Vectron POS MobileXL

User manual

Your Vectron dealer

Stamp

Date: 02.03.2012

Vectron
Leading in POS Technology

Contents

1. Terms, signs and symbols

This chapter informs you about the terms, signs and symbols that are used in this user manual.

1.1. Notes on safety

This user manual contains safety notes, which indicate hazards when operating the Vectron POS MobileXL, in the following referred to as MobileXL.

Each safety note consists of three elements, the signal word (1), the word message (2) and the safety symbol (3).
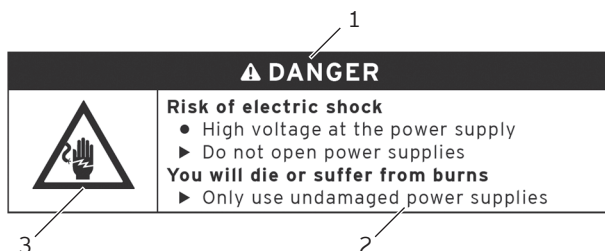
Fig. 1: Example for a safety note

1.1.1. Signal words

Signal words inform you about the risk of danger. The risk contains information on how serious injuries are and how probable it is that an injury will occur.

⚠ DANGER

The signal word "DANGER" indicates a danger with high risk, which will result in death or severe injury if it is not avoided.

⚠ WARNING

The signal word "WARNING" indicates a danger with medium risk, which could result in death or severe injury if it is not avoided.

⚠ CAUTION

The signal word "CAUTION" indicates a danger with low risk, which could result in minor injuries if it is not avoided.

NOTICE

The signal word "NOTICE" indicates a danger, which could result in material damage if it is not avoided.

1.1.2. Word message

Information of the word message for personal injury appear in the same order in every safety note.

Risk of electric shock
- High voltage at the power supply
- ▶ Do not open power supplies

You will die or suffer from burns
- ▶ Only use undamaged power supplies

The word message contains the following information:

- You are told what is dangerous.

- You are told what endangers you and where the danger is located.

- You are told what you must not do.

- You are informed about the consequences when ignoring the safety note.

- You are told what you have to do to avoid the hazard.

Information of the word message for material damage appear in the same order in every safety note.

Caustic cleansers can damage the surfaces
- ▶ Do not use caustic cleansers
- ▶ Only use mild cleansers or water for cleaning

The word message contains the following information:

- You are told what causes the material damage.

- You are told what you must not do.

- You are told what you have to do to avoid material damage.

1.1.3. Safety symbols

Each safety note contains a safety symbol, which marks the hazard graphically. If no special safety symbol is available, the general safety symbol is used.

Safety symbols have the following meaning:

Symbol	Meaning
⚠ ⚠	General safety symbols for signal word panels, warning of personal injuries.
⚠	General safety symbol for hazards for which no special safety symbol is available.
⚠	Special safety symbol for hazards through electric current.
⚠	Special safety symbol for hazards through high temperatures

1.2. References to information

This user manual contains information that refer to helpful information concerning the handling of MobileXL.

The information signal has the following meaning:

i	The information signal indicates references to information that can be helpful when operating the MobileXL.

2. General notes on safety

This chapter informs you about hazards that exist when operating the MobileXL.

Observe the following notes on safety by all means:

⚠ DANGER

	Risk of electric shock
	● High voltage at cable and power supply
	▶ Do not open power supplies
	You will die or suffer from burns
	▶ Only use undamaged cables and power supplies
	▶ Only use cables and power supplies in original condition
	▶ Do not use liquids next to cable and power supply

⚠ DANGER

	Danger through high temperatures
	● Batteries B40 can ignite
	▶ Do not expose batteries B40 to fire or high temperatures
	▶ Do not open, drop, throw or modify batteries B40
	You will suffer from cauterization or burns
	▶ Charge batteries B40 between 0 and 45 °C at air humidity of 45 to 85 percent
	▶ Discharge batteries B40 between -10 and 60 °C at air humidity of 45 to 85 percent
	▶ Store batteries B40 between -20 and 60 °C at air humidity of 45 to 85 percent

⚠ CAUTION

	Risk of electric shock
	• Short circuit in the low-voltage circuit of the power supply
	▶ Do not pour liquids over MobileXL, cable and power supply
	You could suffer an electric shock
	▶ Do not use liquids next to cable and power supply

NOTICE

	Damage of MobileXL
	• Dropping of MobileXL from the set-up area
	• Transport and dispatch of MobileXL in inappropriate packaging
	• Overvoltage in power supply network
	• Overvoltage through connection of a wrong power supply
	The MobileXL could be damaged
	▶ Place MobileXL on a stable, even surface with sufficient space
	▶ Keep the original packaging
	▶ Transport and dispatch the MobileXL exclusively in the original packaging
	▶ Exclusively connect the MobileXL to a voltage between 100 and 240 volt
	▶ Exclusively use Vectron accessories or accessories approved by Vectron

NOTICE
Damage of B40 batteries ● Short circuit of battery electronics **The B40 batteries could be damaged** ▶ Do not touch contacts of B40 batteries with metallic objects ▶ Do not pour liquids over B40 batteries or clean them with liquids ▶ Do not use damaged batteries ▶ Do not ship damaged batteries ▶ Dispose of damaged batteries properly

NOTICE
Modification of configuration and programming of MobileXL ● Loss and illegal modification of data ● Illegal modification of configuration and programming **You could sustain financial damage and penal consequences** ▶ Protect programming by passwords ▶ Assign each operator exclusively his required rights

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3. About this manual

This user manual is part of the MobileXL. The user manual must be kept together with MobileXL. When forwarding the MobileXL please forward this manual as well.

3.1. Target group

This user manual is meant for end users of the MobileXL.

3.2. Purpose

This user manual informs you about performance and features of the MobileXL. It is meant to inform you about how to start, operate and close down the MobileXL.

3.3. Dealer support

Vectron Systems AG is the manufacturer of MobileXL. Vectron does not sell the MobileXL directly to end users. The Vectron specialist dealer from whom you purchased the MobileXL is your contact partner for all questions concerning the POS system.

The MobileXL systems which Vectron sells to their specialist dealers are neither programmed nor configured. Your Vectron dealer should have programmed and configured your MobileXL system after consulting you and according to your requests.

For this reason, this end user manual contains only the information that applies for all MobileXL POS systems, since the Vectron POS software should be programmed and configured individually for you. This end user manual does not contain information about programming and configuration of the MobileXL POS system.

You should have obtained detailed training and documentation, adjusted to your programming and configuration of Vectron POS software, from your Vectron dealer.

3.4. Explanatory notes on content

The chapter "Specifications" gives an overview on the tasks for which you can use the MobileXL. In chapter "Device description" you are informed about the components of MobileXL, where you find the components, their designation and the functions they have.

The chapter "Starting" explains the preparations required for starting the MobileXL. The normal mode of the MobileXL is explained in chapter "Operation". The chapter "Shutdown" describes how to shut down the MobileXL if you do not use it for a longer period.

The chapter "Errors, possible reasons and troubleshooting" helps you to remove errors. The chapter "Service and maintenance" explains how to clean the MobileXL and how to get technical support.

The chapter "Disposal" describes how to dispose of MobileXL after use. The "Glossary" explains abbreviations and terms that are used in connection with MobileXL. The chapter "Icons" explains the graphical elements of MobileXL and their meaning.

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The "EC Declaration of conformity" certifies the guide-
lines with which MobileXL complies and according to which
standards the MobileXL was built.

The chapter "Accessories" informs you about additional
products that you can buy and use together with MobileXL.
The chapter "Other Vectron products" informs you about
other products, which Vectron offers in addition to Mobi-
leXL.

4. Specification

This chapter informs you about the features, the technical data and the intended use of MobileXL.

MobileXL is a hybrid POS system that consists of two components: MobileXL POS system and MobileXL charging- and docking station. You bought the components separately. Hybrid POS system means that the MobileXL is suitable for mobile as well as for stationary use in the MobileXL charging- and docking station.

The MobileXL POS system comprises the MobileXL POS system with one battery B40.

The MobileXL charging- and docking station comprises charging- and docking station and power supply Vectron PS30 with power cord.

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4.1. MobileXL POS system

The MobileXL POS system is a mobile POS system, which you can also use without network connection.

The MobileXL POS system consists of a shock- and splash-proof magnesium housing.

Via the touch screen you enter data like bookings with your finger or the touch pen. The display is readable even in direct sunlight.

The MobileXL POS system transfers the entered data per Wireless LAN. It supports the WEP safety standard for data encryption. Via the wireless network connection you can update the Vectron POS software or read out booking data.

The MobileXL POS system can connect to several Access Points. It independently selects the Access Point with the strongest radio signal. Thanks to this function, a large reception- and transmission area can be covered. Your Vectron dealer can check for you whether the MobileXL POS system can be integrated to an existing Wireless LAN.

