig.59: PC connection properties

In the "Connect using" area you see the interface used by the skeye.pad XSL to search for your computer.

3. Tap [**Change**] to change the interface. *The "Change connection" window appears.*

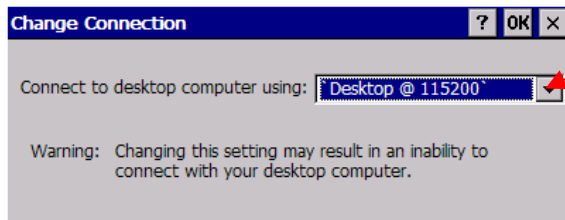


Fig.60: Change Connection

4. Tap the arrow to see the interfaces available.
5. Select the interface.
6. Tap [**OK**] and close both windows.

7.5 Internet Explorer

To change internet options in the Internet Explorer proceed as follows:

1. Double-tap the following symbol: . *The Internet Explorer opens up.*
2. In the menu bar of the Internet Explorer select **View**.
3. In the **View** menu select **Internet Options**.

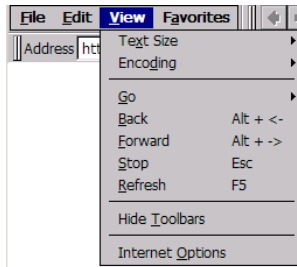


Fig.61: Internet Explorer | View

4. In the **Internet Options** menu select the **Connection** tab. *The "Connection" tab appears.*

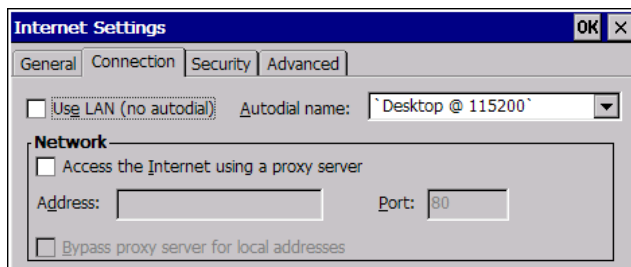


Fig.62: Internet Explorer | Connection

5. On the **Connections** tab select the connection type.
 - If you use the skeye.pad XSL in a network environment (e.g. via WiFi or Ethernet card) select **Use LAN**.
 - If you use the internet via dial-up connection (e.g. modem) select the corresponding connection under **Autodial name**.

This dial-up connection will be automatically started when you open the Internet Explorer.

6. To setup internet connections via proxy server in the network select **Access the Internet using a proxy server** and enter the network address of the proxy server.
7. Click **[OK]** to confirm.
8. Close the Internet Explorer.

8. Technical Data

Processor:	Intel XScale PXA255 CPU, 400 MHz
Memory:	128 MB SD-RAM 128 MB Flash
Touch:	
Technology:	Resistive
Size:	8,4"
Display:	
Type:	8,4 " (21 cm) transmissive, brilliant TFT display
Resolution:	800 x 600 Pixel
Amount of colours:	65,536 Colours
Format:	Landscape
Storage battery:	exchangeable Lithium-Ion battery, 3.9 Ah
Operating time of the storage battery:	Approx. 6-8 h
Lifetime of the storage battery:	Approx. 500 re-charging cycles
Temperature range:	
Working:	0 °C - +50 °C
Storage:	-20 °C - +60 °C
Relative humidity:	10 - 90 %, not condensing
Size:	240 x 160 x 30 mm
Weight:	About 900 g
Connectors & Ports:	• RS232 • USB host • USB device • Integrated WiFi module, 802.11 g (optional)* • PCMCIA slot Type II • CF slot Type II • SD slot

* For the WiFi option there is no SD slot.

9. Troubleshooting

In case there is no problem solution in this chapter

- open our homepage (www.skeye.com) and change to the support forum <http://forum.skeye.com> or
- call our service hotline. The phone numbers can be found in chapter 10.6.

9.1 Reset via Software

If an application does not react use the software to perform a restart.

Select: **Start ⇒ Programs ⇒ System ⇒ Reset**



NOTE!

After a software reset all data and settings will still be available on your skeye.pad XSL.

