

# skeye.

skeye.pad POS  
HW 90396/R14

Version 1.0



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# 1. Introduction

## 1.1 Safety Instructions (Supplemental Directives)

### 1.1.1 General Safety Instructions

Where the instructions below use the term *device*, this refers to the skeye.pad POS, the associated desktop cradle, the battery charger station, the battery and other electrical accessories supplied by skeye or Höft & Wessel.



- ◆ **Use only the HW 50396 desktop cradle or the HW 16396 battery charger to charge the battery. There is a risk of explosion and fire if other chargers are used.**
- ◆ **Never expose your device to extreme temperatures, for example, by leaving it under the windshield in a vehicle. There is a risk of explosion and fire.**
- ◆ **Switch off the device immediately if it starts to emit smoke, unusual odors or noises. If you continue to use the device, there is a risk of fire and electric shock. Have the device repaired by the bring-in service.**
- ◆ Please note that the paper cutter on the skeye.pad POS is sharp and can cause cuts if handled carelessly.
- ◆ Do not place any objects on the device! It could fall and injure someone.



- ◆ Only operate your skeye.pad POS with the accessories supplied, the use of other accessories will lead to defects.
- ◆ Do not use your device in humid environments (bathrooms, swimming pools etc.). It must be protected against splashes of water and other fluids. Liquids can penetrate the device through the openings on the casing and cause a short circuit.
- ◆ Do not insert any objects that do not meet the specified purpose into the openings on the casing. This will cause damage to the casing and could lead to a short circuit.
- ◆ Protect your skeye.pad POS from dust. Dust could penetrate your skeye.pad POS and interfere with its proper functioning.

- ◆ Only store the skeye.pad POS with a fully charged battery fitted. Otherwise the power reserves in the floating battery will be consumed. Discharged floating batteries must be replaced by qualified service personnel.
- ◆ The skeye.pad POS is not a toy. Store your skeye.pad POS out of reach of young children.
- ◆ Protect the skeye.pad POS against theft and misuse!  
The skeye.pad POS contains data that can represent large [monetary] values!
- ◆ The device does not contain any parts that can be maintained, replaced or repaired by customers or service personnel not employed by Höft & Wessel! If you open the device improperly, this leads to the destruction of the casing and to the loss of data in the skeye.pad POS!

### 1.1.2 Safety Instructions for the Battery

A lithium-ion battery is fitted at the rear of the skeye.pad POS. The lithium-ion battery is characterized by a high energy density. It is thermally stable, delivers a constant voltage throughout the discharge period and is not subject to a memory effect.



- ◆ **The battery is sensitive to mechanical and thermal shocks. Furthermore, the chemicals contained in the battery are highly reactive. The battery should therefore only be used for the purpose intended and should be handled with care. Otherwise, you run the risk of causing an explosion or fire, which could result in serious personal injury!**

#### *Mechanical shock*



- ◆ **The battery must not be:**
  - **thrown!**
  - **dismantled!**
  - **modified!**
  - **punctured with a nail or other sharp objects!**
  - **subjected to impact by a heavy object, for example, trodden on or hit with a hammer!**

**Mechanical damage can lead to internal short circuits. The high current can melt the casing and cause it to catch fire. Under certain circumstances, this defect may not be immediately apparent. The battery can still explode or burst into flames 30 minutes after the damage is inflicted.**

#### *Chemical Reactions*



- ◆ **Do not immerse the battery in water or salt water or allow it to get wet!**  
**Lithium is a highly reactive metal. The components of a lithium-ion battery are highly combustible. Although lithium-ion batteries are hermetically sealed, they should not be immersed in water; (defective) lithium cells react violently**

with water, particularly when fully charged. Burning batteries must therefore be extinguished using sand, not water. Otherwise, there is a risk of explosion!



### *Thermal Shock*

♦ The battery must not be:

- used or charged close to sources of heat such as heaters or open fires!
- connected to cigarette lighters and other chargers!
- thrown into a fire or heated!
- recharged close to open fires or in extremely hot weather!
- soldered!
- placed in a microwave or in pressurized containers!

Exposing the lithium-ion batteries to thermal shock can cause the internal barrier between the fluids (separator) to melt, which will lead to a short circuit. This poses a risk of explosion and fire!



### *Explosion*

♦ The battery must not be:

- transported or stored together with metallic objects such as hairpins, necklaces or tools! These objects could create a connection between the positive and negative terminals of the battery. The resulting short circuit creates a risk of fire or explosion!
- stored with other chargers! Use only the HW 50396 desktop cradle or the HW 16396 battery charger to charge the battery. If you use a different battery charger, the battery may be overcharged thus creating a risk of fire and explosion!

Internal protection circuits prevent total discharge, overcharging or overloading of the battery. If the internal protection circuit is defective or is short-circuited, the battery may catch fire or even explode.



If electrolytic fluid leaking from the battery gets into your eyes, do not rub them. Instead, rinse them out under running water and then seek immediate medical assistance.

The electrolyte can be rinsed out with water, it does not react like lithium.

If electrolytic fluid leaking from the battery gets onto your clothing or your skin, you must wash your skin or clothing under running water to prevent contamination of the skin.

The electrolyte can be rinsed out with water, it does not react like lithium.



### 1.1.3 Safety Instructions for the Power Supply

The power supply can be used to power the desktop cradle or the battery charger.



- ◆ **Never plug in or remove the power cable with wet hands. This could give you a severe electrical shock.**
- ◆ **Handle the power cable with care. For example, do not place any objects on the cable, do not subject the cable to excessive bending, twisting or tensile forces.**  
**The use of damaged cables can lead to a fire or an electrical shock.**
- ◆ **Do not run the cable close to heaters! The cable's insulation may be damaged and this can cause a fire or a severe electrical shock.**
- ◆ **Hold the cable by the plug when removing it from an electrical outlet. Do not pull the cable itself! The cable's insulation may be damaged and this can cause a severe electrical shock.**
- ◆ **Never attempt to modify or repair the power cable. Improperly executed repairs to the cable could cause a severe electrical shock or lead to fire as a result of a short circuit.**
- ◆ **Always connect the device directly to a wall outlet; do not use plug strips.**  
**Overloading a plug strip can cause a fire, resulting in serious personal injury.**
- ◆ **The supply voltage must match the technical data displayed on the device, an overload or underload could cause a fire.**
- ◆ **Disconnect the power plug from the wall on a regular basis and clean the base of the contacts and the area between the contacts. If the power plug is left plugged in for long periods, dust can accumulated at the base of the contacts, which could lead to a short circuit and fire.**
- ◆ **Only connect the cable in the manner described in this manual. Other cable connections could lead to a short circuit and cause a fire.**
- ◆ **Make sure that plug is clean and dry before you plug it in.**
- ◆ **Always connect the power cable to the device before connecting it to a wall outlet.**
- ◆ **Push the poles of the plug all the way into the wall outlet.**
- ◆ **For safety reasons, remove the power plug from the wall outlet if you will not be using the device for a long period.**

### Warranty instructions

- ◆ Only use genuine accessories with your skeye.pad POS. Failure to comply with this regulation will invalidate the warranty.
- ◆ Never attempt to open your skeye.pad POS and/or carry out repairs and/or modifications yourself. The manufacturer accepts no liability for any damage that may be incurred as a result.
- ◆ Any interference by unauthorized persons will invalidate the warranty.
- ◆ Only chargers recommended by the manufacturer may be used to charge the battery.  
The use of a different charger could pose a hazard; this will also invalidate the warranty for your skeye.pad POS.
- ◆ Damage caused by improper packaging of the skeye.pad POS during shipping and/or unauthorized interference will invalidate the warranty.

#### 1.1.4 Safety Notes: WLAN

Wireless LAN data communication can be easily intercepted and recorded. Anyone who is operating a WLAN 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 WLAN more difficult, WLAN 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.

#### 1.1.4.1 How to Secure your Wireless Network

We have compiled some tips below to make unauthorised access to your WLAN more difficult.

- a. **Change the password** of the router or access point (very important).  
These units are factory-set to a default password. If you do not change this password anybody can re-configure your router or access point.
- b. **Change the address range.** Unless you have enabled DHCP (automatic IP address allocation), changing the used address range provides additional security as the default range no longer works.
- c. **Give your network a SSID name.** This is the network name of your wireless network. Change the pre-set name and enter another name.
- d. **Disable SSID broadcast.** The router's default setting enables broadcasting the network name as this simplifies configuration (for instance in Window XP). Unfortunately, this also makes your network visible in all WLAN-enabled devices. By hiding your SSID, your network name is no longer sent out.
- e. **Enable MAC filtering.** Many access points support access control by filtering MAC addresses. Enable this access control and enter the MAC addresses of allowed network devices. Now the access point will only allow connections to your PC. Connection will be denied to any other devices.
- f. **Enable WEP Encryption.** Access points and Wireless LAN 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 in a little while.
- g. **Disable File and Printer Sharing on your Windows PC.** (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.
- h. **Disable the Guest Account on your Windows PC.**
- i. **Install a recommended antivirus program.**
- j. **Install a personal firewall.**



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

If you wish to operate your WLAN to a higher safety standard, please contact an IT security consultant (such as a system house).

### 1.1.5 Safety Instructions for Data Loss

#### **NOTICE**



- ◆ Back up all data recorded on a regular basis and save these on external storage media!  
Under specific circumstances, virtually all electronic storage systems can be affected by data loss or data corruption. We therefore accept no liability whatsoever for data that is lost or rendered otherwise unusable as a result of improper use, repairs, malfunctions, battery problems, software errors or any other reasons.

We accept neither direct nor indirect liability for financial losses or claims for damages by third parties that could arise from the use of this product and all of its associated functions, such as stolen credit card numbers, lost or corrupt data etc.

### 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.

SAR compliance for the specific transmitter condition was evaluated for body-worn configuration. The maximum reported body 1g average SAR value in the 2.4 GHz-band for this filing is: 0.182 mW/g.

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

## 1.2 Normal Use

The skeye.pad POS is designed for use in commercial environments and is used exclusively for data acquisition and transmission purposes (e.g. for selling goods) inside buildings or vehicles or in outside areas under moderate climatic conditions.

The skeye.pad POS is not intended for use in private households.

Pay attention to all information in this user manual, especially the safety instructions. Normal use refers exclusively to the operation of the device in accordance with the instructions contained in this documentation. Any other use shall not be considered normal use and can lead to property damage or even personal injury.

No liability is accepted for any damages incurred as a result of improper use.

## 1.3 Explanations for the Instruction Manual

### 1.3.1 Safety Instructions and Pictographs

Safety instructions always appear in the same format in the instruction manual. This manual contains four different levels of safety instructions.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE is used to address practices not related to personal injury.

As used in this instruction manual in general and with regard to safety information, safety messages and warnings in particular, the following words have the following meanings:

May	This word is understood to be permissive. You can do what is mentioned.
Shall	This word is understood to be mandatory. You must do what is required.
Should	This word is understood to be advisory. It would be a good idea to do what is described and it is recommended that you comply.



This symbol indicates an alternative method of performing a particular task or provides additional information about a topic.

### 1.3.2 Contents of the Instruction Manual

The instruction manual has been structured in such a way as to allow you start using your skeye.pad POS quickly.

The instruction manual is organized into the following sections:

- ◆ Introduction
- ◆ Safety Instructions
- ◆ Technical Data
- ◆ User Instructions
- ◆ Communication Link

## 1.4 Purpose of the Document

This user manual provides comprehensive user instructions.

## 1.5 Target Audience

This documentation is aimed at all users of the skeye.pad POS.

## 1.6 Terminology

skeye.pad POS HW 90396	Versatile mobile terminal suitable for a wide range of applications. Referred to below as the "skeye.pad POS".
Power supply HW 14396	Wide-range power supply for powering the skeye.pad POS and the desktop cradle.
Desktop cradle HW 50396	Desktop cradle for the skeye.pad POS. Allows you connect your skeye.pad POS to a desktop PC.
Battery charger HW 16396	External charger for battery model HW 19396.
Compact flash memory card	Compact flash memory card (also referred to below as " <i>CF memory card</i> ") fitted as an additional data memory for the skeye.pad POS.
CF card slot	CF card slot.

## 1.7 Product Description

**Operating system:** Microsoft Windows CE 5.0

**Interfaces:** The interfaces provided on the skeye.pad POS allow the use of a wide range of accessories and options

**Communication:** The device can communicate with other systems in different ways:

- Infrared: IrDA 1.0 (SIR=115200 baud)
- USB
- Ethernet

**Power supply:** The skeye.pad POS is powered by rechargeable lithium-ion batteries (battery). The battery is recharged by placing the skeye.pad POS onto the desktop cradle or by inserting the individual batteries into the battery charger.

**Environmental conditions:**

- Operating temperature: +23 °F to +104 °F (-5°C to +40°C)
- Storage temperature: -4 °F to +140 °F (-20°C to +60°C)
- Relative humidity: 5-85%, non-condensing

**Available accessories:**

- Desktop cradle
- External battery charger
- Power supply
- Battery
- Shoulder strap
- Case



## 1.8 Bring-in Service (Repairing the Device)

### **NOTICE**

**All equipment must be shipped either in the original packaging or in a suitably robust packaging! Padded mailing packages or bubble bags will not protect the skeye.pad POS adequately against impact and pressure.**

If you require maintenance or repair services, please contact:

Skeye USA  
12905 S.W. 129th Avenue  
Miami, FL 33186  
Phone: +1 305 909-0173  
Fax: +1 305 596-7222  
info@skeye-usa.com  
www.skeye-usa.com

If repair work is required, the device should always be sent along with all accessories in the original packaging to skeye USA. The accessories returned can help to isolate an error. It is also possible that the defective peripheral devices are the cause of the malfunction.

It is imperative that you enclose a written **description of the fault** or the completed **service card**, if available. This will simplify the troubleshooting process for the service technicians significantly and will enable them to return your skeye.pad POS sooner.