The MobileXL POS system has installed two WiFi antennas to guarantee the best possible reception.

Bluetooth allows wireless connection of devices to the MobileXL POS system via short distances, eg connection of mobile printers.

The MobileXL POS system provides a SIM card slot. Your Vectron dealer can insert a SIM card to the slot, eg for encrypting data of a future fiscal memory.

A sensor recognizes when you tilt the MobileXL POS system. Your Vectron dealer can configure the MobileXL POS system for you so that the screen content is tilted by 180 degrees, for showing a customer his order or invoice for example. Furthermore you can program the POS system so that is switched to quiescent state in a defined position.

The MobileXL POS system has an integrated loudspeaker. It can inform you about system messages by means of sounds. Please ask your Vectron dealer to configure the sounds for you.

Your Vectron dealer can configure the MobileXL POS system so that the integrated vibration function informs you about incoming messages that were sent by eg a Service-Call.

Shipment of the MobileXL POS system includes a battery B40. The lithium ion accumulator provides energy for approx. four hours, depending on ambient conditions and usage. The service life depends for instance on whether Wireless LAN and screen are switched on and whether the power save function is programmed. The battery can be exchanged within short time.

The MobileXL POS system has a cache and a flash memory. In case of power failure, the cache, where data is stored during operation of the MobileXL, is supplied with power by means of a buffer battery. After switching off the MobileXL data is stored in the flash memory.

The MobileXL POS system has a power save function with which you can switch off components. Thanks to the lower energy consumption you can prolong the service life of the MobileXL POS system depending on ambient conditions and usage.

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The MobileXL POS system can optionally be equipped with a transponder. You can use an RFID card eg for log in to the POS system. Likewise, you can use the transponder for loyalty programs. The optional transponder uses the TAG-It HF-I plus standard with 13,56 MHz.

Your Vectron dealer should have configured and programmed the MobileXL according to your requests.

4.2. Vectron POS software

The MobileXL POS system is supplied with Vectron POS software, which your Vectron dealer configured and programmed.

All Vectron POS systems use the same software. The GUI can be adjusted individually to the different screen sizes of the stationary and mobile POS systems.

The functions that can be used with the installed Vectron POS software depend on the applied software version, configuration and programming of the MobileXL POS system.

4.3. MobileXL charging- and docking station

The MobileXL charging- and docking station serves for charging B40 batteries and for connecting peripherals like eg printers, customer displays and cash drawers to the MobileXL POS system.

You can charge up to three B40 batteries simultaneously in the MobileXL charging- and docking station: two batteries in the compartments of charging- and docking station and one more, if it is inserted in the MobileXL POS system and the POS system is put in the charging- and docking station. You can use the MobileXL POS system in the charging- and docking station during the charging process.

It takes about four hours to charge a discharged battery in the MobileXL charging- and docking station. The charging- and docking station requires more time to charge the battery inserted in the MobileXL POS system when the POS system is switched on. The indicator lamps of MobileXL POS system and the charge indicator at the battery compartments tell you whether the inserted B40 batteries are charged or being charged.

To the two USB- and four serial ports at the rear of MobileXL charging- and docking station you can connect external devices like eg printers, customer displays and scanners. At the front of MobileXL charging- and docking station you find another USB-port for connecting eg a USB-stick or a USB-keyboard.

Your Vectron dealer can integrate the MobileXL into a POS system network via a network port at the charging- and docking station. The MobileXL POS system can receive data via the network and send data to other POS systems when it is inserted in the charging- and docking station.

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The MobileXL charging- and docking station has a port to which you can connect the cash drawers. Using a Y-cable you can connect up to two cash drawers.

The Kensington-port serves for connecting an anti-theft device, protecting the MobileXL charging- and docking station against theft by means of a lock and a wire rope.

An operator lock is mounted to the housing of the MobileXL POS system. With the suitable operator key you can log in to the MobileXL POS system when it is inserted in the MobileXL charging- and docking station. Your Vectron dealer should have configured the operator lock system for you.

4.4. Use as directed

The MobileXL POS system may be used as hybrid POS system. The MobileXL charging- and docking station may be used for charging B40 batteries, for connecting approved external devices and in connection with the MobileXL POS system as stationary POS system.

Use the supplied cable with safety plug to connect the MobileXL charging- and docking station and power supply Vectron PS30 to a grounded socket. Using other power supplies and cables is not as directed. The power supply network must be protected with a residual current device.

MobileXL POS system, MobileXL charging- and docking station, power supply Vectron PS30 and battery B40 must not be opened. POS system, charging- and docking station and their accessories must not be modified.

The operating company of MobileXL is responsible for storage and backup of data created with the MobileXL. The data is to be processed and stored in such a way that they comply with eg the demands of fiscal authorities.

Depending on configuration and programming of the Vectron POS software, operators can modify the stored data, configuration and programming of the MobileXL, for instance the PLU- or rights table for operators. Furthermore, operators can carry out functions like void if these are enabled in the rights management of the POS system.

You should protect yourself against undesired changes of the above mentioned parts of programming. This can be achieved by using operator keys, RFID cards and passwords. Each operator should be assigned his required authorization in the rights table of the POS system. Operator keys and RFID cards, which enable these rights, must exclusively be accessible to the respective operators. The passwords must exclusively be known by the respective operators.

Operator rights must be assigned thoroughly, since operators - depending on their rights - can change or delete data, configuration and programming. These changes can cause you financial damage or lead to penal consequences, for instance if the stored data does no longer comply with demands of the fiscal authorities.

The operating company of MobileXL is responsible for assigning the operator rights. Prior to starting, your Vectron dealer should draw up a concept for the assignment of operator rights together with you. Each operator of MobileXL should exclusively be granted the rights he requires.

Your Vectron dealer is responsible for programming and configuration of the MobileXL. Vectron advises you not to modify the programming and configuration yourself.

Please contact your Vectron dealer for any questions and demands concerning programming and configuration.

MobileXL POS system, MobileXL charging- and docking station, power supply Vectron PS30 and the battery B40 must exclusively be operated under ambient conditions as described in chapter 4.5 "Technical data" on page 30. Using the components in other ambient conditions is not as directed. The MobileXL charging- and docking station must not be set up and used in the open.

The touch screen must exclusively be touched with touch pen or fingers.

Batteries B40 may be charged either in the MobileXL charging- and docking station or in the MobileXL POS system, when it is inserted in the MobileXL charging- and docking station.

Operation of MobileXL is exclusively allowed with Vectron original accessories or accessories approved by Vectron. Your Vectron dealer will inform you about accessories that you can use together with the MobileXL.

Keep the packaging material for dispatch purposes. Send the MobileXL POS system and MobileXL charging- and docking station exclusively in its original packaging. Vectron Systems AG does not accept liability for damages due to improper packaging.

Use as directed also includes the reading and understanding of this user manual. In addition, the accidental regulations of the professional organizations have to be observed.

Any other use than the one described is not as directed. Vectron Systems AG does not accept liability for damages or injuries resulting from improper use.

4.5. Technical data

This chapter informs you about the technical data of Mobi-leXL.

4.5.1. MobileXL POS system

Technical data of the MobileXL POS system	
Display	14.48 cm (5.7")-TFT-LCD
Lighting	LED-backlight
Display size (active)	11.52 x 8.64 cm; active
Resolution	640 x 480 pixel
Colours	up to 256
Input	touch screen
Housing	two-part magnesium housing, splash-proof
Processor	64-Bit processor, 131 MHz
Main memory	64 MB SDRAM
Cache	2 MB SRAM
Mass storage	1 GB Flash memory
Ports	in connection with charging- and docking station
Wireless LAN	IEEE 802.11b
Bluetooth	2.0
Audio	mono loudspeaker, 1 W
Orientation sensor	four-way orientation sensor
Vibration alarm	integrated
Power supply	Lithium-ion battery, 2600 mAh
Buffer battery	for permanent power supply of cache
Power consumption	0.03 to 5 W
Temperature	storage: -20 to 70 °C operation: -10 to 50 °C
Air humidity	10 to 80 %, non condensing

Technical data of the MobileXL POS system	
Dimensions (W x H x D)	18.2 x 4.4 x 12.1 cm
Weight	530 g, excl. battery
Certified	CE

4.5.2. Battery B40

Technical data of battery B40	
Type	Lithium-ion battery
Charging capacity	2600 mAh
Voltage	7.4 V
Temperature	storage: -20 to 35 °C charging: 0 to 45 °C cell temperature discharging: -10 to 60 °C cell temperature
Air humidity	45 to 85 %, non condensing
Service life	ca. 500 charge cycles
Dimensions (W x H x D)	7.6 x 2.3 x 6.5 cm
Weight	129 g