9.2 Reset via Hardware

If the touch screen does not react or if you cannot switch on the device, press the reset button at the back of the skeye.pad XSL.



Fig.63: skeye.pad XSL, Reset

To initiate a reset you need a long tapered object, e.g. a bent up paper clip.

Press the reset key carefully with low expenditure of force.



Please note:

After a hardware reset, all data and settings including the RAM data are deleted from you skeye.pad XSL.

9.3 Internet Connection Cannot be Established

General:

Connections settings available?

Open **Start → Settings → Control Panel → Network and dial-up connection**.

There must be at least one connection created. If there is no connection available create a new one. Use either a modem or the Wireless LAN.

Internet explorer connection OK?

Open the Internet Explorer.
In the **View** menu select **Internet Options**. Select the **Connection** tab. If required, activate **Autodial name** or **Use LAN**. If required, activate **... using a proxy server** and enter its address.

Is the Internet Explorer set to online?

Open the Internet Explorer and deactivate **Work Offline** in the **File** menu.

ActiveSync Connection Cannot be Established**9.4 ActiveSync Connection Cannot be Established****9.4.1 Checking the Connection of the Docking Station**

Ensure all cables and power supply units are connected properly.
The green LED of the docking station indicates operation readiness.

9.4.2 Checking Connection Settings on the Desktop PC

1. Start **ActiveSync** on the desktop PC.

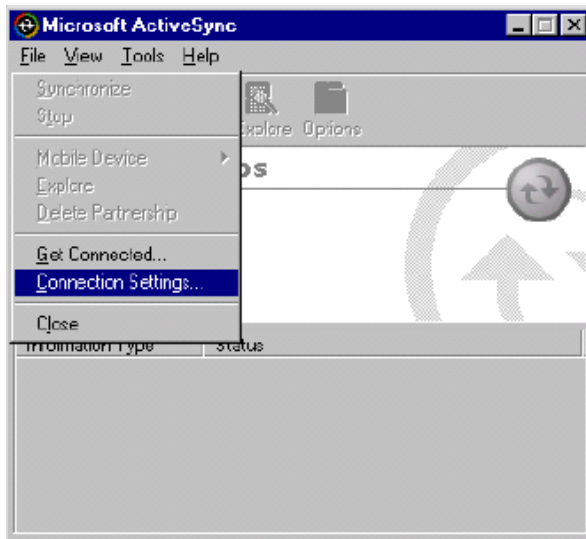


Fig.64: ActiveSync | File

2. Select **Connection Settings...** in the **File** menu.
The "Connection settings" window appears.

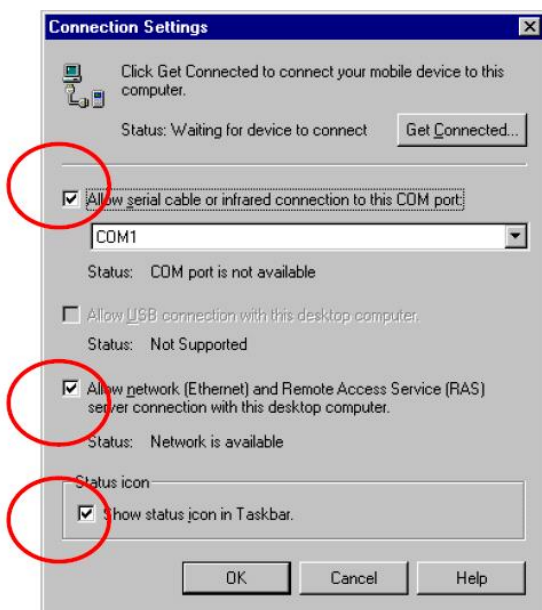


Fig.65: Connection Settings

3. Check the settings and change if required.
4. Click **OK** to confirm.



If your desktop PC is protected by a firewall note that those programs might prevent ActiveSync connections.

9.4.3 Checking Registry Entries

If you are unable to establish an ActiveSync connection between the skeye.pad XSL and the PC via the **serial interface**, Microsoft recommends checking that the following Registry entries are present, and if not, editing the Registry accordingly.

**CAUTION!**

Registry entries must only be changed by experienced and authorised users (administrator).