## 2. Technical Description

### 2.1 Views of the skeye.pad POS

#### 2.1.1 Top View of the skeye.pad POS

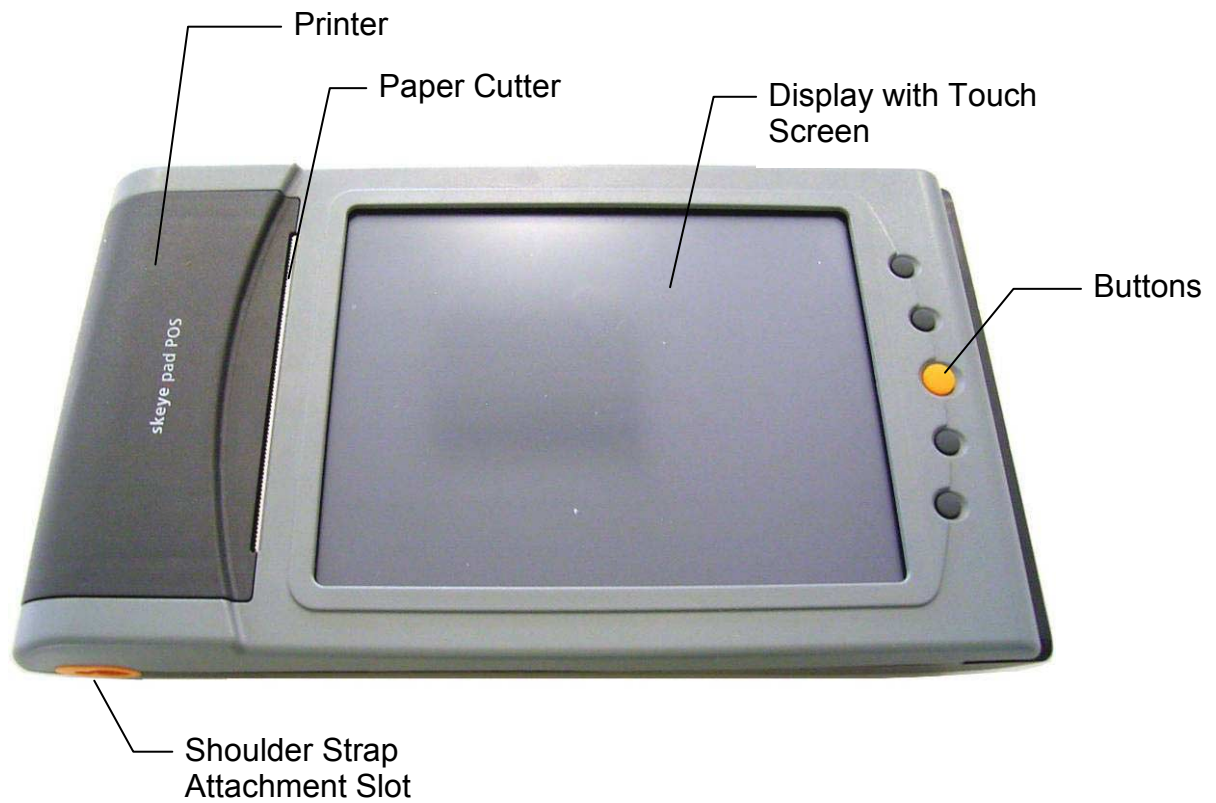


Fig. 1: Top view of the skeye.pad POS

### 2.1.2 Top Side View of the skeye.pad POS



Fig. 2: Top side view of the skeye.pad POS

### 2.1.3 Bottom Side View of the skeye.pad POS

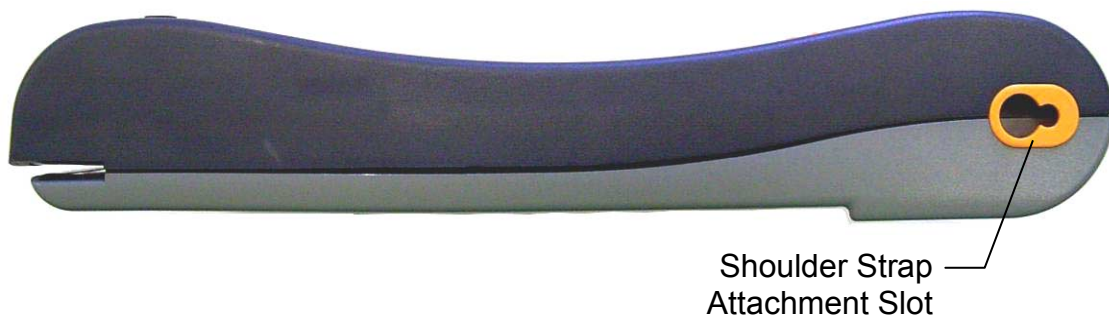


Fig. 3: Bottom side view of the skeye.pad POS

#### 2.1.4 Rear View of the skeye.pad POS

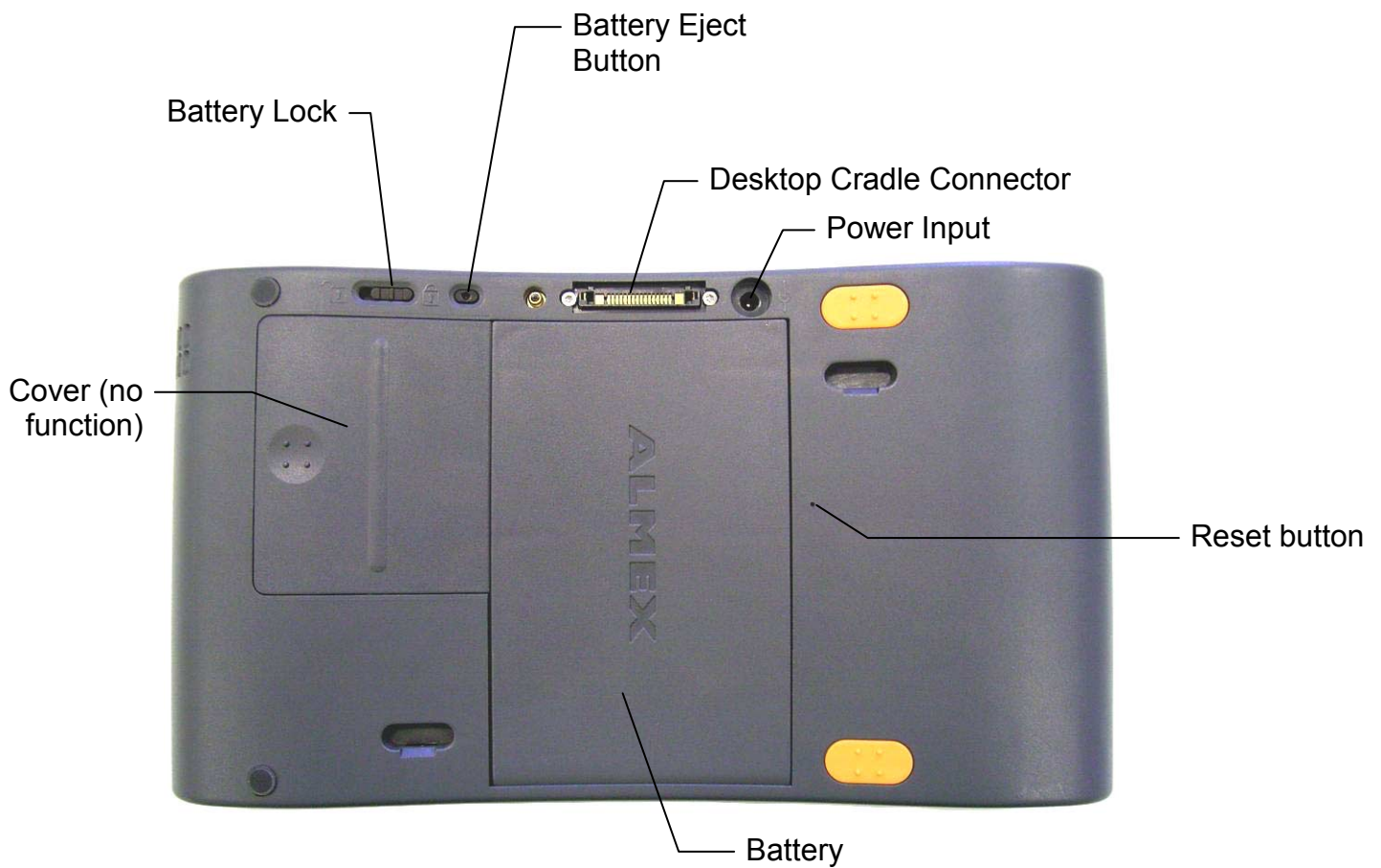


Fig. 4: Rear view of the skeye.pad POS

#### 2.1.5 Right Side View of the skeye.pad POS

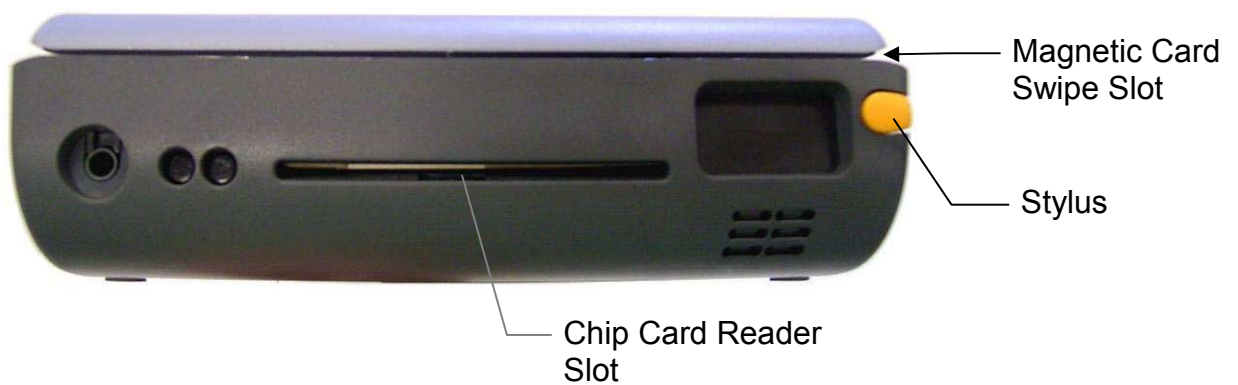


Fig. 5: Right side view of the skeye.pad POS

### 3. User Instructions

#### 3.1 Switching On the skeye.pad POS



Note that you can only switch on the skeye.pad POS after you have inserted a charged battery and locked it in place!

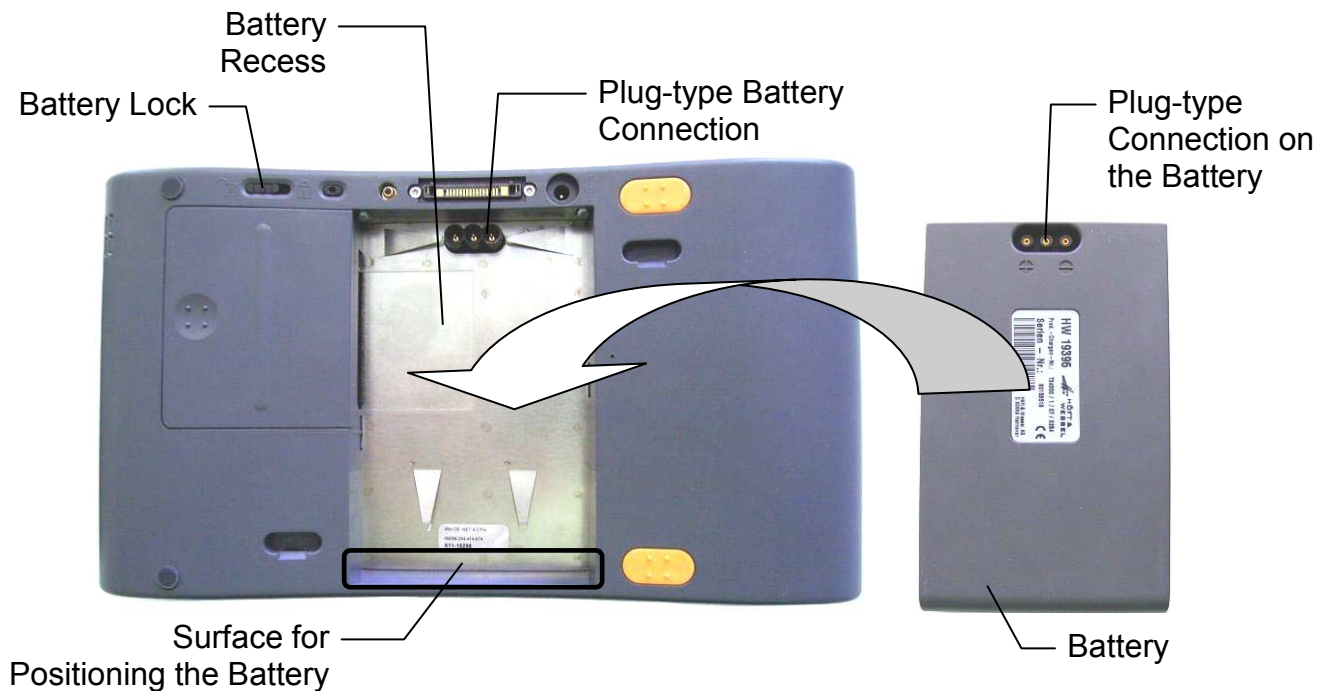



Fig. 6: Rear view of skeye.pad POS with battery removed

Inserting  
the battery

1. Slide the battery lock to the left to the symbol .
2. Place a charged battery with the rounded side facing downwards in the area marked (see Fig. 6) at an angle of approx. 45° or less.
3. Fold the battery downwards.
4. Press down slightly on the battery,  
*The battery is correctly fitted in the battery recess  
(see the figure below).*

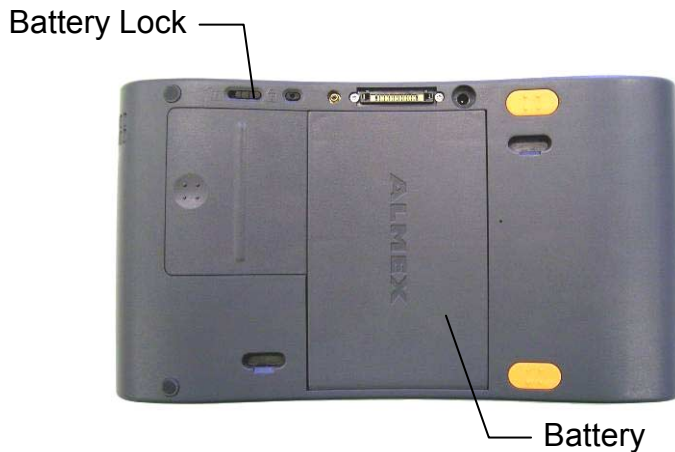



Fig. 7: Rear view of the skeye.pad POS; correctly fitted battery

5. Slide the battery lock to the right to the symbol .  
*The battery is now locked and you can switch on the skeye.pad POS.*

Switching on  
the skeye.pad  
POS



Fig. 8: Top view of the skeye.pad POS

6. Press the yellow button on the skeye.pad POS.  
*The display lights up and the application is started.*

If you cannot start the skeye.pad POS, carry out a reset.



If the skeye.pad POS automatically switches to "Suspend Mode" due to an empty battery, it cannot be switched on again.

However, the user still has time to replace the battery without losing any data. The user receives several warnings in good time before this occurs.

If the battery is not replaced, the skeye.pad POS switches to the "Partially Off" status before the battery is fully discharged. If the device is left in the "Partially Off" status for more than 20 days, it switches to the "Complete Off" status to conserve the floating battery.

The skeye.pad POS cannot be switched on using the yellow button when it is in the "Complete Off" status. To do this, you must reset the skeye.pad POS.



## 3.2 Switching Off the skeye.pad POS

### 3.2.1 Manually Switching Off



Fig. 9: Top view of the skeye.pad POS

1. Press the yellow button on the skeye.pad POS.  
*The display goes out and the skeye.pad POS switches to "Suspend Mode".*

### 3.2.2 Automatic Switching Off

If left unused for longer than 2 minutes, the skeye.pad POS automatically switches to "Suspend Mode".

You can increase this time (see Ch. 6.1.6) but this will affect the battery endurance. Battery endurance is the time between 2 battery charges.



To maximize the endurance of the battery, the display can automatically switch off through several levels. For this purpose, the skeye.pad POS switches to the following states when left unused:

Level 1:	The display is dimmed (Dim display)	default: 15 s
Level 2:	The display is switched off (Turn off display)	default: 1 min
Level 3:	The device switches to suspend mode (Auto suspend)	default: 2 min



The skeye.pad POS does not switch to suspend mode if it is executing program processes, for example, when transmitting data or updating master data.