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4.5.3. MobileXL Charging- and docking station

Technical data MobileXL charging- and docking station	
Cash drawer port	1 x port type RJ12; for up to two cash drawers with Y-cable
Network port	1 x 10/100BASE-T; Ethernet
USB-ports	3 x USB 1.1; port type A; one of them at the front
Serial ports	4 x RS232; port type RJ45; for external devices
Operator lock	Dallas iButton Standard; optional Dallas iButton Magnet or Addimat
Input voltage	24 V direct voltage
Input current	maximum 3.33 A
Power consumption	maximum 80 W
Temperature	Storage: -10 to 70 °C Operation: 0 to 45 °C
Air humidity	45 to 85 %, non condensing
Dimensions (W x H x D)	19.6 x 13.2 x 22 cm
Weight	1180 g, with key

4.5.4. Power supply Vectron PS30

Technical data of power supply Vectron PS30	
Input voltage	100 to 240 V alternating voltage
Input current	max. 1.07 A
Output voltage	+ 24 V direct current
Output current	max. 3.3 A
Output power	max. 80 W
Power consumption	max. 93 W
No-load loss	0.3 to 0.5 W

Technical data of power supply Vectron PS30	
Temperature	storage: -40 to 85 °C operation: 0 to 40 °C
Air humidity	operation: 5 to 95 %, non con- densing
Dimensions (W x H x D)	7.6 x 14.6 x 4.3 cm
Weight	585 g
Certified	CE, UL

4.5.5. Vectron POS software

Technical data of Vectron POS software	
100,000	PLUs *
65,535	Departments *
2,000	Operators *
65,535	Guest checks or customers *
200	Cash registers per network *
100	Printers per network *

* Maximum values, which can only be obtained with special programming.

5. Device description

The MobileXL comprises two components, which you bought sepa-
rately: the MobileXL POS system and the MobileXL charging- and
docking station.

5.1. Shipment

Shipment of the MobileXL POS system comprises the parts
listed below. Please check the correct delivery on receipt.

- Vectron POS MobileXL POS system
- Battery B40
- Vectron POS software with licence
- User manual
- Dispatch box

Shipment of MobileXL charging- and docking station
comprises the parts listed below. Please check the correct
delivery on receipt.

- Vectron POS MobileXL charging- and docking station
- External power supply Vectron PS30
- Power cord
- Key
- Four operator keys for operator lock Dallas iButton
  Standard or Dallas iButton Magnet
- Dispatch box

5.2. Device description

Here you are informed about the components of the Mo-
bileXL, where you find the components and their designa-
tion.

5.2.1. MobileXL POS system front view
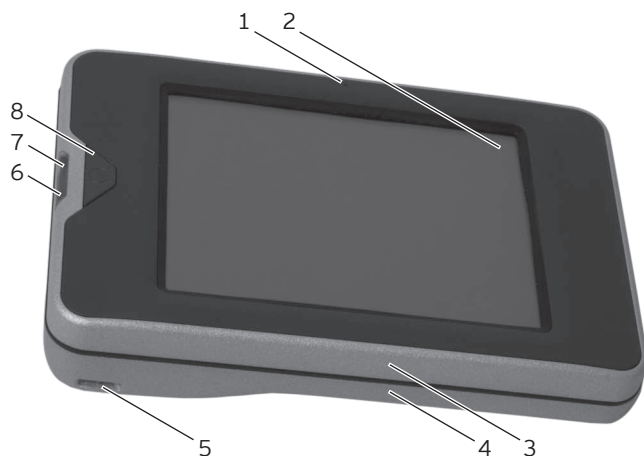
Fig. 2: MobileXL POS system front view

Pos.	Designation
1	Brightness sensor
2	Touch screen
3	Housing front
4	Housing rear
5	Lug
6	Indicator lamp 1
7	Indicator lamp 2
8	ON/OFF key

Brightness sensor pos. 1

The brightness sensor measures the light quantity in the environment of the MobileXL POS system and adjusts the display brightness.

Touch screen pos. 4

Via the touch screen you enter data to the MobileXL POS system using the touch pen or your fingers.

Lug pos. 5

At the lug you can attach a safety strap, which is available as accessory.

Indicator lamps 1 and 2 pos. 6, 7

The indicator lamps show the operating state of MobileXL POS system and the charging state of the B40 battery, when the POS system is inserted in the MobileXL charging- and docking station.

Lamp		Colour		Interval	State
1	2	blue	red green	flashing once	POS system was switched on
	2	green		flashing	POS system taken out of the charging- and docking station; POS system is in quiescent state
	1	blue		flashing	POS system has received a new message

Lamp		Colour		Interval	State
2		green		perma-nent	POS system is inserted in the charging- and docking station; batteries inserted in the POS system are charged completely
2		green		flashing	POS system is inserted in the charging- and docking station; batteries are being charged
1	2	blue	red	flashing once	POS system was switched on; batteries not charged sufficiently to start the POS system
2		red		flashing three times	Battery is damaged
1	2	blue	red	perma-nent	ON/OFF key is pressed to switch off the POS system
1	2	blue	green	flashing	ON/OFF key is pressed; POS system is switched off

ON/OFF key pos. 8

With the ON/OFF key you switch on and off the MobileXL POS system and bring it to quiescent state.

5.2.2. MobileXL POS system rear view
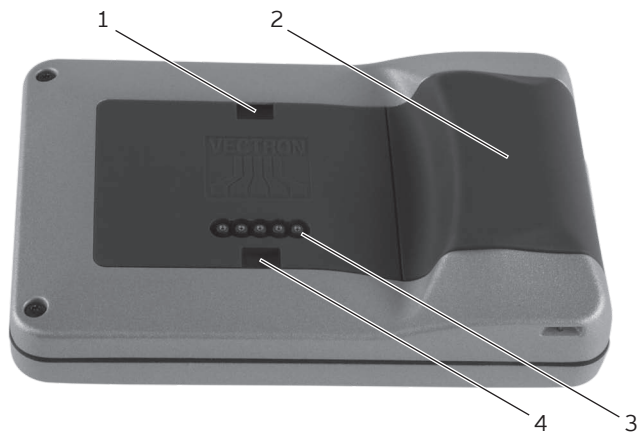
Fig. 3: MobileXL POS system rear view

Pos.	Designation
1	Locking groove
2	Battery B40
3	Contacts for MobileXL charging- and docking station
4	Locking groove

Locking groove pos. 1, 4

The locking of MobileXL charging- and docking station engages in the locking groove of the MobileXL POS system when you lock the MobileXL charging- and docking station.

Battery B40 pos. 2

The battery B40 supplies the MobileXL POS system with current.

Contacts for MobileXL Charging- and docking station pos. 3

The inserted B40 battery is charged via the contacts for the MobileXL charging- and docking station. Furthermore, the MobileXL POS system is connected via these contacts to the ports of MobileXL charging- and docking station.

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5.2.3. MobileXL POS system detensiled view

Fig. 4: Detailed view of MobileXL POS system

Pos.	Designation
1	Battery locking groove
2	Battery compartment
3	Label
4	Contacts for battery B40
5	Battery locking

Battery locking groove pos. 1

Push the battery locking tongue of battery B40 into the battery locking groove when inserting a battery.

Battery compartment pos. 2

To the battery compartment you insert a B40 battery.

Label pos. 3

The label serves for unambiguous identification of the MobileXL POS system. It contains article number and serial number of the MobileXL POS system.

Contacts for battery B40 pos. 4

The MobileXL POS system is supplied with power via the contacts for the B40 battery.

The inserted B40 battery is charged via the contacts when the MobileXL POS system is inserted in the MobileXL charging- and docking station.

Battery locking pos. 5

In the battery locking you attach the battery unlocking of the B40 battery.

5.2.4. Battery B40
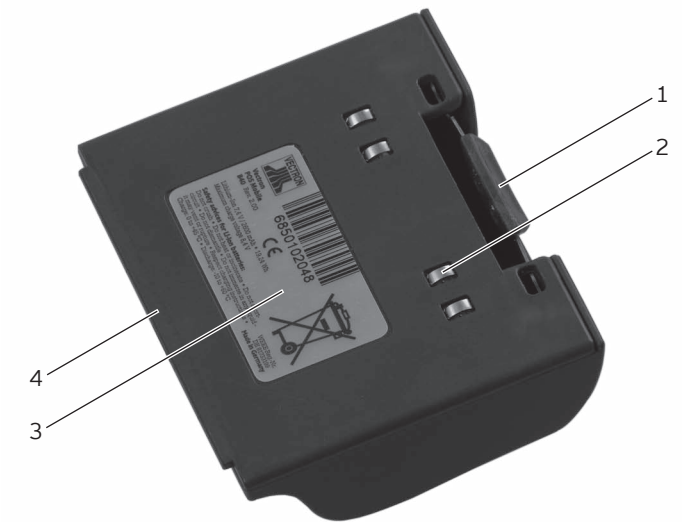
Fig. 5: Battery B40

Pos.	Designation
1	Battery unlocking
2	Battery contacts
3	Label
4	Battery locking tongue

Battery unlocking pos. 1

By pressing the battery unlocking you release the battery B40 from the compartment.