Höft & Wessel as the producer does not accept any liability for damages (e.g. data loss, security vulnerability and so on) caused by registry changes.

Procedure for serial connections:

- On your PC call **Start ⇒ Run ⇒** enter **Regedit** and execute.
- Select HKEY_LOCAL_MACHINE or HKEY_CURRENT_USER.
- Open "Software\Microsoft\Windows CE Services".
⇒ Do you see the following entries?
 1. [HKEY_LOCAL_MACHINE\Software\Microsoft\Windows CE Services]
"SerialPort"= <Value> "COM1" (or <Value> COM2)
 2. [HKEY_CURRENT_USER\Software\Microsoft\Windows CE Services]
"SerialBaudRate"=0001c200 (115200) (for 115 kbit/s)

If the entries are not present add them.

- Under HKEY_LOCAL_MACHINE click "Windows CE Services".
- Call "Edit ⇒ New ⇒ String Value".
- Enter "SerialPort" (no quotation marks)
- Double-tap "SerialPort".
The "Modify String" window appears.
- Enter COM1 (or the COM port you use).

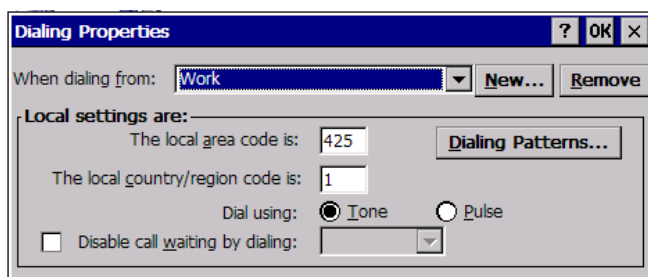
- Under HKEY_CURRENT_USER click "Windows CE Services".
- Call "Edit ⇒ New ⇒ DWORD Value".
- Enter "SerialBaudrate" (no quotation marks)
- Double-click "SerialBaudRate" to open the "Modify DWORD Value" window.
- Select "Decimal" and enter "115200" (no quotation marks)
- Close the registry editor.
- Restart your PC to enable changes.

10. Annex

10.1 Dialing Patterns

A dialing pattern defines the dialing location and dialing type.

1. **Launch: Start ⇒ Settings ⇒ Control Panel**
The "Control Panel" menu appears (see Fig.6).
2. Double-tap the symbol for **Dialing**.
The "Dialing properties" window appears.



Example: If you are in your office, the dialing patterns ensures that the number you will call is preceded by a zero. If you are at home, no preceding zero will be dialed.

Use the **[New]** button to define new locations, use the **[Remove]** button to delete them.

3. Select „Work“ or „Private“ and tap on **[Dialing Patterns...]**.

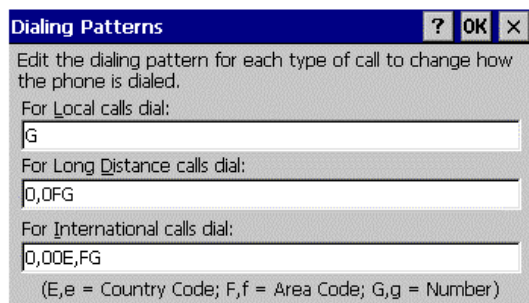
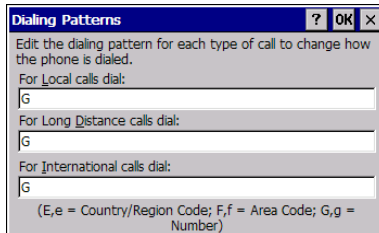


Fig.66: Dialing patterns 1

- If you only enter a “G” in all 3 rows, the telephone number you entered in the “Telephone number” field of the “Make New Dial Up Connection” window will be dialled exactly. In this case, the remaining fields for the country and area are of no significance.



This is the simplest way of adjusting.

Fig.67: Dialing patterns 2

- If you enter additional entries, the telephone number will be composed of the additional entries for country code and area code.