In addition to the suspend mode, the skeye.pad POS can be switched off to 2 further statuses using the "PowerOff" software function.

- Partially Off
- Complete Off

The differences between the statuses are as follows:

**Suspend:**

The skeye.pad POS is switched off. The power supply ensures that the contents of the RAM are retained. Windows and all settings are retained in the memory. Services such as wireless connections must be restarted.

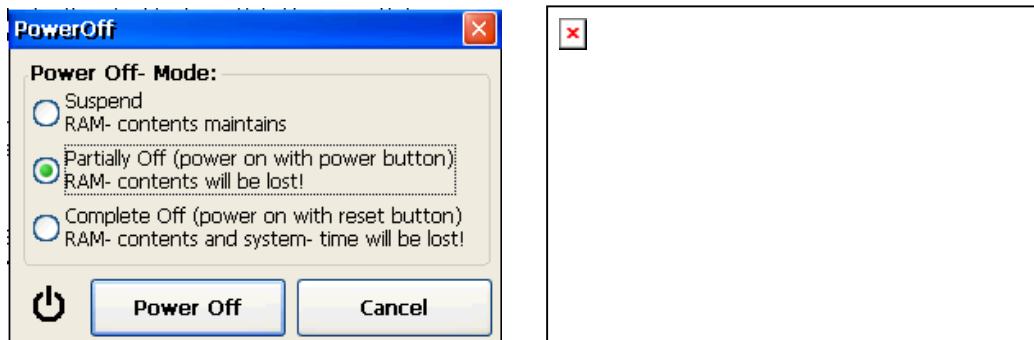
**Partially Off:**

The skeye.pad POS is switched off. The contents of the RAM are deleted. All settings are deleted. When the device is switched on again, Windows is reloaded in the memory and restarted.

**Complete Off (for storing):**

The skeye.pad POS is completely switched off and cannot be switched on using the on/off button. The clock stops. The skeye.pad POS must be reset before it can be started again. This status is provided for use when the skeye.pad POS is stored.

1. **NOTICE** To save your data and settings before switching the device to the Partially Off or Complete Off status, execute a SysBackup. (see Ch. 8.2.1).
2. Choose **Start** ⇒ **Programs** ⇒ **System** ⇒ **PowerOff**.



3. Select the desired switch-off status.
4. Confirm your selection with the "PowerOff" button.  
*The skeye.pad POS switches to the selected status.*



### 3.3 Removing the Stylus

#### **NOTICE**

Only use the stylus supplied to operate the touch screen, as the touch screen may be damaged if you use a different stylus!



Fig. 10: Right side view of the skeye.pad POS

1. Use your thumb to push the stylus out of the casing.



Fig. 11: Detailed side view; removing the stylus

### 3.4 Operating the skeye.pad POS with the Stylus

You can use the stylus to navigate, move or select object in the same way as you use a mouse on a PC.

You can also use your fingers to tap the touch screen but the stylus enables you to work more precisely.

Instead of clicking with a mouse, simply tap the stylus on the touch screen to select a symbol or activate a button.

Double-tapping is the same as double-clicking with a mouse.

### 3.5 Reading a Magnetic Card

The magnetic card reader can only process magnetic cards that are in perfect condition, i.e. the magnetic strip on the card must not be:

- damaged or
- warped or
- cracked

1. Pull the magnetic card smoothly and at right angles to the skeye.pad POS from the top to the bottom of the swipe slot.



Fig. 12: Reading a magnetic card

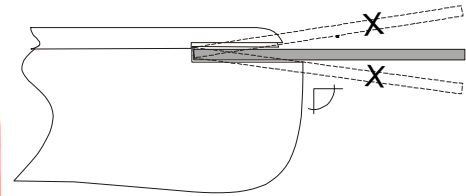


Fig. 13: Bottom side view magnetic card at right angle to skeye.pad POS in the swipe slot

Note the following points:

- You must turn the magnetic card so that the magnetic strip on the card points down on the left.
- You must pull the magnetic card smoothly without interruption along the entire length of the swipe slot.
- You must swipe the magnetic card left-aligned to the guide of the swipe slot.

### 3.6 Inserting a Chip Card

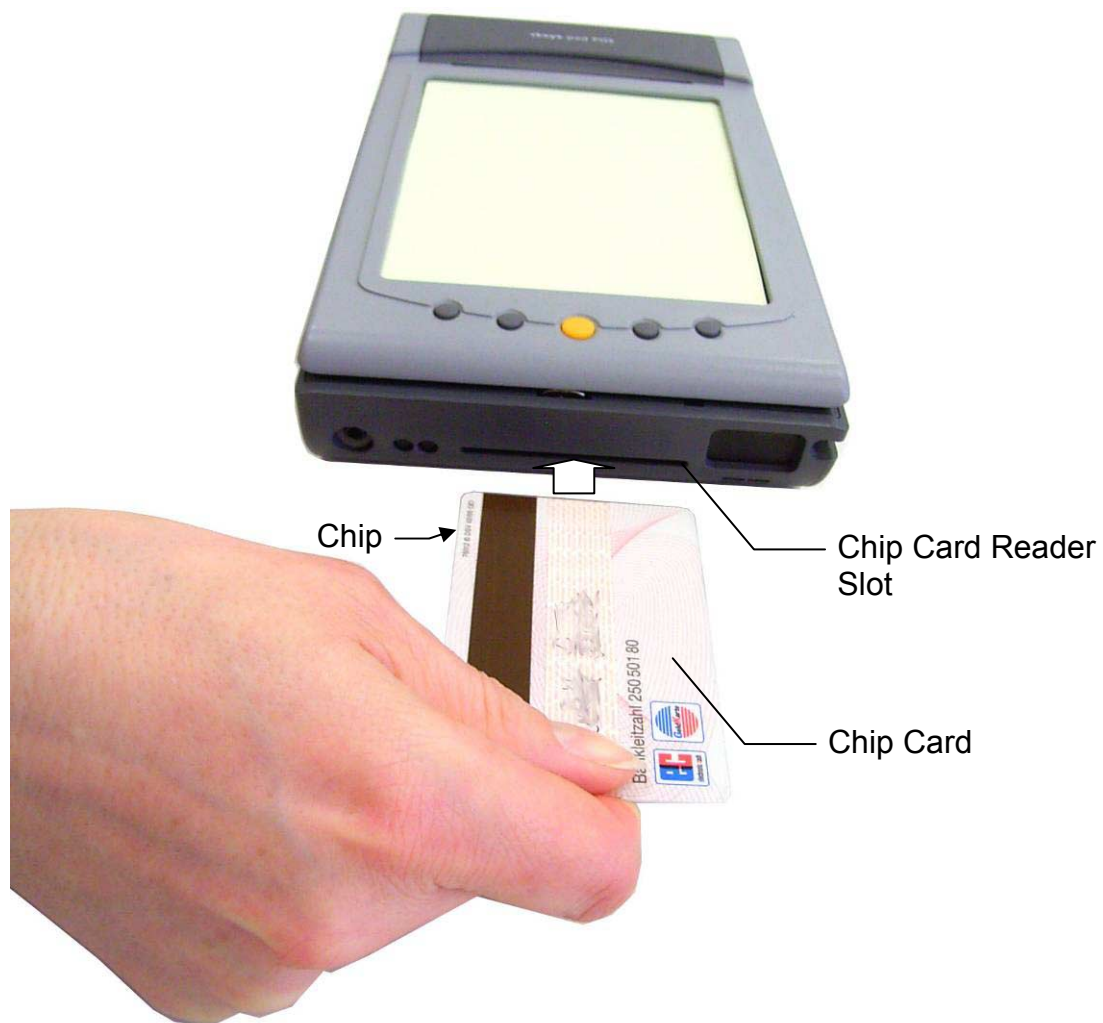


Fig. 14: Right side view of the skeye.pad POS; position of the swipe slot for chip cards

1. Push the chip card all the way to the stop (approx. 1.2 inches or approx. 3 cm) with the chip facing down in the reader slot.

### 3.7 Tearing Paper along the Paper Cutter

In order to reduce the weight of the skeye.pad POS, the printer was not fitted with an automatic cutting device.

The paper is extremely robust, which is why it may rip if it is not torn off at the correct angle.



Fig. 15: Tearing paper along the paper cutter; step 1

1. Grip the entire width of the upper edge of the paper.
2. You must tear off the paper evenly to the right at an angle of approx. 45°. In this case, you can tear the paper from the bottom up or vice versa.



Fig. 16: Tearing paper along the paper cutter; step 2

3. When tearing off the paper, make sure that you pull the paper evenly maintaining an angle of 45°.



**Recommendation:** If you are able to move the skeye.pad POS freely, turn the skeye.pad POS so that the paper cutter lies horizontally to you and tear the paper downwards.

## 4. Maintenance and Support

### 4.1 Attaching the Shoulder Strap on the skeye.pad POS

Both sides of the skeye.pad POS are fitted with a shoulder strap attachment slot.

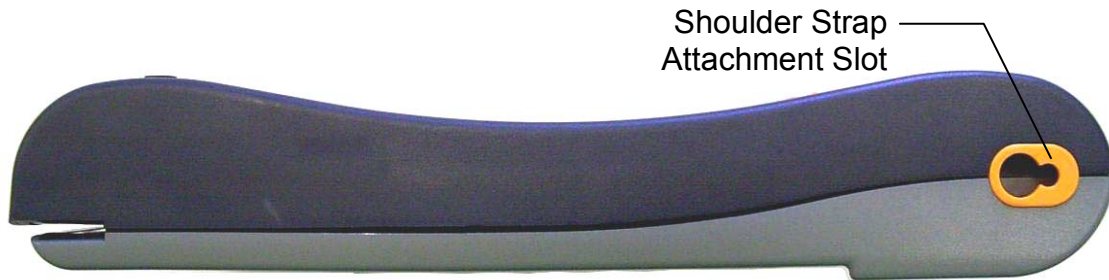


Fig. 17: Bottom side view of the skeye.pad POS

1. Insert the catch on the holder on the shoulder strap into the larger hole in the attachment slot (see arrow 1).
2. To enable the nose on the holder to slide into the smaller hole, turn the holder in the attachment slot so that it is at a right angle to the attachment slot (see arrow 2).

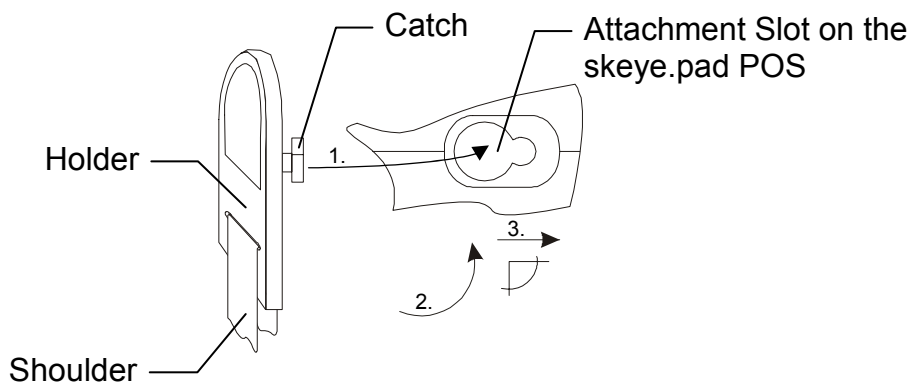


Fig. 18: Sliding the shoulder strap into the attachment slot

3. Slide the holder in the attachment slot to the right (see arrow 3) until it clicks.  
*The holder is now locked.*
4. Repeat the same sequence of steps on the other side.

## **4.2 Removing the Shoulder Strap on the skeye.pad POS**

1. Turn the holder on the shoulder strap so that it is at a right angle to the attachment slot.
2. Slide the holder to the left in the attachment slot and lift it out of the attachment slot.
3. Repeat the same sequence of steps on the other side.

### 4.3 Resetting the skeye.pad POS

#### **NOTICE**

When performing a reset on the device, bear in mind that data can also be lost along with the configuration settings!

Data acquired and files created are generally retained.  
However, you should check these to ensure that they are still intact.

The purpose of the reset function is to **cancel** the running/hanging user program at any point. To do this, press the reset button.



Fig. 19: Detail rear view of the skeye.pad POS

1. To activate the reset button, you need a long thin object such as a straightened paper clip.
2. Insert approx. 2/5 inch of a straightened paper clip or similar object (perfectly straight) vertically into the access on the skeye.pad POS.  
The reset button is located on a printed circuit board. Inserting an object at an angle could damage other sensitive components on the circuit board.
3. Press the reset button carefully with very little effort.  
*A reset is performed and the skeye.pad POS switches on automatically.*



Another reset button is located under the battery (see next page).

Reset button under the battery:

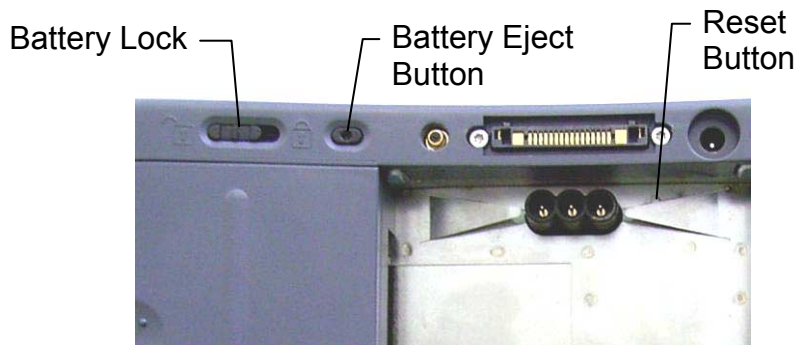



Fig. 20: Detail rear view of the skeye.pad POS with battery removed; location of the second reset button

1. Remove the battery. (see Ch. 4.6, Page 35).
2. Activate the reset button carefully with very little effort. You can use a straightened paper clip or a similar object to do this.
3. Insert the battery (see Ch. 4.7, Page 37).
4. Slide the battery lock to the right to the symbol .  
*The battery is now locked and the skeye.pad POS switches on automatically.*



## 4.4 Resolving Printer Faults

Fault	Solution
The receipt is not properly pushed out.	Check that the paper roll is inserted straight. If necessary, remove the paper roll and refit it.
The skeye.pad POS stops midway during printing and no longer responds.	The battery is almost empty and the skeye.pad POS has interrupted printing. Place the skeye.pad POS on the desktop cradle to charge it or replace the empty battery with a charged one.
No out-of-paper message is issued at the end of a paper role; it is still possible to initiate printing.	Clean the "Out-of-Paper" sensor and the paper compartment with a clean, dry and lint-free cloth (see Ch. 4.8.4, Page 41).