Battery contacts pos. 2

The MobileXL POS system is supplied with power via the contacts of the B40 battery.

The battery is charged via the contacts when being inserted in a compartment of the MobileXL charging- and docking station. The battery is also charged via the contacts when being inserted in the POS system and the POS system is inserted in the MobileXL Charging- and docking station.

Label pos. 3

The label serves for unambiguous identification of the battery B40. It contains article number and serial number of the B40.

Battery locking tongue pos. 4

The battery locking tongue fixes the B40 battery in the compartment of the MobileXL POS system or in one of the compartments of MobileXL charging- and docking station.

5.2.5. MobileXL Charging- and docking station front view
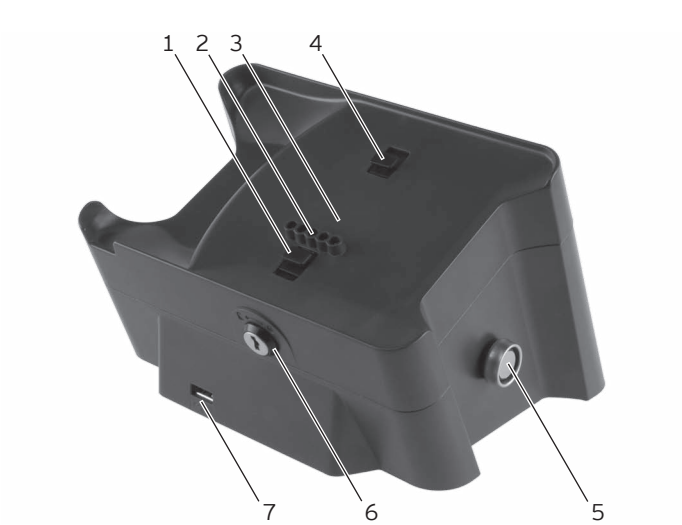
Fig. 6: MobileXL Charging- and docking station front view

Pos.	Designation
1	Locking
2	Charging station contacts for MobileXL POS system
3	MobileXL holder
4	Locking
5	Operator lock
6	POS system lock
7	USB-port

Locking pos. 1, 4

The locking is opened or closed by turning the POS system lock.

Charging station contacts for MobileXL POS system pos. 2

Via these contacts you charge the inserted B40 battery. Furthermore, a data line connects the MobileXL POS system to the ports installed in the MobileXL charging- and docking station.

MobileXL holder pos. 3

Holds the MobileXL POS system when the B40 battery is charged.

Operator lock pos. 5

Via the operator lock you log in to the POS system, using an operator key. This figure shows the Dallas iButton Standard lock. The Addimat operator lock is mounted at the right, next to the USB-port.

POS system lock pos. 6

With the suitable key you open and close the locking of MobileXL charging- and docking station. POS system and charging- and docking station are connected when the POS system lock is closed.

USB-port pos. 7

The USB-port serves for connecting external devices and storage media to the MobileXL charging- and docking station.

5.2.6. MobileXL charging- and docking station rear view
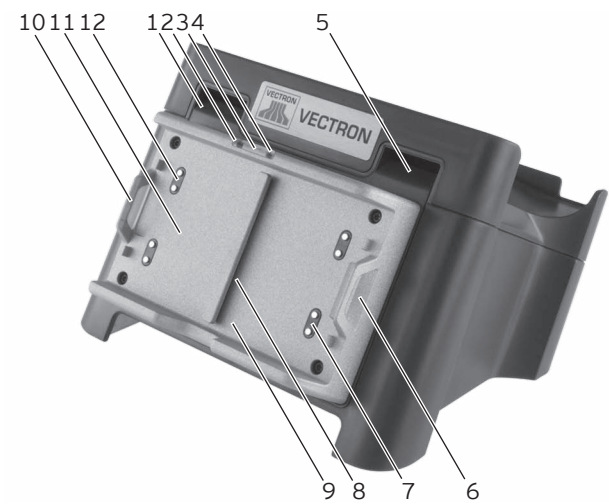
Fig. 7: MobileXL charging- and docking station rear view

Pos.	Designation
1	Vent
2	Charge indicator
3	Indicator lamp
4	Charge indicator
5	Vent
6	Battery locking
7	Charging contacts for battery B40
8	Battery locking groove
9	Battery compartment
10	Battery locking
11	Battery compartment
12	Charging contacts for battery B40

Vent pos. 1, 5

Heat that develops in the MobileXL charging- and docking station escapes through the vent.

Charge indicator pos. 2, 4

The charge indicator shows the state of charge of the B40 batteries.

Colour	Interval	State
orange	flashing	battery is being charged
orange	flashing quickly	charging contacts for B40 have no contact or batteries are damaged
orange	permanent	battery is completely charged

Indicator lamp pos. 3

The indicator lamp is green when the MobileXL charging- and docking station is supplied with power.

Battery locking pos. 6, 10

In the battery locking you attach the battery unlocking of a battery B40 or a battery housing B40.

Charging contacts for battery B40 pos. 7, 12

The B40 batteries are charged via the charging contacts.

Battery locking groove pos. 8

Push the battery locking tongue of the battery B40 into the battery locking groove when inserting a battery.

Battery compartment pos. 9, 11

In the battery compartments you insert and charge B40 batteries.

5.2.7. MobileXL Charging- and docking station bottom view
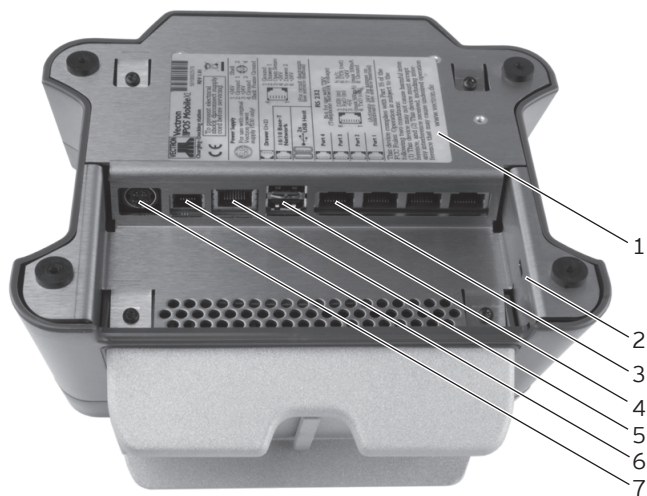
Fig. 8: MobileXL charging- and docking station bottom view

Pos.	Designation
1	Label
2	Kensington port
3	Four serial ports
4	Two USB ports
5	Network port
6	Cash drawer port
7	Power supply

Label pos. 1

The label serves for unambiguous identification of the MobileXL charging- and docking station. It contains product designation and serial number of the MobileXL charging- and docking station.

Kensington port pos. 2

The Kensington port serves for connecting an anti-theft device, protecting the MobileXL charging- and docking station against theft by means of a lock and a wire rope.

Serial ports pos. 3

Via the serial ports you connect external devices to the MobileXL charging- and docking station.

USB ports pos. 4

Via the USB ports you connect external devices and storage media to the MobileXL charging- and docking station.

Network port pos. 5

You can connect a network cable to the network port. The orange LED is on when the MobileXL charging- and docking station is connected to an active network device. 'The green LED flashes when data is transferred.

Cash drawer port pos. 6

To the cash drawer port you can connect up to two cash drawers by means of a Y-cable.

Power supply pos. 7

The power cable plug of the Vectron PS30 is connected to the power supply.

5.2.8. Power pack Vectron PS30

Fig. 9: Power pack Vectron PS30

Pos.	Designation
1	Power cable
2	Power cable plug
3	Female connector
4	Serial number label

Power cable plug pos. 2

The power cable plug is put into the power connection of MobileXL.

Female connector pos. 3

The female connector of the power cord is put into the mains plug.

Serial number label pos. 4

The serial number label serves for unambiguous identification of the power supply Vectron PS30. The label contains the product designation and the serial no. of the Vectron PS30.

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5.2.9. Power cord

Fig. 10: Power cord

Pos.	Designation
1	Female connector
2	Safety plug

Female connector pos. 1

The female connector is put into the mains plug of the power supply.

Safety plug pos. 2

The safety plug is put into a socket. The safety plug may differ from the one shown in the figure.