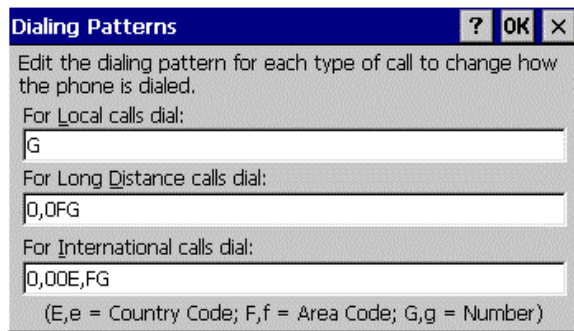


Fig.68: Dialing patterns | additional entries

The example above shows dialling via outside line access. Here, the preceding zero must be entered (0,G).

Here, the **Country code** and **Area code** fields are compared to the local settings (e.g. office) and will only be dialled when the number of the location and the number of the destination are different.



If you are at a different location as entered in your local settings dialling problems might occur as the program always compares the number to be dialled with the local settings.

10.2 Taskbar/Symbol Description

The following symbols may appear in the taskbar:

Symbol	Meaning
	The storage battery is charged (see chapter 3.2)
	Less than 30% storage battery capacity
	Storage battery needs recharging
	Transcriber program activated (see chapter 3.1.2)
	Transcriber program started but deactivated
	Show keyboard (see chapter 2.5.3)
	Hide keyboard (see chapter 2.5.3)
	Call desktop (see chapter 2.5.6)
	"ClickRight" function
	Indicates an online connection
	Network connection established (see chapter 3).
	No network connection
	ActiveSync connection established (see chapter 7.2).

10.3 Special Commands

The table below contains the special commands not part of the default Windows CE command set:

Launch via the **Start** menu:

Start → Run → <Enter call command> **or**

Start → Programs → System

Special command	Result
Reset	Resets the skeye.pad XSL. Terminates all running programs and restarts the skeye.pad XSL. RAM data is maintained.
Suspend	Switch off: RAM content is maintained (storage battery on)
SysBackup	Backs up all programs and data present in RAM to the flash disk or restores programs and data from the flash disk. This is recommended prior to a total shutdown.
SysInfo	Displays the operating system version and the device number.

10.4 Conformity declarations


HÖFT & WESSEL


EC Declaration of Conformity

Manufacturer: Höft & Wessel AG
Address: Rotenburger Straße 20, 30659 Hannover
Product: **skeye.pad XSL**
Type: **HW 90350**

Höft & Wessel AG declares that the above mentioned product complies with the essential provisions of the following EC directives when used for its intended purposes.

a) EC-directive 89/336/EEC relating to electromagnetic compatibility amended by 92/31/EEC, 93/68/EEC

Harmonised standards applied:

EN 61000-6-3 : 2001
EN 55022 : 1998+A1:2000+A2:2003, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995+A1:2001

EN 55024 : 1998+A1:2001+A2:2003
EN 61000-4-2 : 1995+A1:1998+A2:2001, EN 61000-4-3 : 2002+A1:2002, EN 61000-4-4 : 1995+A1:2001+A2:2001,
EN 61000-4-5 : 1995+A1:2001, EN 61000-4-6 : 1996+A1:2001, EN 61000-4-11 : 1994+A1:2001

Hannover, 24.02.06
Name and signature 
Hansjoachim Oehmen
Höft & Wessel AG



Kraftfahrt-Bundesamt

DE-24932 Flensburg

EG - TYPGENEHMIGUNGSBOGEN EC TYPE-APPROVAL CERTIFICATE

Benachrichtigung über

- die **Typgenehmigung**

für ein Bauteil gemäß der Richtlinie 72/245/EWG, zuletzt geändert durch die Richtlinie 95/54/EG

Communication concerning the

- **type-approval**

of a type of component with regard to Directive 72/245/EEC, as last amended by Directive 95/54/EC

Typgenehmigungsnummer: **e1*72/245*95/54*4643*00**

Type-approval No.:

Grund für die Erweiterung:

Reason for extension:

entfällt

not applicable

ABSCHNITT I SECTION I

0.1. Fabrikmarke (Handelsname des Herstellers):

Make (trade name of manufacturer):

Höft & Wessel AG

0.2. Typ:

Type:

HW 90350

Handelsbezeichnung(en):

General commercial description(s):

skeye.pad XSL



Kraftfahrt-Bundesamt

DE-24932 Flensburg

2

Nummer der Genehmigung: e1*72/245*95/54*4643*00
Approval No.:

- 0.3. Merkmale zur Typidentifizierung, sofern am Bauteil vorhanden:
Means of identification of type, if marked on the component:
entfällt
not applicable
- 0.3.1. Anbringungsstelle dieser Merkmale:
Location of that marking:
entfällt
not applicable
- 0.4. Fahrzeugklasse:
Category of vehicle:
entfällt
not applicable
- 0.5. Name und Anschrift des Herstellers:
Name and address of manufacturer:
Höft & Wessel Aktiengesellschaft
DE-30659 Hannover
- 0.7. Bei Bauteilen und selbständigen technischen Einheiten, Lage und Anbringungsart des EG-Genehmigungszeichens:
In the case of components and separate technical units, location and method of affixing of the EEC approval-mark:
Aufkleber auf der Geräterückseite
stick-on label on the back side of the device
- 0.8. Anschrift(en) der Fertigungsstätte(n):
Address(es) of assembly plant(s):
PSI Printer Systems international
DE-57080 Siegen
- Ihlemann GmbH**
DE-38112 Braunschweig
- VOTRONIC, Entwicklungs- und Produktionsgesellschaft**
für elektronische Geräte mbH
DE-66386 St. Ingbert
- Zollner Elektronik AG**
DE-93499 Zandt
- Gohlke Elektronik GmbH**
DE-31135 Hildesheim



Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Nummer der Genehmigung: e1*72/245*95/54*4643*00
Approval No.:

ABSCHNITT II SECTION II

1. Zusätzliche Angaben (erforderlichenfalls):
Additional information (where applicable):
siehe Anlage
see appendix
2. Für die Durchführung der Prüfungen zuständiger technischer Dienst:
Technical service responsible for carrying out the tests:
ETS Electronic Technology Systems Dr. Genz GmbH
DE-15526 Reichenwalde
3. Datum des Prüfprotokolls:
Date of test report:
09.02.2006
4. Nummer des Prüfprotokolls:
Number of test report:
GOM20505-9533-M-11
5. Gegebenenfalls Bemerkungen:
Remarks (if any):
siehe Anlage
see appendix
6. Ort: **DE-24932 Flensburg**
Place:
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10.5 Glossary

COM	Communication Port Communication ports are the serial interfaces COM1 and COM2.
DECT	Digital Enhanced Cordless Telecommunications A cordless phone standard widely used in Europe with a range of up to 300 m.
DRAM	Data Random Access Memory dynamic, volatile direct access memory (working memory)
Flash memory	The flash-memory is a non-volatile memory type with a block-orientated way of work.
GSM	Global System for Mobile Communications Technology of D-Net- and E-Net-mobile telephones widely spread in Europe and other parts of the world.
Calibration	Optimisation/fine adjustment of the touch
LED RAM	Light Emitting Diode Random Access Memory volatile (working) memory with random access
Registry	A central hierarchical database storing important information on system configuration, user, applications, and hardware devices.
Reset	Resets the computer to a defined state.
SDRAM	Synchronous Data Random Access Memory
SSID	S ervice S et I dentifier
SVGA	Super Video Graphics Array] Graphics standard with a resolution of 800 x 600 pixel
VPN	Virtual Private Network defines the construction of a secure communication channel via the internet. VPN encrypts data

packages of any protocol and transmits them via the internet.

USB	Universal Serial Bus A bus system to connect a computer to external USB peripheral devices for exchanging data.
WEP	Wired Equivalent Privacy Encryption type used in wireless local area networks according to IEEE standard 802.11
WiFi	Wireless Fidelity It is a set of product compatibility standards for wireless local area networks (WLAN)
WPA	Short for WiFi (Wireless Fidelity) Protected Access] a specification for standardised compatible security improvements improving data protection (encryption) and access control (Authentication) for existing and future wireless WiFi LAN systems.

10.6 Manufacturer's Address

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10.7

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