## 4.5 Replacing the Paper Roll for the Printer



**When replacing the paper roll, avoid touching the paper cutter on the skeye.pad POS. The paper cutter is fitted with sharp teeth that could easily cut your fingers.**



Fig. 21: Top side view of the skeye.pad POS

1. Pull the printer cover release lever upwards  
*The printer cover springs upwards slightly.*

2. Hold the printer cover at the outer sides and fold it upwards.

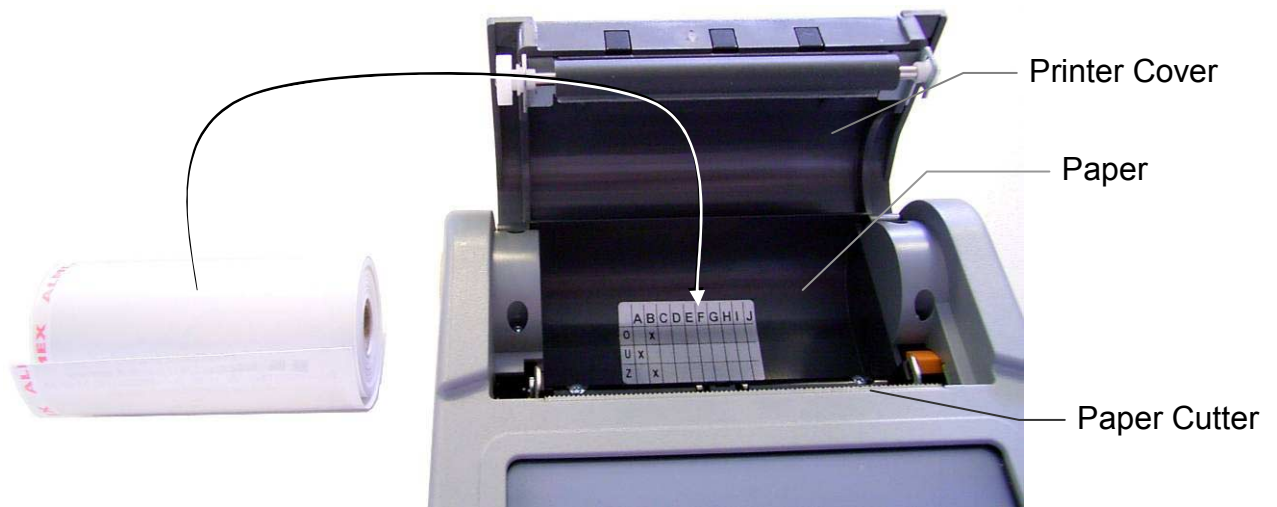


Fig. 22: Inserting the paper roll

3. Carefully remove the empty paper roll from the paper compartment.
4. Insert the new paper roll as shown in Fig. 22.
5. Pull the paper a little way over the paper cutter.
6. Close the printer cover.
7. Press down the printer cover until it locks into place.
8. Tear off the protruding paper cleanly on the paper cutter.

## 4.6 Removing the Battery from the skeye.pad POS

It is necessary to remove the battery from the skeye.pad POS in order to:

- replace the battery,
- access the second reset button,
- insert or remove the CF card.

1. Press the yellow button to switch off the skeye.pad POS.  
*The display goes out and the skeye.pad POS switches to "Suspend Mode".*

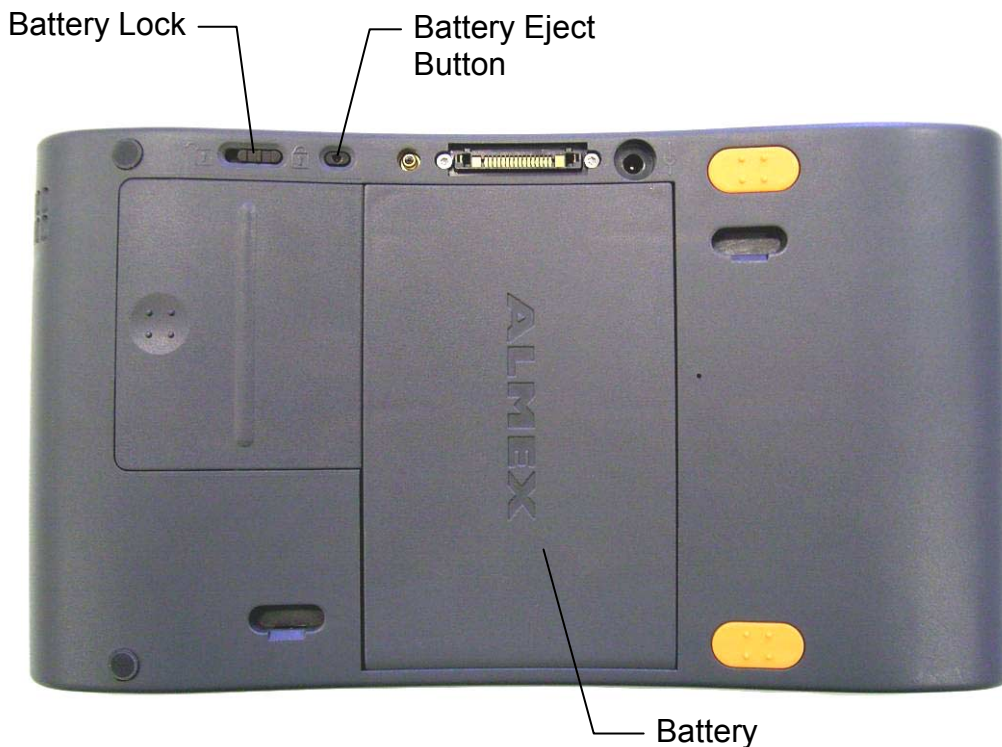


Fig. 23: Rear view of the skeye.pad POS

2. Slide the "Battery Lock" on the rear to the left to the symbol  
*The battery lock is unlocked and can be removed.*



If you insert and lock a charged battery within 3 minutes of unlocking the battery, the application you were using when you switched off the device is automatically reopened when you switch the device back on.

3. Use the stylus to press the "Battery Eject Button" (see Fig. 23).  
*The battery springs upwards slightly.*

4. Hold the middle of the battery with one hand.  
The battery has a small indentation at this point that allows you to get a better grip of the battery using your finger nail.
5. Continue folding the battery upwards and remove it.  
*The battery is now removed.*




To conserve the floating battery when not in use, the skeye.pad POS should always be stored with a charged battery fitted!  
Otherwise the power reserves in the floating battery will be consumed.

## 4.7 Inserting the Battery into the skeye.pad POS



Fig. 24: Rear view of skeye.pad POS with battery removed

1. Slide the battery lock to the left to the symbol .
2. Place a charged battery with the rounded side facing downwards in the area marked (see Fig. 24) at an angle of approx. 45° or less.
3. Fold the battery downwards.
4. Press the battery down so that it sits neatly in the battery recess.  
*The battery is correctly positioned in the battery recess (see the figure below).*

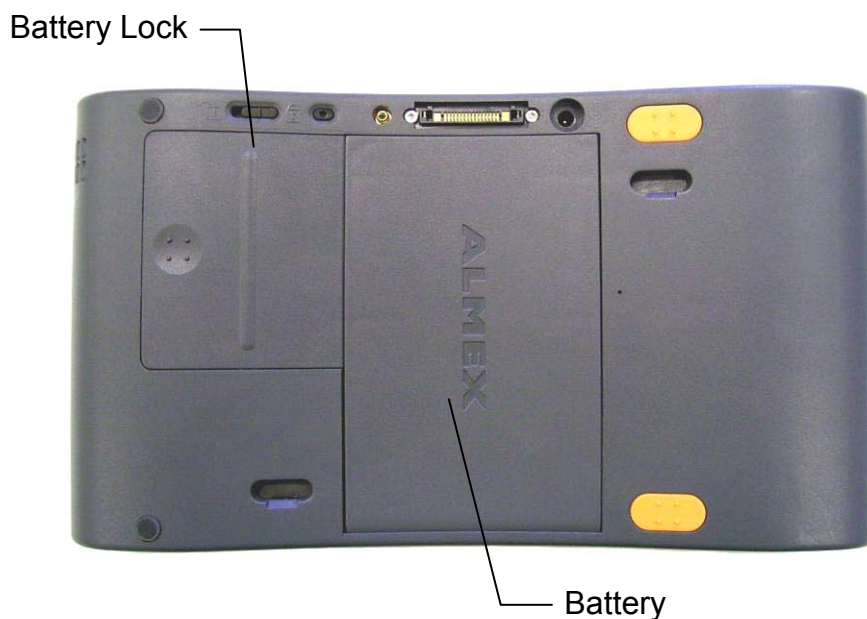



Fig. 25: Rear view of the skeye.pad POS; correctly fitted battery

5. Slide the battery lock to the right to the symbol .

*The battery is now locked and you can switch on the skeye.pad POS.*



### Instructions for Replacing the Battery:

If you lock a charged battery within three minutes, you can continue working from the same point after you switch on the skeye.pad POS again, as is usual after the "Suspend Mode".

If the battery is not locked within three minutes, the skeye.pad POS switches to the "Partially Off" status. The contents of the RAM are deleted.

## 4.8 Cleaning

### 4.8.1 Cleaning the Casing

Do not use solvents to clean the casing. Use only a soft, dry cloth.

### 4.8.2 Cleaning the Display

#### **NOTICE**

**Only use screen cleaner to clean the display! Otherwise, you will destroy the touch screen surface!**

1. Press the yellow button to switch off the skeye.pad POS.  
*The display goes out and the skeye.pad POS switches to "Suspend Mode".*
2. Clean the display with screen cleaner and a soft, clean, lint-free cloth.



To preserve the surface of the screen, clean the display using a vertical wiping motion!

### 4.8.3 Cleaning the Contacts of the Card Reader

The chip card contacts and the contacts on the magnetic strip reader must be regularly cleaned. Use uncoded moist microfiber cleaning cards for this purpose (Höft & Wessel order number: E29749).



Only use freshly unpacked cleaning cards as the cleaning fluid on the card evaporates very quickly.

1. Slide the cleaning card into the reader slot of the chip card reader.
2. Slide the cleaning card back and forth several times in the slot.
3. Pull the cleaning card out from reader slot of the chip card reader.
4. **NOTICE** To prevent any of the dirt dislodged from being smeared onto the contacts again, pay attention to dirt buildup on the cleaning card.

**If the area of the cleaning card you are using becomes dirty, use a different clean edge or use a new cleaning card.**

5. Slide the cleaning card at least 5x through the reader slot of the card chip reader.



#### 4.8.4 Cleaning the Paper Recess, Sensor and Light Barrier

### **⚠ CAUTION**

When cleaning, avoid touching the paper cutter on the skeye.pad POS. The paper cutter is fitted with numerous sharp teeth that could easily cut your fingers.

**Use only compressed air for cleaning! Do not blow with your mouth as this could blow paper dust into your eyes.**

1. Open the printer cover; to do this, turn the printer cover release lever upwards.
2. Remove the paper roll from the paper recess.

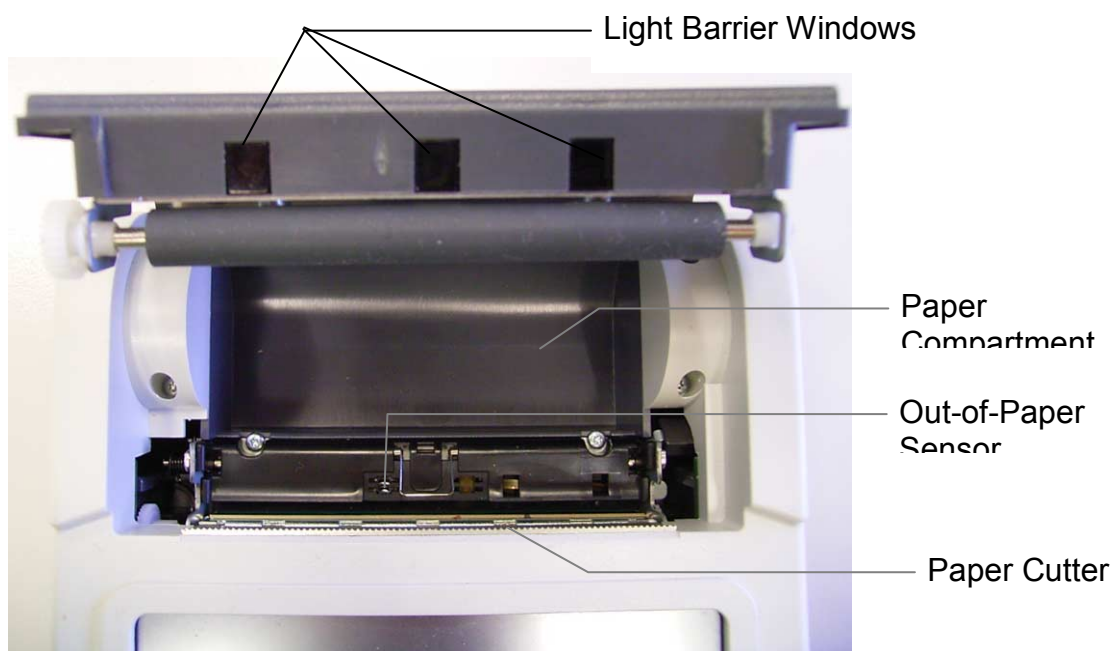


Fig. 26: The opened printer cover

3. Use compressed air to clean inside the paper recess.
4. **NOTICE** Use compressed air to clean the out-of-paper sensor.  
Only blow on the out-of-paper sensor! Cleaning it using a cloth or your finger will push in the out-of-paper sensor and lead to malfunctions!
5. Carefully clean the light barrier windows using a soft, dry, clean and lint-free cloth.
6. Wipe down the paper recess using a clean dry cloth.
7. Insert the paper roll into the paper recess (see Ch. 4.4).
8. Close the printer cover until it locks into place.

## 4.9 Changing the CF Card

A CF card slot is located under the removable security module .

1. Press the yellow button to switch off the skeye.pad POS.  
*The display goes out and the skeye.pad POS switches to "Suspend Mode".*
2. Remove the battery (see Ch. 4.6, Page 35).

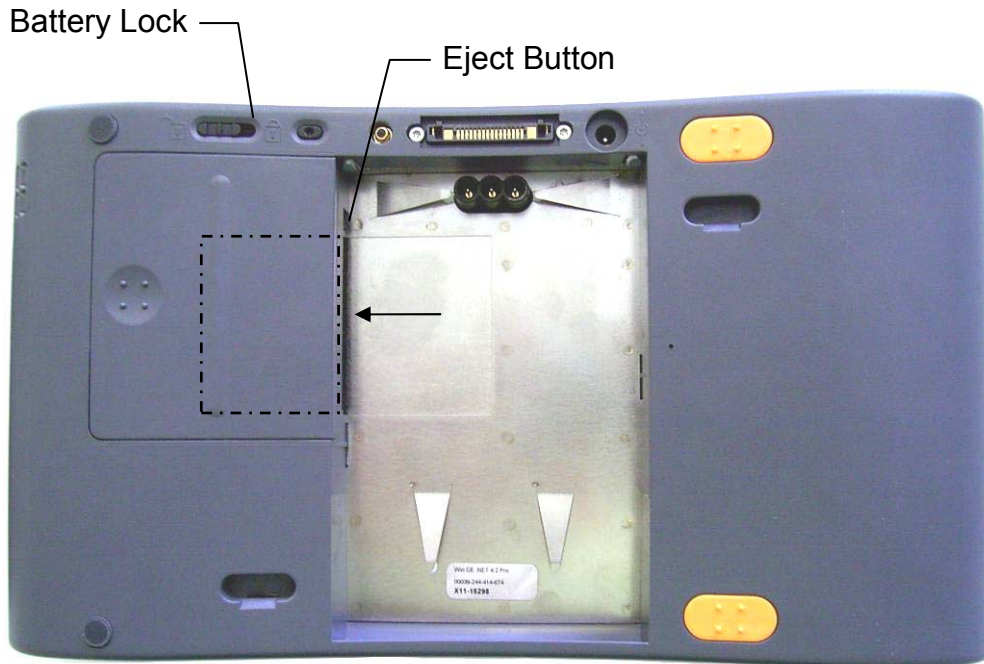



Fig. 27: Rear view of skeye.pad POS with battery removed; location of the slot for a CF card

3. Press the eject button to the right of the slot.  
*The CF card is ejected and can be removed.*



Fig. 28: Slot for the CF card

4. Remove the ejected CF card.
  5. Push a new CF card with the sleeve terminal facing forwards into the slot until it locks.  
*The CF card is now correctly fitted.*
  6. Insert the battery (see Ch. 4.7, Page 37).
  7. Slide the battery lock to the right to the symbol .
- The battery is now locked and you can switch on the skeye.pad POS.*

## 4.10 Replacing the Cover

The cover is pushed in flush with the underside of the skeye.pad POS. The cover has a recessed grip that allows you to push it in and pull it out. If your device is equipped with wireless functions, this cover contains components.