5.3. Dimensions
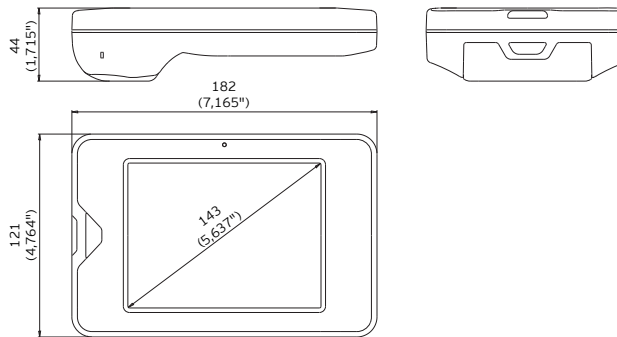
Fig. 11: MobileXL POS system (dimensions in millimetres)
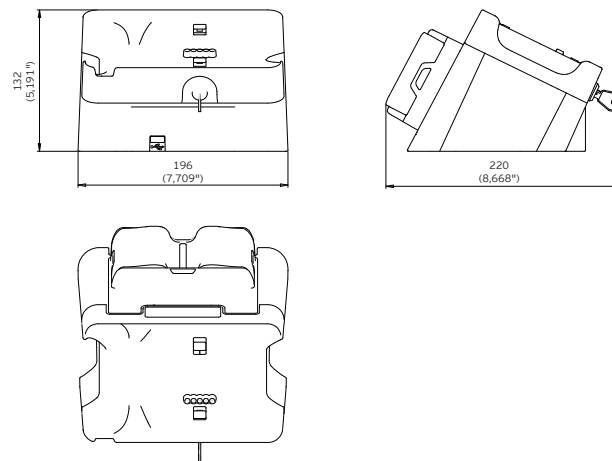
Fig. 12: MobileXL charging- and docking station
(dimensions in millimetres)
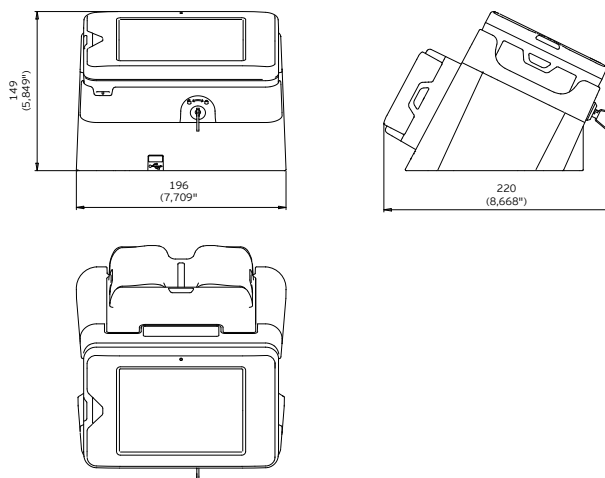
Fig. 13: Total height MobileXL POS system in MobileXL
charging- and docking station
(dimensions in millimetres)

6. Starting

This chapter tells you how to start the MobileXL.

Your Vectron dealer should have programmed and configured the MobileXL POS system for your prior to starting. He should support you with the starting.

Prior to starting your Vectron dealer should train you with the operation of MobileXL. Furthermore he should inform you about the functions of the MobileXL POS system and adjust them to your demands.

Useful and important functions are for instance:

- Setting up and configuring Access Points
- Configuring acoustic and optical signals
- Entering PLUs to PLU tables
- Configuring the graphical user interface
- Configuring user passwords
- Configuring reports
- Configuring data backup
- Encrypting a wireless network
- Saving energy
- Charging and discharging battery B40
- Operating the MobileXL POS system
- Using the MobileXL POS system in wireless networks
- Integrating and using the MobileXL POS system in a network
- Connecting external devices to the MobileXL charging- and docking station

6.1. Setting up the MobileXL charging- and docking station

This chapter tells you how to set up the MobileXL charging- and docking station, how to connect it to the voltage supply and how to connect devices to the charging- and docking station.

6.1.1. Selecting the set-up site for the MobileXL Charging- and docking station and set up

This chapter informs you about the ambient conditions required for setting up the MobileXL charging- and docking station.

NOTICE	
⚠	**Damage of MobileXL charging- and docking station** ▶ Set up the MobileXL charging- and docking station, as described in this chapter

- Set up the MobileXL charging- and docking station in a well ventilated room with a temperature between 0 and 40 °C and air humidity between 45 and 85 percent.

- Do not cover the vents of the charging- and docking station.

- Select the set-up site so that the MobileXL charging- and docking station is not exposed to direct sunlight.

- Place the MobileXL charging- and docking station to a stable and even surface with sufficient space.

- Place the MobileXL charging- and docking station so that no liquids can be poured over the station, power supply and cable.

- Lay out the cables so that they are not under tension.
- Lay out the cables so that you do not trip over them.

6.1.2. Connecting the MobileXL charging- and docking station to the voltage supply

This chapter tells you how to connect the MobileXL charging- and docking station to the voltage supply.

- Put the power cable plug of the power pack into the power supply of the MobileXL Charging- and docking station.

Fig. 14: Putting the power cable plug to the power supply

- Place the MobileXL charging- and docking station to the set-up site.
- Put the female connector of the power cord to the mains plug of the power pack.

Fig. 15: Putting female connector to mains plug

NOTICE
Overvoltage can damage the power supply and the electronics of MobileXL charging- and docking station ▶ Check the voltage of the power network ▶ Connect the MobileXL exclusively to power networks with a voltage between 100 and 240 volt

• Put the safety plug of the power cord into a grounded socket, which is protected by a residual current operated device.

6.1.3. Connecting devices to MobileXL charging- and docking station

This chapter tells you how to connect devices to the MobileXL charging- and docking station.

- Make sure to connect only original Vectron accessories or accessories approved by Vectron to the MobileXL charging- and docking station.

- Make sure to lay out the cables so that they are not under pressure.

- Make sure to lay out the cables so that you do not trip over them.

6.2. Inserting and charging B40 batteries

This chapter tells you how to insert B40 batteries to the MobileXL charging- and docking station and to the MobileXL POS system and how to charge them.

Before using the MobileXL POS system for the first time you have to charge the supplied B40 completely.

You can charge up to three B40 batteries in the MobileXL charging- and docking station simultaneously: two batteries in the compartments of the charging- and docking station and one more, when it is inserted in the MobileXL POS system and the POS system is inserted in the charging- and docking station.

6.2.1. Inserting B40 batteries to the MobileXL charging- and docking station and charging

This chapter tells you how to insert and charge the B40 batteries in the MobileXL charging- and docking station.

The MobileXL charging- and docking station has to be set up as described in chapter 6.1 "Setting up the MobileXL charging- and docking station" on page 57 to charge B40 batteries.

You can charge up to two B40 batteries simultaneously in the compartments of the charging- and docking station.

NOTICE
Unapproved batteries can damage the MobileXL charging- and docking station ▶ Check the battery label prior to inserting ▶ Insert exclusively B40 batteries to the MobileXL charging- and docking station

	The MobileXL charging- and docking station can interrupt the charging of the B40 batteries. Charge the batteries in the ambient conditions described in chapter 4.5 "Technical data" on page 30.

- Take the battery B40.

- Hold the battery B40 so that the label of MobileXL charging- and docking station and battery locking tongue point towards the battery locking groove.

- Push the battery B40 with the battery locking tongue into the battery locking groove.

Fig. 16: Inserting the B40 to the battery compartment

- Press the battery B40 near the battery unlocking towards the MobileXL charging- and docking station until it locks in place.

Fig. 17: Locking in the battery B40

- Check whether the battery is being charged.

> **i** The charge indicators of the MobileXL charging- and docking station blink orange when the batteries B40 are being charged.

> **i** The charge indicators of the MobileXL charging- and docking station are permanently orange when the batteries B40 are completely charged.

> **i** The complete charging of an empty B40 battery in the MobileXL charging- and docking station takes about four hours. Do not remove the batteries until they are completely charged.

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6.2.2. Inserting a B40 battery to the MobileXL POS system

This chapter tells you how to insert the B40 battery MobileXL POS system.

⚠	**NOTICE**
	▶ Check the battery label prior to inserting ▶ Insert exclusively B40 batteries to the MobileXL POS system

• Take the battery B40.

• Hold the battery B40 so that the label points towards the MobileXL POS system and the battery locking tongue points towards the battery locking groove.

• Push the battery B40 with the battery locking tongue into the battery locking groove.
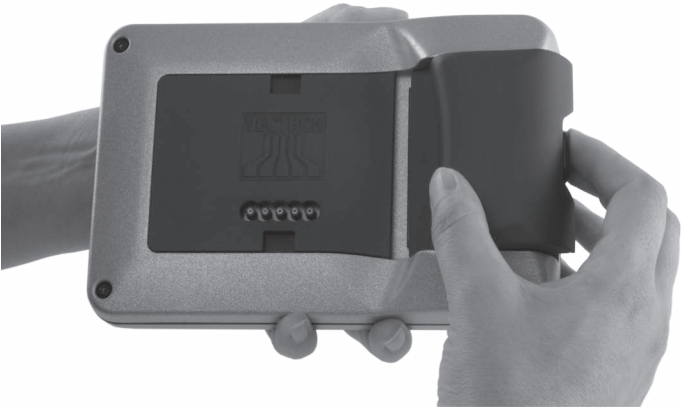
Fig. 18: Inserting the B40 to the battery compartment

- Press the battery B40 near the battery unlocking towards the MobileXL POS system until it locks in place.

Fig. 19: Locking in battery B40

6.2.3. Inserting MobileXL POS system to MobileXL charging- and docking station and charging B40 battery

This chapter tells you how to insert the MobileXL POS system to the charging- and docking station in order to charge the B40 batteries.

The MobileXL Charging- and docking station has to be set up as described in chapter 6.1 "Setting up the MobileXL charging- and docking station" on page 57. The B40 battery has to be inserted to the MobileXL POS system as described in chapter 6.2.2 "Inserting a B40 battery to the MobileXL POS system" on page 64 in order to be charged.

- Insert the MobileXL POS system to the MobileXL charging- and docking station.

Fig. 20: Inserting the MobileXL POS system to the charging- and docking station

- Check whether the battery is being charged.

> **i** Indicator lamp 2 of the MobileXL POS system flashes green when the B40 battery is being charged in the MobileXL POS system.

> **i** Indicator lamp 2 of the MobileXL POS system is permanently green when the B40 battery in the MobileXL POS system is completely charged.

> **i** Complete charging of an empty B40 battery in the MobileXL POS system takes about four hours. Do not remove the MobileXL POS system until the B40 is completely charged.

EN

- If necessary connect the MobileXL POS system to the MobileXL Charging- and docking station by locking it.

- Put the key into the lock

- Turn the key clockwise until you feel resistance.

Fig. 21: Locking the MobileXL POS system

6.3. Installing a network

Via a network the MobileXL POS system can send data to or receive data from other POS systems.

The MobileXL POS system has a WiFi module and the Mobi-leXL charging- and docking station has a network port for integrating the POS system to a network.

The MobileXL POS system can be configured and pro-grammed to allow wired data transfer via the network port. For this purpose the MobileXL POS system has to be in-serted in the MobileXL charging- and docking station. Fur-thermore, The MobileXL POS system can be configured and programmed so that the Wireless LAN is enabled and data is transferred wirelessly when the MobileXL POS system is removed from the MobileXL charging- and docking station.

If no wired network is available you can configure and program the MobileXL POS system in a way that the Wireless LAN remains enabled when the MobileXL POS system is inserted to the MobileXL charging- and docking station.

WiFi module of the MobileXL POS system and wired network port of the MobileXL charging- and docking station are each assigned an unambiguous MAC-address (Media-Access-Control-Address) . MAC-addresses identify network devices unambiguously in a network.

You can insert different MobileXL POS systems to a MobileXL charging- and docking station. Furthermore, you can insert a MobileXL POS system to different MobileXL charging- and docking stations. The devices that send data in the network can be identified unambiguously via the MAC-address and the IP-address of the POS system.

Please contact your Vectron dealer if you want him to integrate MobileXL POS system and MobileXL charging- and docking station in a network.

6.3.1. Installing a wired network

Your Vectron dealer can install the wired network for you. Read the following hints and contact your Vectron dealer in case of questions and requirements concerning installation, programming and configuration.

A network cable is connected to the network port of the MobileXL charging- and docking station. A router or network socket has to be available near the MobileXL charging- and docking station in order to connect it to a network.

6.3.2. Installing a wireless network

Your Vectron dealer can install the wireless network for you. Read the following hints and contact your Vectron dealer in case of questions and requirements concerning installation, programming and configuration.

The MobileXL POS system can connect to wireless networks in infrastructure mode and in ad hoc mode. In infrastructure mode an access point has to be available and configured in order to use a wireless network. The access point rules the communication between devices in wireless networks. In ad hoc mode the MobileXL POS system establishes a direct connection to a device like eg a printer. To this printer you have to connect a WiFi module, which you can purchase as accessory.

NOTICE	
	External access to your data ▶ Do not use uncoded network connections ▶ Data transferred in the network has to be encoded ▶ Have the encryption installed by your Vectron dealer in any case to protect your data from external access

- The access point antenna, to which the MobileXL POS system sends data, should be mounted at least two metres above ground to guarantee that the radio signal between MobileXL POS system and access point is of good quality.

- The access point antenna must be adjusted in such a way that the access point can receive radio signals of the MobileXL POS system from the complete radius of the operator.

- The performance of the wireless network, e.g. the range of the radio signal, depends on the applied access point and on obstacles. Obstacles like for instance trees, walls and people, which stand between the antenna of the MobileXL POS system and the access point antenna, reduce the range.

- The network name, the so-called SSID of the access point, must not be covered, since otherwise the MobileXL POS system cannot establish communication to the access point.

- All POS systems in a network must have installed the same Vectron POS software version.

6.4. Installing Bluetooth

Bluetooth serves e.g. for wireless connection of MobileXL POS system and printers.

Your Vectron dealer can install Bluetooth for you. Read the following hints and contact your Vectron dealer in case of questions and requirements concerning installation, programming and configuration.

The performance of Bluetooth, e.g. the range of the radio signal, depends on the applied Bluetooth receiver and on obstacles. Obstacles like for instance trees, walls and people, which stand between the MobileXL antennas and the antenna of the Bluetooth receiver, reduce the range.

7. Operation

This chapter tells you how to use the MobileXL in normal mode.

>
> This chapter describes an example configuration of Vectron POS software. This may differ from the programming and configuration of your POS system, which your Vectron dealer should have prepared for you.

7.1. Holding the MobileXL POS system

This chapter tells you how to hold the MobileXL POS system.

- Hold the MobileXL POS system as shown in the figure below.

Fig. 22: Holding the MobileXL POS system

7.2. Transporting the MobileXL POS system

This chapter tells you how to transport the MobileXL POS system.

NOTICE	
⚠	**Damage of MobileXL POS system through dropping** ▶ Transport the MobileXL POS system as described in this chapter

• Hold the MobileXL POS system with both hands, the display towards your body for transport.

Fig. 23: Transporting the MobileXL POS system

7.3. Switching on the MobileXL POS system and switching it to quiescent condition

This chapter tells you how to switch on the MobileXL POS system and how to switch it to quiescent condition.

7.3.1. Switching on the MobileXL POS system

After the MobileXL was started as described in chapter 6 "Starting" on page 56, you can switch it on.

• Shortly press the ON/OFF key to switch on the MobileXL POS system.

Fig. 24: Switching on the MobileXL POS system

i	The indicator lamps of the MobileXL POS system flash red, blue and then green when the MobileXL POS system was switched on.

7.3.2. Switching the MobileXL POS system to quiescent condition

This chapter tells you how to switch the MobileXL to quiescent condition.

Energy consumption of the MobileXL POS system is reduced in quiescent condition because for instance the display is switched off.

- Press the ON/OFF key until the display is switched off to bring the MobileXL POS system to quiescent condition.

Fig. 25: Switching the MobileXL POS system to quiescent condition

	Indicator lamp 2 flashes green when the MobileXL POS system is switched to quiescent condition.
i	

7.3.3. Activating the MobileXL POS system from quiescent condition

This chapter tells you how to activate the MobileXL POS system from quiescent condition.

- Shortly press the ON/OFF key.

Fig. 26: Activating the MobileXL POS system from quiescent condition

7.3.4. Switching off the MobileXL POS system

This chapter tells you how to switch off the MobileXL POS system.

• Press the ON/OFF key until the indicator lamps flash blue and green to switch off the MobileXL POS system.

Fig. 27: Switching off the MobileXL POS system

7.4. Charging the B40 battery

The MobileXL POS system displays the message "Charge battery!" when the total charge of B40 batteries inserted in the MobileXL POS system is seven percent. You should charge the battery when this message appears on the display. The MobileXL POS system will be switched off if you ignore the message.