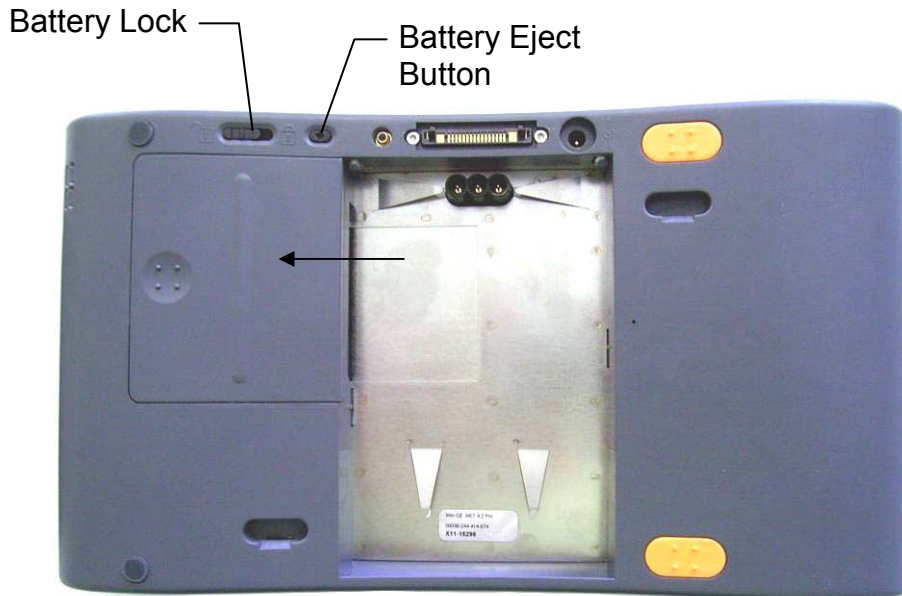



Fig. 29: Pushing in the cover

Carry out the following steps to replace the cover:

1. Press the yellow button to switch off the skeye.pad POS.  
*The display goes out and the skeye.pad POS switches to "Suspend Mode".*
2. Remove the battery (see Ch. 4.6, Page 35).
3. Press the "Battery Eject Button" and pull out the cover from the skeye.pad POS by applying **light** pressure to the recessed grip.
4. Press the cover into the skeye.pad POS until it is completely fitted and encounters a natural resistance.
5. Insert the battery (see Ch. 4.7, Page 37).
6. Slide the battery lock to the right to the symbol .  
*The battery is now locked and you can switch on the skeye.pad POS.*
7. Press the yellow button to switch on the skeye.pad POS.  
*The display lights up and the application starts.*

## 5. Battery Charger (Optional)

### 5.1 Charging the Battery in the Battery Charger

The battery charger allows you to charge the lithium-ion battery separately. The recess is molded in such a way that the battery can only be inserted correctly (reverse polarity protection).



Fig. 30: Battery charger

#### Inserting the Battery

The battery is inserted into the battery charger for charging. Insert the battery in the battery charger in exactly the same way as in the skeye.pad POS. Position the battery vertically in the area marked, with the rounded side facing downwards. Fold the battery down and press it into place.

#### Charging the Battery

- To charge a battery, insert into the powered battery charger.
- If the **yellow** LED lights up, the battery is correctly inserted in the battery charger and is charged.

#### End of the Charging Procedure

- The **green** LED lights up to indicate that the battery is fully charged again.

#### Charging Time

- A completely discharged battery will take approximately 2.5 to 3 hours to recharge. If the battery is not fully discharged, the charging time is reduced accordingly.

#### Removing the Battery

Fold the battery upwards and lift it out of the battery charger.

## 5.2 LED Function Display of the Battery Charger

Three light emitting diodes (LED) are provided to display the operating states.

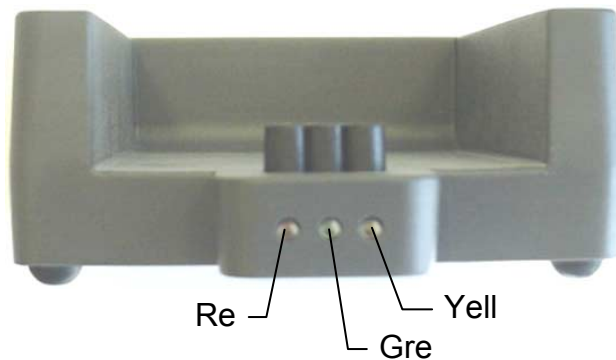



Fig. 31: Location of the LEDs

Red LED	
Continuously lit	<ul style="list-style-type: none"><li>• Indicates that the battery charger is ready for operation</li></ul>
flashing	<ul style="list-style-type: none"><li>• Indicates a malfunction</li></ul>
Yellow LED	<ul style="list-style-type: none"><li>• Indicates: the battery is charging</li></ul>
Green LED	<ul style="list-style-type: none"><li>• Indicates that charging was successfully completed</li></ul>

## 6. Handling the Batteries (Power Management)

### 6.1.1 Charging the Battery

If the battery needs to be charged, the following symbol  appears in the menu bar. You must then charge the battery!

The battery is automatically charged if your skeye.pad POS

- is fitted on the desktop cradle (with the power supply connected)
- is connected to the power supply

You also have the option of charging the battery in the battery charger (see Ch. 5).

### 6.1.2 Battery Maintenance

#### **NOTICE**

**An unused battery must be recharged every three months. After this length of time, the battery is discharged to such an extent due to self-discharging that it can no longer be used to operate a skeye.pad POS.**

In terms of maintenance, bear the following points in mind:

#### 👉 **Good:**

- Daily use of the battery
- Allowing the battery to discharge until the "Charge Battery" symbol appears in the menu bar (see Ch. 6).
- Charging using the battery charger HW 16396 or the desktop cradle HW 50396

#### 👉 **Bad:**

- Only occasionally using the battery
- Exposure to heat (increases self-discharging)
- Exposure to frost

#### 👉👉 **Very Bad:**

- Total discharging
- Humidity; aggressive vapors that cause corrosion of the contacts
- Storage at temperatures below -4.0 °F (-20°C)
- Storage at temperatures below +32.0 °F (0°C)

### 6.1.3 Maintaining the Internal Floating Battery

#### **NOTICE**

**To conserve the floating battery when not in use, the skeye.pad POS should always be stored with a charged battery fitted!  
Otherwise the power reserves in the floating battery will be consumed.  
Discharged floating batteries must be replaced by qualified service personnel.**

If the battery is unlocked, the internal floating battery supplies the RAM with voltage for 3 minutes. This ensures that the RAM is not deleted during this time and that it is possible to change the battery while the RAM is in use. After you switch on the skeye.pad POS, you can continue working from the same point.

The internal floating battery requires no maintenance. The skeye.pad POS automatically charges the internal floating battery. If the skeye.pad POS is not placed on a desktop cradle for an extended period, the internal floating battery is charged from the battery.

### 6.1.4 Disposing of Old Batteries

Under no circumstances should you dispose of spent batteries in the normal household trash as the heavy metals they contain pose a serious environmental hazard.

All spent batteries must be sent to a special disposal facility. For this reason, they must be returned to Höft & Wessel.

For the relevant address, see Ch. 1.8 Page 17.

As part of its normal service activities, Höft & Wessel ensures that all spent batteries are properly processed and disposed of.

This system of returning the batteries ensures that the chemicals they contain are 100% recyclable. This circular flow of recyclable resources eliminates any burden on the environment.

Höft & Wessel guarantees that all returned batteries are fed into this circular flow.



### 6.1.5 Storing the skeye.pad POS with the Battery

#### **NOTICE**

**To conserve the floating battery when not in use, the skeye.pad POS should always be stored with a charged battery fitted!  
Otherwise the power reserves in the floating battery will be consumed.  
Discharged floating batteries must be replaced by qualified service personnel.**

If the battery is removed or empty, the contents of the SRAM disk are powered by the floating battery. This significantly reduces the service life of the floating battery. An empty floating battery can cause the skeye.pad POS to malfunction. Discharged floating batteries must be replaced by qualified service personnel.



The skeye.pad POS can be stored in "Complete Off" mode with a charged battery for up to six months without maintenance.

The device can be stored with a charged battery in "Suspend" mode for up to three weeks without maintenance. Depending on the battery status, the skeye.pad POS then automatically switches to "Partially Off" or "Complete Off" mode.

If these storage periods are exceeded, power is drawn from the floating battery. A charged battery must be used afterwards.  
Storage should always be at room temperature (approx. 68 °F or 20°C).

### 6.1.6 Influencing the Battery Endurance

To maximize the endurance of the battery, the display can automatically switch off through several levels. For this purpose, the skeye.pad POS switches to the following states when left unused:

Level 1:	The display is dimmed (Dim display)	default: 15 s
Level 2:	The display is switched off (Turn off display)	default: 1 min
Level 3:	The device switches to "Suspend Mode" (Auto suspend)	default: 2 min

The times at which the skeye.pad POS switches from one status to the other can be changed using the "AutoOff" function in the Control Panel.

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒

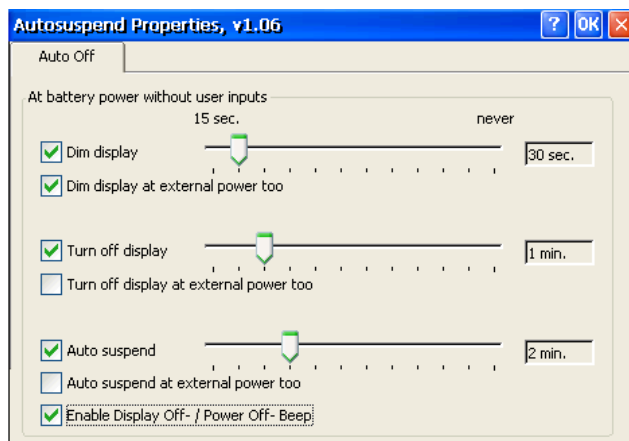


Fig. 32: The "Auto Off" window

2. Use the checkboxes and the controllers to adjust the settings as required and confirm the settings with **[OK]**.

Note the following: The shorter you set the times, the longer the battery is available until the next charge.


## 7. Additional Functions and Settings


### 7.1 Calling the Desktop at any Time

To minimize or hide all open windows, tap the following symbol in the menu bar on the bottom right



### 7.2 Displaying and Hiding the Keyboard

Displaying: Tap the symbol  in the menu bar and select the required keyboard.

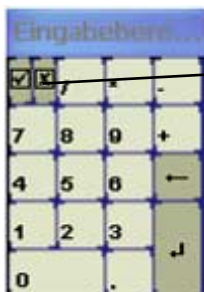
Hiding: Tap the symbol  in the menu bar and select "Hide Input Panel".

### 7.3 Hiding the Numerical Keyboard

If you select "skeye Keyboard" or "Large Keyboard", you can limit the keyboard to numerical keys (numeric pad) only.



Alphanumeric  
Keyboard



Numeric pad

By tapping on the x-key, you can switch between the alphanumeric keyboard and the numeric pad.

Fig. 33: skeye keyboard; function of the x-key

## 7.4 Setting the Properties of the Input Panel (Keyboard)

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**.  
*The "Control Panel" window opens.*
2. In the "Control Panel" window, select the **"Input Panel"** symbol by double-tapping.  
*The "Input Panel Properties" window opens.*

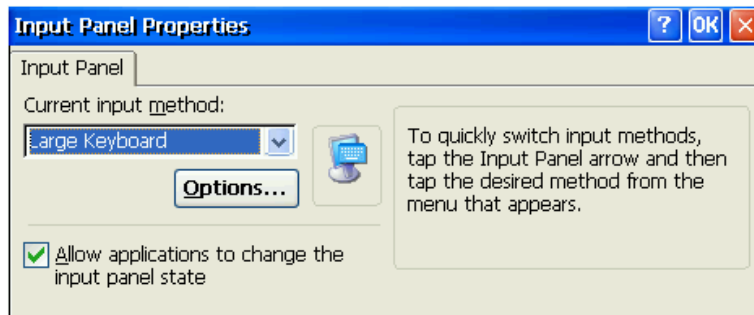


Fig. 34: The "Input Panel Properties" window

3. In the "Input Panel Properties" window, select the relevant **Current input method** (skeye keyboard, Large Keyboard, LargeKB) and then select the **[Options...]** control button.  
*Depending on the selected input method, another "Skeye Keyboard Options" window opens.*

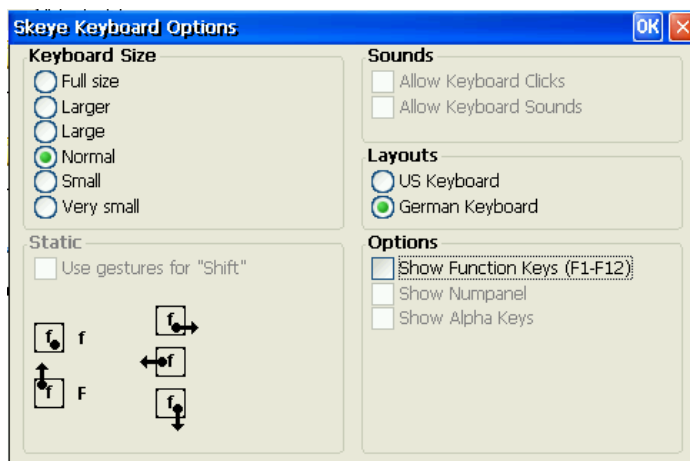


Fig. 35: The "Skeye Keyboard Options" window if the Skeye keyboard is selected

4. Create the **required settings** in the "Skeye Keyboard Options" window.
5. Select **[OK]** to confirm your entries.

## 7.5 Calibrating the Touch Screen

This function is required for fine adjustment of the touch screen, i.e. the more precisely the touch screen is calibrated, the more precisely it reacts.

Note the following when calibrating the touch screen:

Touch the screen lightly but firmly!