• Charge the B40 battery as described in chapter 6.2.1 "Inserting B40 batteries to the MobileXL charging- and docking station and charging" on page 61 or in chapter 6.2.3 "Inserting MobileXL POS system to MobileXL charging- and docking station and charging B40 battery" on page 66 .

i	The charging capacity of the B40 battery is reduced with each charging cycle because the battery cells wear out. This reduces the time during which you can use the MobileXL POS system. The battery has to be charged in shorter intervals.

i	After approx. 32 charging cycles a B40 battery is re-calibrated. This means that the battery is first discharged completely and then charged again. This re-calibration prolongs the battery life. A battery re-calibration takes 10 to 17 hours. During this process the battery should not be removed from the MobileXL charging- and docking station.

i	Always charge and discharge the B40 battery completely to preserve the charging capacity for as long as possible.

| **i** | Exchange the B40 battery by a new one if the intervals required between charging become too short. |

7.5.   Exchanging the B40 battery

This chapter tells you how to exchange the B40 battery.

- Press the ON/OFF key until the indicator lamps flash blue and green to switch off the MobileXL POS system.

Fig. 28: Switching off the MobileXL POS system

- Press the battery unlocking until the B40 battery is released.

Fig. 29: Unlocking the B40 battery

- Remove the discharged B40 from the battery compartment.

NOTICE	
![Warning triangle]	**Unapproved batteries can damage the MobileXL POS system** ▶ Check the battery label prior to inserting ▶ Insert exclusively B40 batteries to the MobileXL POS system

- Take a charged B40 battery.

- Hold the B40 so that the battery locking tongue point towards the battery locking groove.

- Push the battery B40 with the battery locking tongue into the battery locking groove.
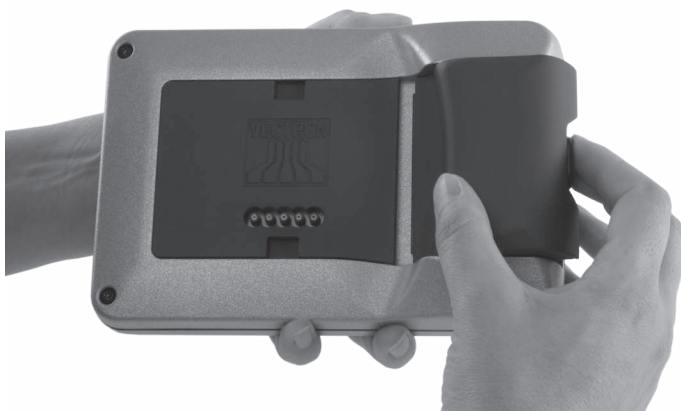
Fig. 30: Inserting the B40 to the battery compartment

- Press the battery B40 near the battery unlocking towards the MobileXL system until it locks in place.

Fig. 31: Locking in the B40 battery

7.6. Entering data to the MobileXL POS system

This chapter tells you how to enter data to the MobileXL POS system via the touch screen. You are also informed about the display elements.

Your display layout may differ from the one shown in this manual, depending on programming and configuration of your MobileXL POS system.

Prerequisite for entering data to the MobileXL POS system is that the MobileXL was started as described in chapter 6 "Starting" on page 56 . Furthermore, you have to switch on the MobileXL POS system as described in chapter 7.3.1 "Switching on the MobileXL POS system" on page 74 .

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- Touch the display buttons with a touch pen or your fingers.
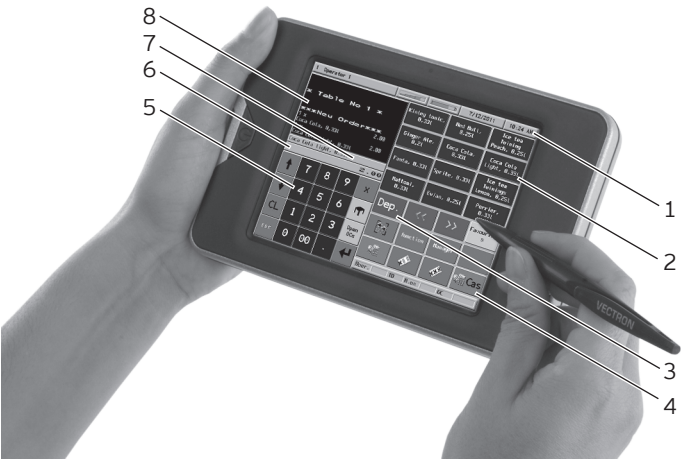
Fig. 32: Data input

Pos.	Designation
1	Status display
2	PLU selection
3	Department selection
4	Button
5	Numeric pad
6	Input field
7	Info field
8	Receipt-, invoice- and guest check display

Status display pos. 1

Displays for example the currently logged in operator, signal strength of the Wireless LAN, current charging of inserted B40 battery, date and time.

The status display for the current charging of B40 battery can show the following:

Colour	Current charging of inserted battery
green	charged more than 30 percent
yellow	charged less than 30 percent
red	charged less than 15 percent

An arrow in the status display for B40 batteries shows that the battery is being charged.

PLU selection pos. 2

Here you select the PLUs that are stored in PLU programming of the MobileXL POS system and are shown on the graphical user interface.

Department selection pos. 3

Here you select the departments like eg food and drinks.

Button pos. 4

On the graphical user interface there may be additional buttons, like for example <Cash> to generate the invoice.

Numeric pad pos. 5

Via the numeric pad you enter for instance the amount that you got from a customer.

Input field pos. 6

Displays for example the entries you make on the numeric pad.

Info field Pos. 7

Displays for example media-related information, e.g. whether the customer paid cash or by credit card, or the guest check number.

Receipt- and invoice- and GC display pos. 8

Displays for example the entered PLUs, the invoice for a customer and the booking for an open GC.

7.7. Sign in to the MobileXL POS system

This chapter tells you how to sign in to the MobileXL POS system.

i	Buttons that are mentioned in this chapter and that can be displayed as graphical elements, are shown in chapter 13 "Icons" on page 120 .

Depending on the programming of your MobileXL you have to sign in to the POS system. Only then you can enter PLUs for example.

The Vectron POS software stores the entries and assigns them to the respective operator. You can assign access rights for every operator, which determine the functions for which he is authorized.

The MobileXL POS system may be programmed in that way that you can use both methods for sign in.

Optionally you can use an RFID card for sign in and out to the MobileXL POS system. You Vectron dealer can install the required transponder in your POS system. Please contact your Vectron dealer if you want him to install the transponder and to configure and program the POS system for operator sign in by RFID card.

7.7.1. Sign in via operator button

Carry out the following steps if your MobileXL was programmed for sign in via operator button.

• Enter the operator number to the numeric pad.

• Press the ‹Operator› button.

i	The profile of the selected operator can be protected with a secret code. For sign in you have to enter the secret code.

• Enter the secret code if it is requested.

• For confirmation press the button ‹Tick› or ‹Enter› to sign in this operator.

7.7.2. Sign in via operator key

This chapter informs you about an operator lock system, how it works and what you have to consider when using the operator lock system.

Your MobileXL is delivered with an operator lock system. It consists of two elements: the operator lock, referred to as lock in the following, and the operator key, referred to as key in the following.

The lock is mounted to your MobileXL. Your Vectron dealer should have handed over the ordered keys on delivery

For the MobileXL charging- and docking station you can order three operator lock systems, one of which is mounted to your MobileXL charging- and docking station. Standard is the Dallas iButton.

Lock	Key	Designation
		Dallas iButton Standard
		Dallas iButton with magnet
		Addimat

Each operator has assigned rights in the POS system. This means that you are for example allowed to void PLUs and to open the guest checks of other operators. The rights are stored in tables. These tables will be called rights tables in the following. Your rights, too, are stored in rights tables.

Your key has an unambiguous number. This number is stored in the rights table. This assignment helps Vectron POS software recognize who signs in to the POS system.

If you approach the key to the lock, the number is transferred from the key to the POS system. The rights that are stored for you in the rights table are enabled. You can work with the POS system.

Carry out the following step if your MobileXL was programmed for sign in via operator key.

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	The MobileXL POS system must be inserted in the MobileXL charging- and docking station in order to sign in by operator key.

- Approach the key to the operator lock.

Fig. 33: Approaching the key to the operator lock

	The profile of the selected operator can be protected with a secret code. For sign in you have to enter the secret code.

- Enter the secret code if it is requested.

- For confirmation press the button ‹Tick› or ‹Enter› to sign in this operator.

7.8. Sign out from the MobileXL POS system

This chapter tells you how to sign out from the MobileXL POS system.

i	Buttons that are mentioned in this chapter and that can be displayed as graphical elements, are shown in chapter 13 "Icons" on page 120 .

i	You should sign out from the MobileXL if you do not use the POS system in order to avoid entries being made by others.

7.8.1. Sign out via operator button

Carry out the following steps if your MobileXL was programmed for sign out via operator button.

• Press the ‹Operator› button to sign out the currently signed in operator.

7.8.2. Sign out via operator key

Carry out the following step if your MobileXL was programmed for sign out via key.

Fig. 34: Removing the key from the lock

- Approach the key to the operator lock if the Dallas iButton Standard lock is mounted to the MobileXL charging- and docking station.