Do not pull the stylus across the touch screen!

Do not rest your hand on the touch screen!

Use the touch program on the desktop to calibrate the touch screen. The settings created in this program are stored in the flash memory and are therefore also available after a reset. Alternatively, you can also use the "TestSuite" program.

The Windows settings under Start/Settings/Control Panel/Stylus are not stored in the flash memory and are deleted during a reset.



1. Select the **"Touch"** symbol on the desktop by double-tapping  
or  
**Start ⇒ Programs ⇒ System ⇒ Touch Calibration**  
*The calibration window opens*

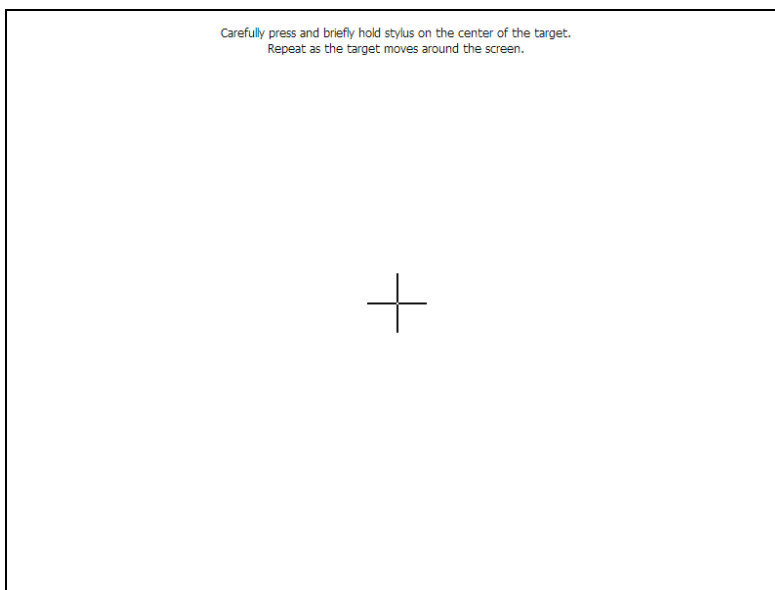


Fig. 36: The calibration window

2. Position the stylus in the center of the superimposed cross and hold this point until the cross moves on.



Remark: The more precisely you place the stylus in the center, the more precisely the touch screen reacts afterwards.

3. Follow the same procedure for the crosses subsequently displayed.  
*After the last cross, the "Apply" inquiry window appears with a timer in the calibration window.*
4. Tap on the **[Apply]** button to confirm.  
*The calibration window is closed and the following inquiry appears:*



Fig. 37: Inquiry "Touch calibration"

5. Confirm this inquiry with [OK].  
*The calibration settings are written into the flash memory.*



The touch screen and its calibration may shift over time. If you notice that the touch screen no longer reacts as precisely, execute the "Touch Calibration" function again.

## 7.6 Setting the Date and Time

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**.  
*The "Control Panel" menu opens.*
2. In the "Control Panel" menu, select the "**Date/Time**" symbol by double-tapping.  
*The "Date/Time Properties" window opens*

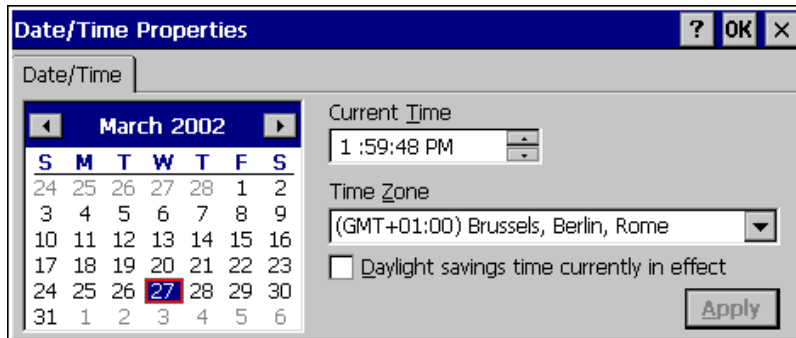
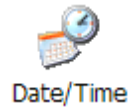


Fig. 38: The "Date/Time Properties" window

3. In the "Date/Time Properties" window, set the following:
  - The current **date**,
  - the corresponding **Time Zone** and only then
  - the **Current Time**
4. Select [**Apply**] to confirm your entries.
5. Close the "Date/Time Properties" window with [**OK**].

## 7.7 Entering Owner Properties

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**.  
*The "Control Panel" menu opens.*
2. In the "Control Panel" menu, select the "**Owner**" symbol by double-tapping.  
*The "Owner Properties" window opens.*



Fig. 39: The "Owner Properties" window

3. In the "Owner Properties" window, complete the **fields**.
4. Select [**OK**] to confirm your entries



## 7.8 Adjusting the Brightness

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**.  
*The "Control Panel" menu opens.*
2. In the "Control Panel" menu, select the **"Backlight"** symbol by double-tapping.  
*The "Backlight" window opens.*

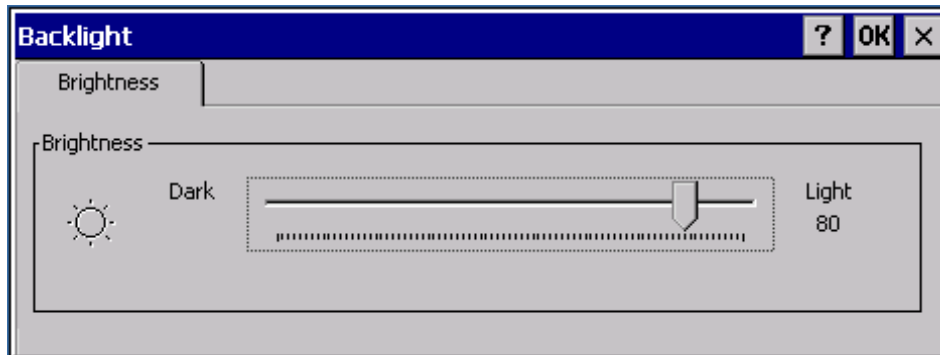
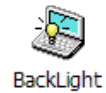


Fig. 40: The "Backlight" window, "Brightness" tab

3. Use the **arrow button** in this window to adjust the brightness.  
  
To conserve battery power, minimize the brightness.
4. Select **[OK]** to confirm your entries.



## 7.9 Setting the Volume & Sounds



Deactivating sounds will save energy and extend the lifetime of the batteries.

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**.  
*The "Control Panel" menu opens.*
2. In the "Control Panel" window, select the **"Volume & Sounds"** symbol by double-tapping.  
*The "Volume & Sounds Properties" window opens.*

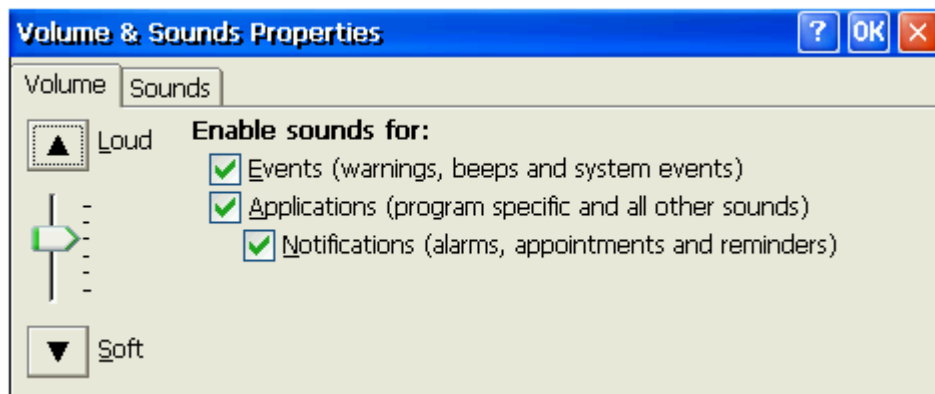


Fig. 41: The "Volume & Sounds Properties" window, "Volume" tab

3. In the "Volume & Sounds Properties" window, create the **relevant settings**.
4. Select [**OK**] to confirm your entries.

## 7.10 Creating an Additional Symbol on the Desktop

If particular functions are frequently required, it is useful to store them on the desktop. If a frequently required function is missing from the desktop, proceed as follows:

1. Double-tap the **"My Computer"** symbol.  
*The "My Computer" directory opens.*
2. In the workplace directory, select the **"Windows"** folder by double-tapping.  
*The "Windows" folder opens.*
3. In the "Windows" folder, search for the **EXE File** for the function that you want to created on the desktop and select it. For example, for the "Operating Mode" function, this is "commodus.exe".



You can find the name of the EXE in the relevant chapter for the function. The file always has the name like the command that must be entered in the "Execute" window for the function.

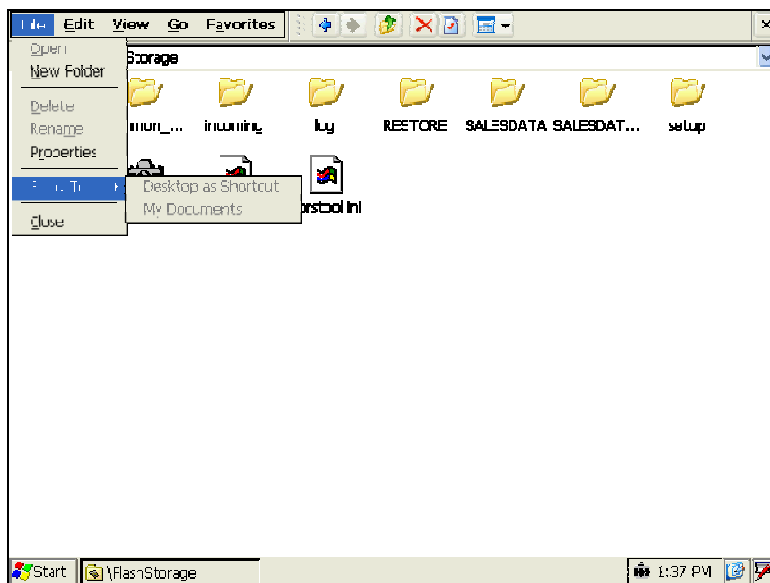


Fig. 42: The "Windows" folder with the submenu open

4. Open the **"File"** menu and select the **"Send To"** submenu.  
*The "Send to" submenu opens.*
5. In the "Send To" submenu, select the **"Desktop as Shortcut"** function.  
*The link is created.*

## 7.11 Installing Software

You can load and install software

- from the Internet onto your skeye.pad POS or
- via a connection with your desktop PC (using the desktop cradle)

Note the following when installing:

When choosing software, always check that it is compatible with XScale processors and Windows CE or Handheld PC 2000.

If you intend installing the software permanently on your skeye.pad POS, you must save it in the "FlashDisk" folder.

Otherwise, the data will be deleted, for example, when the device is switched to "Complete Off".

Certain programs install additional components in the \Windows directory irrespective of the target path chosen.

We recommend that you manually save these components in the "FlashDisk" folder to ensure that they are still available after a "Complete Off".

To restore the software, you must copy these files manually into the \Windows directory again.

## 8. Data Backup

### **NOTICE**

To save your data and settings before the device is switched off to the Partially Off or Complete Off status, carry out a SysBackup (see Ch. 8.2.1)!

### 8.1 Data Backups in General

The memory of the skeye.pad POS consists of two areas:

- up to 1 GB flash and
- up to 256 MB RAM.

In the RAM, Windows CE creates

- the RAM,
- the files,
- the databases and
- the registry

The RAM memory allows rapid access.

It is battery buffered, which means that the contents of the RAM memory are deleted if the battery is deeply discharged.

The flash memory stores all the data contained in the "FlashStorage" folder and its subdirectories.

The flash memory retains its data even if the battery is discharged.



For this reason, all important files and programs should be saved in the "FlashStorage" folder.

You should therefore back up the data on your skeye.pad POS as often as possible!

We also recommend that you copy important data onto your desktop PC or other storage media such as CDs.

## 8.2 SysBackup

You can use the "SysBackup" program to

- create,
- play back and
- delete a backup.

### 8.2.1 Creating a Backup

You should copy all important data to the "\FlashDisk" folder or its subdirectories.

To ensure that all system settings are not lost after the battery is discharged or the device is switched to "Complete Off", you must save everything.

1. Start the "SysBackup" program, either:  
choose **Start** ⇒ **Run** and enter "**SysBackup**" in the input line in the "Run" window or  
choose **Start** ⇒ **Programs** ⇒ **System** ⇒ **SysBackup**.  
*The "SysBackup" window opens.*

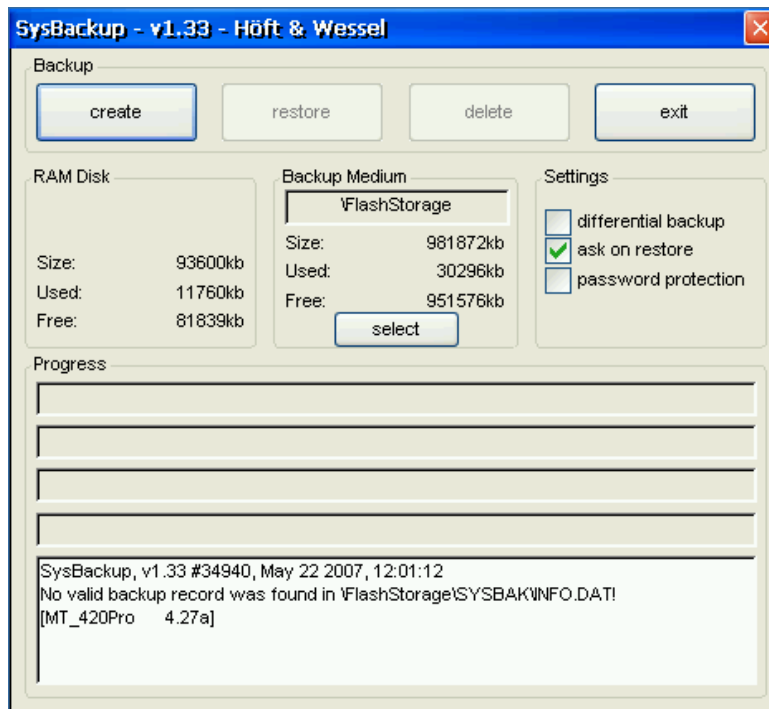


Fig. 43: The "SysBackup" window

2. In the "SysBackup" window, select the [**create**] button by tapping.  
*The "Execute backup?" message appears.*

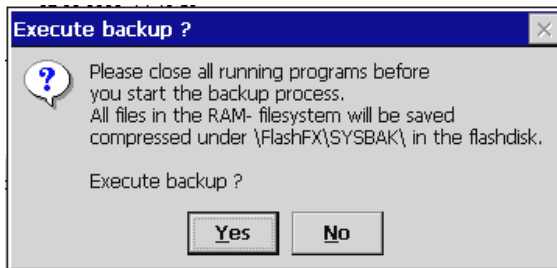


Fig. 44: The "SysBackup" window with the "Execute backup?" message

3. Confirm the "Execute backup?" message with **[Yes]**.  
*The SysBackup is executed. On completion, the following message appears.*

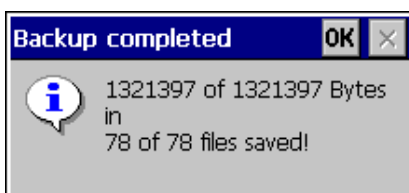


Fig. 45: The "SysBackup" window with the "Backup completed" message

4. Close the message with **[OK]**.
5. Close the "SysBackup" window by tapping on the **[Exit]** button.



If you change your system settings (e.g. recalibrating the touch screen), you must then perform a SysBackup. Otherwise these settings will be lost, for example, if the device is switched to "Complete Off".

### 8.2.2 Restoring a Backup

1. Open the "SysBackup" program.

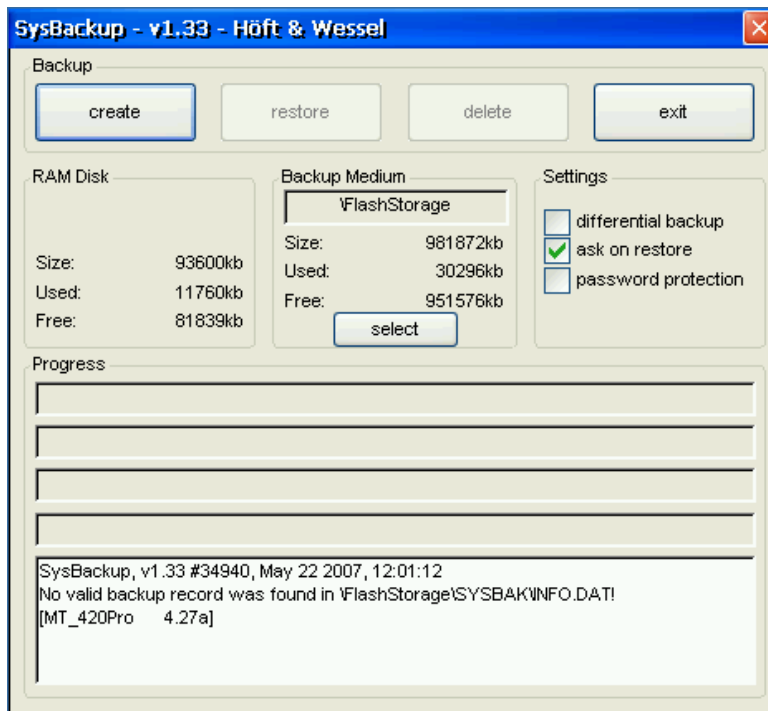


Fig. 46: The "SysBackup" program

2. In the "SysBackup" window, select the [**restore**] button by tapping. The "Execute restore?" message appears.

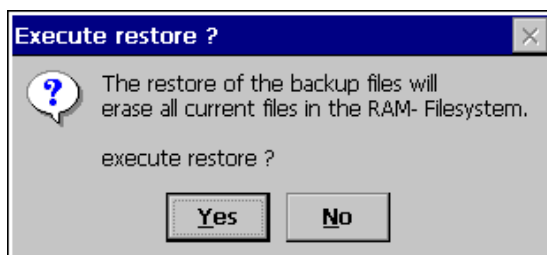


Fig. 47: The "SysBackup" program with the "Execute restore?" message

3. Confirm the "Execute restore?" message with [**Yes**]. The backup is imported.
4. Close the "SysBackup" window by tapping on the [**Exit**] button.



### 8.2.3 Deleting a Backup

1. Open the "SysBackup" program.

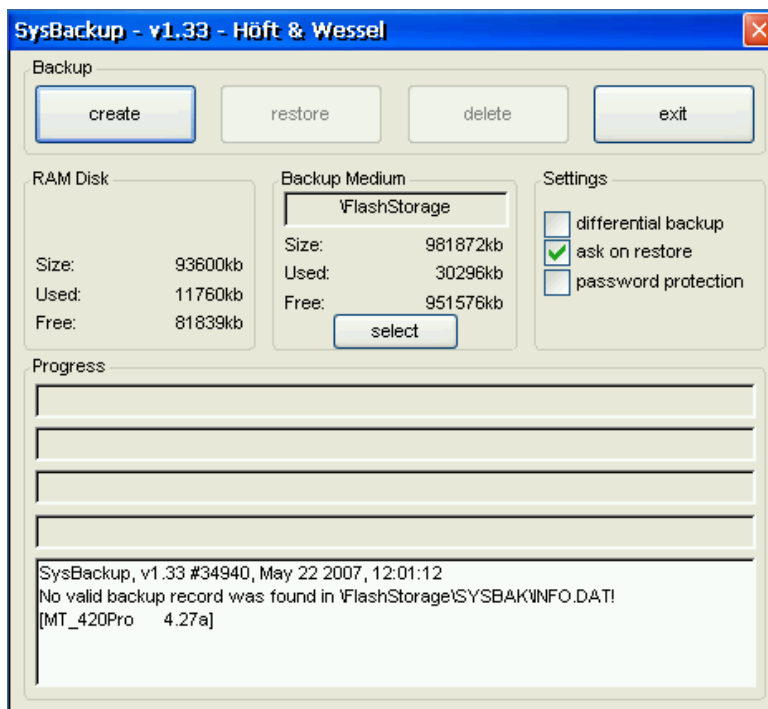


Fig. 48: The "SysBackup" program

2. In the "SysBackup" window, select the [**delete**] button by tapping. The "Erase backup files?" message appears.

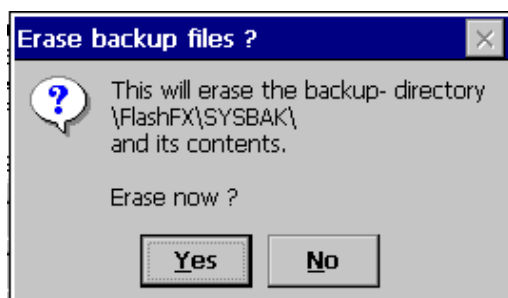


Fig. 49: The "SysBackup" program with the "Erase backup files?" message

3. Confirm the "Erase backup files?" message with [**Yes**]. The contents of the directory \FlashDisk\SYSDAK are deleted.
4. Close the "SysBackup" window by tapping on the [**Exit**] button.

## 9. Communication/Data Exchange

### 9.1 General Information on Exchanging Data with your Desktop PC

You can connect your skeye.pad POS through a desktop cradle via USB cable to your desktop PC.

Before you establish the connection, you must install ActiveSync on your desktop PC. You can then connect your skeye.pad POS and set up a partnership with your desktop PC.

It is possible to use your skeye.pad POS to set up several partnerships with different desktop PCs. To do this, you need an additional desktop cradle (e.g. office/home).

### 9.2 Installing ActiveSync on your Desktop PC

You can use the ActiveSync program to carry out the following tasks (between your desktop PC and your skeye.pad POS):

- Saving and restoring your skeye.pad POS data
- Adding and removing programs to and from your skeye.pad POS
- Synchronizing files
- Transferring and copying files

For more information, for example, about the system requirements, refer to the Microsoft website.

1. Start Internet Explorer or another browser on the desktop PC.
2. Enter the Internet address [www.microsoft.com](http://www.microsoft.com) in Internet Explorer.

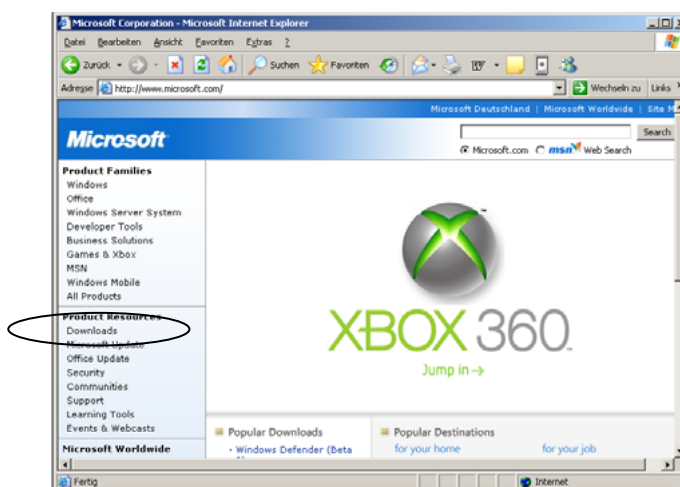


Fig. 50: The Microsoft website

3. Select "ActiveSync" under "Downloads" on this page and confirm your selection with "Go".
4. Follow the instructions displayed to install ActiveSync.
5. Then restart your desktop PC.
6. After you restart the PC, the system displays the "Create connection" dialog window, in which you are requested to create a connection with your skeye.pad POS.

## 9.3 Receiving and Sending Data

### 9.3.1 skeye.pad POS – Desktop PC

We recommend the "ActiveSync" program for communicating with your PC (Installing the Program, see Ch. 9.2).

1. Insert your skeye.pad POS in the connected desktop cradle.
2. Switch on your skeye.pad POS.
3. Switch on your desktop PC.

*The connection is automatically established. The "Connecting to USB" window opens.*

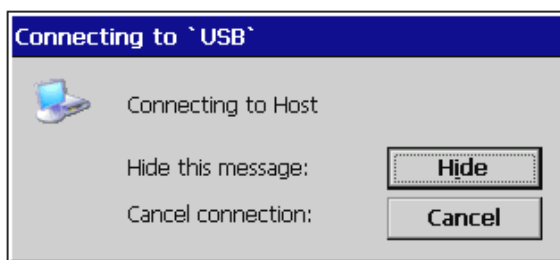


Fig. 51: The "Connecting to USB" window

*Once the connection to the desktop PC is established, the window is automatically hidden and the "New Partnership" window appears (see next page).*



If no connection is established, check that the cable is correctly connected and that the skeye.pad POS is correctly positioned in the desktop cradle and try again.

If you are still unable to establish a connection, follow the steps described in Ch. 10.1.

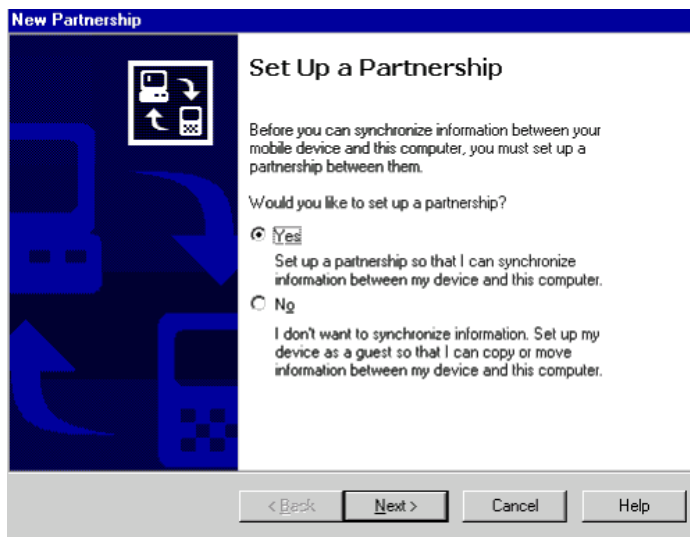


Fig. 52: The "New Partnership" window

4. In this window, you have the option of choosing
  - **"Yes"** to synchronize your skeye.pad POS with your PC, *or choosing*
  - **"No"** to log on to the PC as a "Guest".

Select    **"Yes"**                      (see Ch. 9.3.1.2) *or*  
              **"No"**                        (see Ch. 9.3.1.1) *and*

then confirm with [**Next >**]

### 9.3.1.1 "No" – Logging on as a Guest

If you use your mobile terminal to log onto a desktop PC as a guest, you can copy or move files from the desktop PC to the skeye.pad POS and vice versa.

The calendar and files cannot be automatically synchronized. To do this, you must create a partnership.

If you selected "No" in the "New Partnership" window, the following window appears:

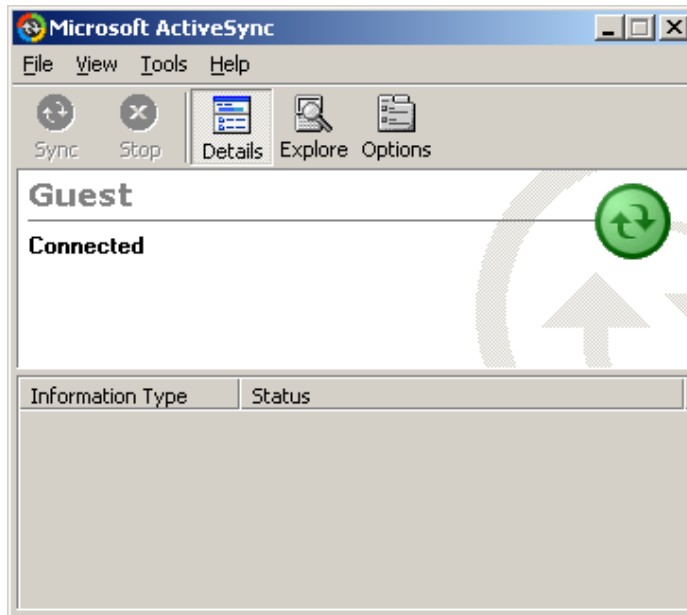


Fig. 53: The "Microsoft ActiveSync" window, logging on as a guest

1. You can now access the skeye.pad POS from your desktop PC. To do this, click on the "My Computer" symbol on the desktop of your PC.

*The "My Computer" window then opens showing all the available directories and devices.*



2. Select the symbol for your skeye.pad POS and a directory on the desktop PC that you want to work on.



My Device

### 9.3.1.2 "Yes" - Setting up a Partnership

If you use your skeye.pad POS to set up a partnership on a desktop PC, you can copy or move files from the desktop PC to the skeye.pad POS and vice versa. You can also automatically synchronize the calendar and files.

If you selected "Yes" in the "New Partnership" window, the following window appears:

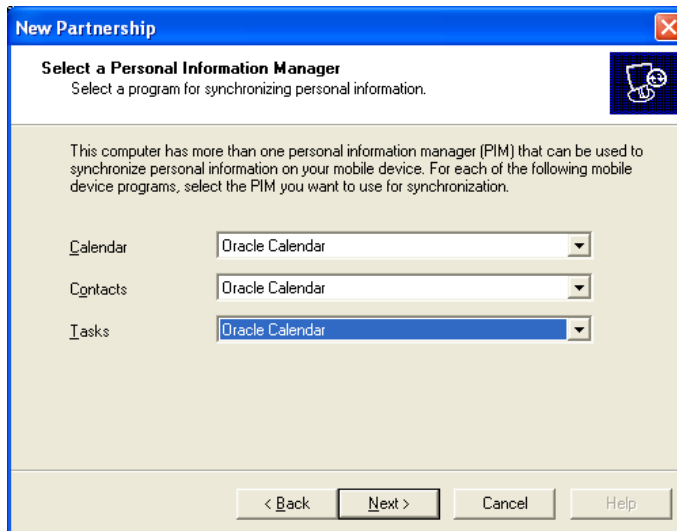


Fig. 54: The "New Partnership" window (PIM)

1. Select the **required programs** here and confirm your entries with [**Next >**].  
*The following window opens.*

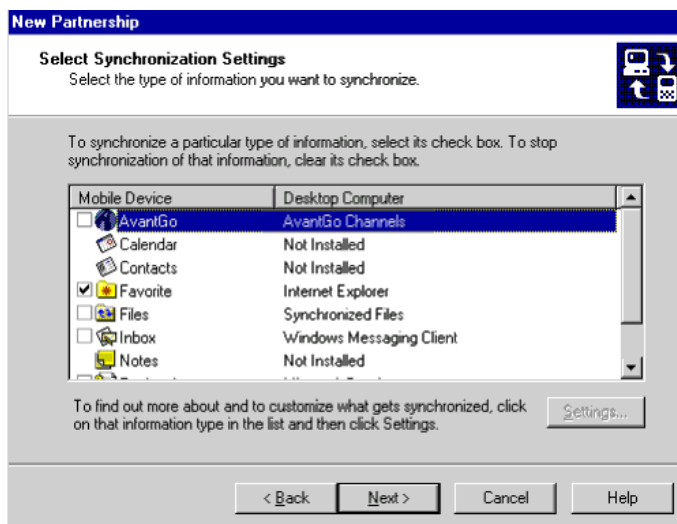


Fig. 55: The "New Partnership" window, synchronization settings

2. In this window, activate the **checkboxes** for the areas that you wish to synchronize with your skeye.pad POS.

3. Then select the [**Settings...**] button to specify the properties of the synchronization.  
*Depending on the areas selected, a corresponding synchronization window opens, e.g.:*

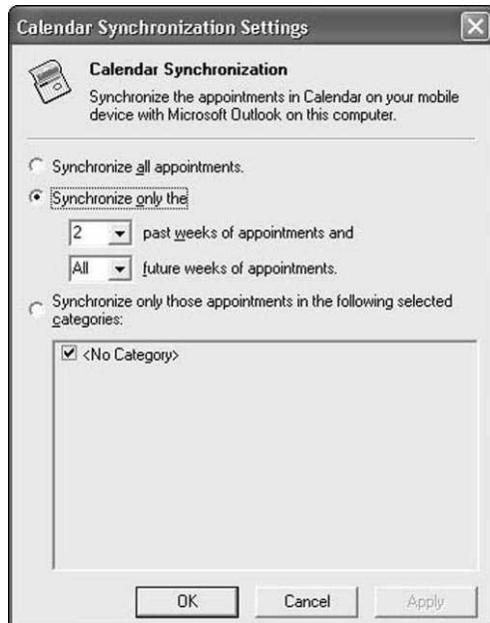


Fig. 56: The "Calendar Synchronization Settings" window

4. In this window, select the **required settings**.
5. Select [**OK**] to confirm your entries  
*The "New Partnership" window, "Synchronization Settings" appears.*



6. Select [**Next >**].  
*The following window opens:*

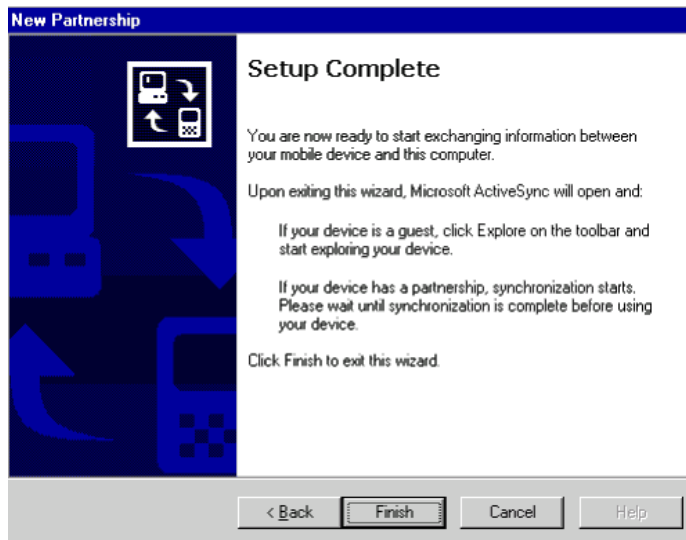


Fig. 57: The "New Partnership" window, "Setup Complete"

7. In this window, select **[Finish]**.  
*The setup starts.*

*After the setup is complete, the following window appears:*

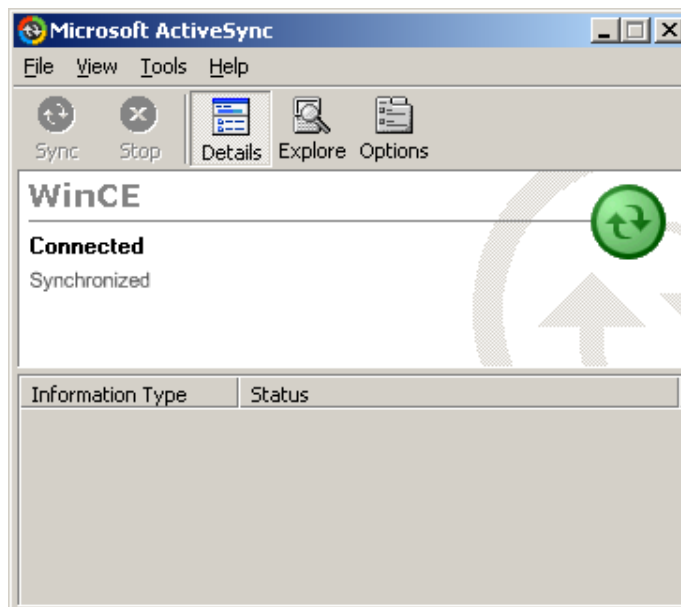


Fig. 58: The "Microsoft ActiveSync" window, logging on as a partnership



## 9.4 Creating a New Connection

### 9.4.1 Ethernet Settings

This setting is not normally required as the internal Ethernet controller automatically switches on as soon as an external current supply is connected to the skeye.pad POS.

The internal controller can also be switched on or off using the "CFConfig" tool.

1. Double-tap the "CFConfig" symbol on the desktop.  
*The "CF-Slot Configuration" window opens.*

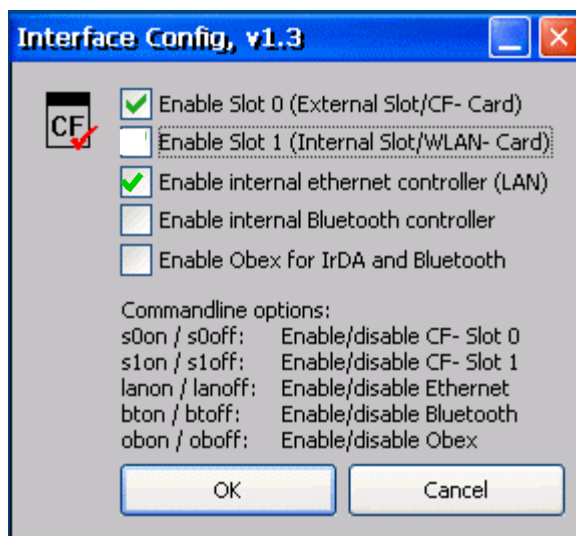


Fig. 59: The "CF-Slot Configuration" window

2. **Activate** the checkbox "**Enable internal Ethernet controller (LAN)**" in the "CF-Slot Configuration" window.
3. Close the "CF-Slot Configuration" window with [OK].
4. Select **Start** ⇒ **Settings** ⇒ **Network and Dial-up Connections**.  
*The "Network and Dial-up Connections" window appears.*

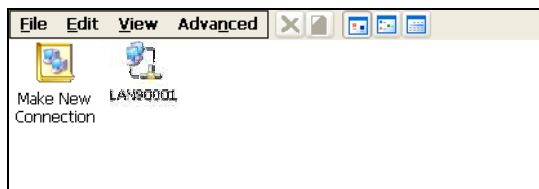


Fig. 60: The "Network and Dial-up Connections" window

5. Double-tap the following symbol to configure the Ethernet connection.



## 10. Appendix

### 10.1 Hardware Data

<b>Casing:</b>	<ul style="list-style-type: none"> <li>• Ergonomically shaped: Equally suitable for left and right-handed users</li> <li>• Plastic stylus for touch control stored in casing. (stylus)</li> <li>• Fastener for shoulder strap</li> </ul>
<b>Dimensions:</b>	<p>Casing dimensions in (WxHxD) in inches and (WxHxD) in mm</p> <ul style="list-style-type: none"> <li>• at the paper roll: approx. 9.448819" x 5.23622" x 1.771654" approx. 240 mm x 133 mm x 45 mm</li> <li>• Remaining casing: approx. 9.448819" x 5.23622" x 1.259843 approx. 240 mm x 133 mm x 32 mm</li> </ul>
<b>Weight:</b>	Depending on the equipment, approx. 2,2046 pound (1000 g)
<b>Processor:</b>	<ul style="list-style-type: none"> <li>• Intel PXA250 XScale processor</li> <li>• clock speed 400 MHz</li> </ul>
<b>Operating system:</b>	Microsoft Windows CE 5.0
<b>Memory:</b>	<ul style="list-style-type: none"> <li>• 64 – 256 MB SDRAM depending on equipment variant</li> <li>• 128 MB – 1 GByte FLASH depending on equipment variant</li> <li>• 1 Mbyte boot flash</li> <li>• 512 Kbyte SRAM</li> </ul>
<b>Peripheral controller:</b>	<p>The processor controls several peripheral components, for which real-time requirements are necessary, such as: printer, magnetic card reader, chip card reader, power management etc.</p> <ul style="list-style-type: none"> <li>• 24 MHz</li> <li>• 512 Kbyte Flash</li> <li>• 512 kbyte SRAM</li> </ul>
<b>Display:</b>	<ul style="list-style-type: none"> <li>• 6.4" VGA color TFT LCD, 640 x 480 pixels, 18-bit color depth</li> <li>• transmissive</li> <li>• integrated touch screen</li> </ul>
<b>Keyboard:</b>	<ul style="list-style-type: none"> <li>• 5 control buttons alongside the display</li> </ul>
<b>Buttons:</b>	<ul style="list-style-type: none"> <li>• 2 reset buttons</li> </ul>

**Notes about thermal paper**

- Keep the paper in a cool and dry location.

For more information about the temperature range and air humidity, refer to the paper specification issued by the paper manufacturer .

**10.2 Special Commands**

The table below contains special commands not included in the standard Windows CE system:

Call from the start menu:

Start → Run...

Start → Programs → System

<b>Special Command</b>	<b>Result</b>
Reset	Resets the skeye.pad POS. All running programs are terminated.
SysBackup	Creates a backup of, or restores, all programs and data in the RAM in the flash disk. This is useful, for example, in advance of switching the device to Complete Off.
SysInfo	Displays the operating system version and the device number
PowerOff	Complete Off: The battery is switched off, the RAM contents are lost. All programs and data should be backed up from the RAM file system to the flash disk beforehand with the aid of SysBackup.

## 10.3 The ActiveSync Connection cannot be Established

### 10.3.1 Checking Connection Settings on the Desktop PC

1. Start ActiveSync on the desktop PC.

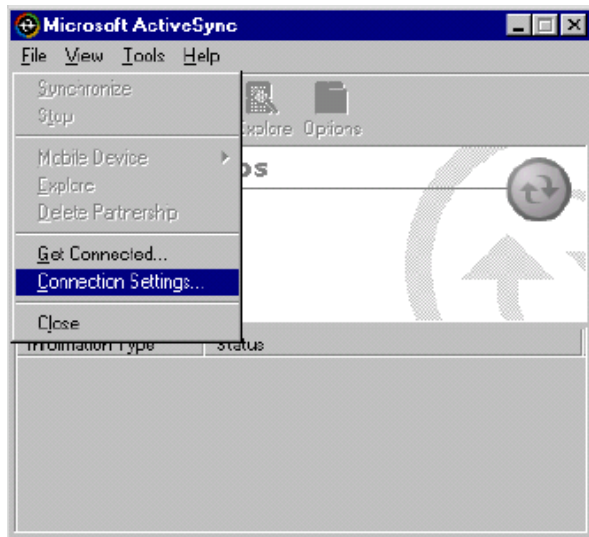
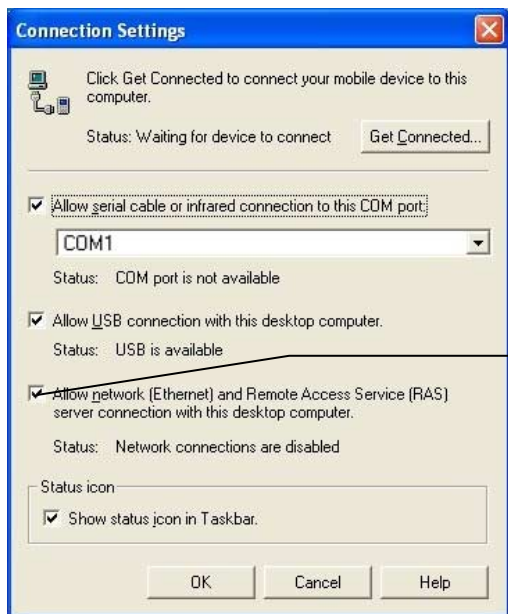


Fig. 61: The "ActiveSync" program window with the "File" menu open

2. In the "File" menu, select the "Connection Settings..." submenu.  
*The "Connection Settings" window.*



You must activate  
this checkbox

Fig. 62: The "Connection Settings" window

3. Check and, if necessary, adjust your entries.
4. Confirm your entries with [OK].

### 10.3.2 Checking the Registry Entries

If it is not possible to establish an ActiveSync connection between skeye.pad POS and PC, Microsoft recommends checking and, if necessary, adding the following registry entries on the PC:

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows CE Services]

"SerialPort"="COM1" (or COM2)

[HKEY\_CURRENT\_USER\Software\Microsoft\Windows CE Services]

"SerialBaudRate"=0001c200 (115200) (for 115 kbit/s)

Procedure:

- On the PC: Choose Start ⇒ Run... ⇒ "Regedit"
- Click on HKEY\_LOCAL\_MACHINE
- Open \SOFTWARE\Microsoft\Windows CE Services
- Are both entries present?

If not, create them again:

- Click on Windows CE Services
- Choose the menu item Edit ⇒ New ⇒ Character Sequence
- Enter "SerialPort" as a name (without quotation marks)
- Double-click "SerialPort", the "Edit character sequence" window opens
- Select "Decimal", enter 115200
- Select the menu item Edit ⇒ New ⇒ DWORD value
- Enter "SerialBaudrate" as a name (without quotation marks)
- Double-click on "SerialBaudRate", the "Edit DWORD value" appears
- Enter COM1 (or the COM port you are using)
- Exit the Registry Editor
- Restart the PC so that changes can take effect.

## 10.4 Manufacturer's Address

Höft & Wessel AG  
Rotenburger Str. 20  
30659 Hannover  
Germany

Tel: + 49 (0)511/6102 - 0  
Fax: + 49 (0)511/6102 - 411

[www.hoeft-wessel.de](http://www.hoeft-wessel.de)  
[info@hoeft-wessel.de](mailto:info@hoeft-wessel.de)

Service Line: + 49 (0)1803 / 23 28 29 (throughout Germany 0.09 EUR per min)

Sales:  
Skeye USA  
12905 S.W. 129th Avenue  
Miami, FL 33186

Phone: +1 305 909-0173  
Fax: +1 305 596-7222

[info@skeye-usa.com](mailto:info@skeye-usa.com)  
[www.skeye-usa.com](http://www.skeye-usa.com)

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