- Remove the key from the lock if the Dallas iButton Magnet or Addimat lock is mounted to the MobileXL charging- and docking station.

7.9. Working with guest checks

This chapter informs you about the guest check (GC) function. Whether or not you can use this function depends on programming and configuration of your MobileXL POS system.

The GC function serves for separate storage of bookings for several customers. It is useful for instance in hospitality, to store food and drinks separately for each table in a restaurant.

Your Vectron dealer can program and configure the number of GCs and operators according to your requests.

i	Buttons that are mentioned in this chapter and that can be displayed as graphical elements, are shown in chapter 13 "Icons" on page 120 .

7.9.1. Opening a guest check

In order to store GC bookings you first have to open a GC. GCs, for which an invoice was not yet generated, can be opened again with this function.

· Enter the GC number to the numeric pad.

· Press the ‹GC› button to open the guest check.

7.9.2. Closing a GC

When you close a GC, bookings for this GC are stored. There are several ways to close a GC.

• Press the ‹GC› button or open a new GC as described in chapter 7.9.1 "Opening a guest check" on page 93 to close the currently open GC.

7.9.3. Finalizing a GC

With this function you generate an invoice, delete the GC bookings and close the GC.

• Open the GC to be finalized as described in chapter 7.9.1 "Opening a guest check" on page 93 .

• Enter the amount you got from the customer to the numeric pad.

• Press the ‹Cash› button or select another media to generate an invoice.

i	The POS system deletes the booking, closes the GC and displays the amount that you have to return to the customer.

i	After opening the GC you can directly press ‹Cash› or select another media. This is useful when you get the exact amount from the customer.

7.9.4. Splitting PLUs of a guest check to invoice

The GC split function serves for generating separate in-voices for one GC. This is useful if guests of one table want to pay separately.

i	The GC split function can only be carried out if all PLUs of a GC have been booked. Close the open GC as described in chapter 7.9.2 "Closing a GC" on page 94 .

- Open the GC to be split as described in chapter 7.9.1 "Opening a guest check" on page 93 .

- Press the ‹GC split› button.

- Select the PLUs to be split.

- Press the ‹Cash› button or select another media to gen-erate an invoice.

7.9.5. Splitting single PLUs of a guest check to another guest check

The GC split function serves for transferring single PLUs to another guest check. This is useful if some guests want to change the table.

	The GC split function can only be carried out if all PLUs of a GC have been booked. Close the open GC as described in chapter 7.9.2 "Closing a GC" on page 94 .

- Open the GC to be split as described in chapter 7.9.1 "Opening a guest check" on page 93 .

- Enter the GC no. to which the PLUs are to be transferred.

- Press the ‹GC split› button.

- Select the PLUs to be split.

- Press the ‹GC› button to finish the split.

7.9.6. Moving all PLUs of one guest check to another guest check

The move GC function serves for moving all PLUs of one GC to another.

- Open the GC to be moved as described in chapter 7.9.1 "Opening a guest check" on page 93 .

- Enter the GC no. to which all PLUs are to be moved.

- Press the ‹GC move› button to move the guest check.

7.9.7. Transferring a guest check

The transfer GC function serves for transferring a guest check to another operator. This function is useful for a shift change for example. To transfer a GC it has to be open.

- Open the GC to be transferred as described in chapter 7.9.1 "Opening a guest check" on page 93 .

- Enter the operator no. to which the GC is to be transferred.

- Press the ‹GC transfer› button to transfer the guest check.

EN

7.10. Working with hold buffers

This chapter informs you about the hold buffer function. Whether or not you can use this function depends on programming and configuration of your MobileXL.

The hold buffer function serves for separate storage of bookings made by several operators. This function is useful for example in a bakery, if only one POS system is available for several users. Another scenario would be the supermarket, where a customer forgot his purse in the car. The already booked PLUs are stored in a hold buffer so that other customers can be served until the first returns with his money.

Hold buffers allow several operators simultaneously to work at one POS system. The first operator opens a hold buffer by pressing the respective button. He then signs in and enters the PLUs. The operator has not yet finalized the booking. If now a second operator wants to use the POS system, he presses another hold buffer button, signs in and enters the PLUs. Both operators can change between these hold buffers. The operators' entries remain in the respective hold buffer until media finalization.

Your Vectron dealer can program and configure the number of hold buffers and operators according to your requests.

7.11. Working with reports

This chapter informs you about the report function. Whether or not you can use this function depends on programming and configuration of your MobileXL POS system.

In reports you can evaluate data that was stored in the POS system. The Vectron POS software provides several standard reports. You can display and print PLU- and operator reports for example. A PLU report can contain e.g. PLU numbers, PLU names, the number of sold PLUs, the sales per PLU and the total sales. An operator report can contain e.g. the proceeds of the operators and the sales per customer.

You can create two types or reports with Vectron POS software: X-reports and Z-reports. X-reports are intermediate reports, where the data is not deleted from the booking memory. Z-reports are final reports, where the data is deleted from the booking memory.

Your Vectron dealer can program and configure reports according to your requests.

7.12. Void and Correction

This chapter informs you about the void function. Whether or not you can use this function depends on programming and configuration of your MobileXL.

You can cancel bookings if for instance an operator made false entries. Furthermore, you can program and configure the MobileXL so that PLUs are cancelled and the respective invoice is corrected, if a customer returns items.

7.13. Using a wireless network for data transfer

This chapter tells you how to use the wireless network for data transfer.

Prerequisite for using a wireless network is that it was installed as described in chapter 6.3.2 "Installing a wireless network" on page 70 .

Functions like eg calling a GC possibly only work if radio communication between MobileXL POS system and an access point is established. This depends on the programming of your MobileXL POS system, for instance if GCs are stored on a GC server.

If radio communication between MobileXL POS system and the access point is interrupted, it is automatically re-established when the radio signal is available again. Data stored on the MobileXL POS system is transferred then.

7.14. Restarting the MobileXL POS system

Start the MobileXL POS system anew by switching it off and on again.

- Press the On/Off key until the indicator lamps flash blue and green to switch off the MobileXL POS system.

Fig. 35: Switching off the MobileXL POS system

- Shortly press the On/Off key to switch on the MobileXL again.

8. Shut down

This chapter tells you how to shut down the MobileXL.

Shut down the MobileXL if you do not use it and the MobileXL charging- and docking station for a longer period.

8.1. Shutting down the MobileXL POS system

This chapter tells you how to shut down the MobileXL POS system.

• Press the On/Off key until the indicator lamps flash blue and green to switch off the MobileXL POS system.

Fig. 36: Switching off the MobileXL POS system

- Press the battery B40 unlocking until the battery is released from the locking.

Fig. 37: Unlocking battery B40

- Remove the B40 battery from the compartment.

- Store the MobileXL POS system and B40 battery in the original packaging.

- Store the MobileXL POS system in a room with temperature between -20 and 70 °C and air humidity between 10 and 80 percent.

- Store the B40 battery in a room with temperature between -20 and 60 °C and air humidity between 45 and 85 percent. The optimum storage temperature for B40 batteries is 20 to 25 °C.

i	B40 batteries that you do not use for a longer period should be charged between 30 and 50 percent, since the life of battery cells is reduced faster when they are charged completely. You can determine the battery charge by means of the charge indication on the display. You can also ask your Vectron dealer to charge or discharge the batteries to this capacity.

i	The charge of battery cells reduces during storage. Battery cells can discharge exhaustively and are damaged when batteries are stored for more than six months. Charge the batteries after six months again to 30 to 50 percent or ask your Vectron dealer to charge the B40 batteries to this capacity.

8.2. Shut down of MobileXL charging- and docking station

This chapter tells you how to shut down the MobileXL charging- and docking station.

- Remove the safety plug of the power cord from the outlet.

- Pull the locking ring of the power pack plug to unplug it from the power supply of MobileXL charging- and docking station.

Fig. 38: Unplugging the power pack

- Unplug the female connector of the power cord from the mains plug of the power pack.

Fig. 39: Unplugging the female connector

- Pack the MobileXL charging- and docking station, power pack Vectron PS30 and power cord in the original packaging.

- Store the MobileXL charging- and docking station in a room with temperature between -20 and 70 °C and air humidity between 10 and 80 percent.

- Store the power pack Vectron PS30 in a room with temperature between -40 and 85 °C and air humidity between 50 and 95 percent.

9. Errors, possible reasons and troubleshooting

This chapter informs you about possible reasons for errors that occur when operating the MobileXL POS system and the MobileXL charging- and docking station and about the troubleshooting.

9.1. MobileXL POS system

Errors	Possible reasons	Troubleshooting
The MobileXL POS system cannot be switched on.	No battery B40 inserted in the compartment of MobileXL POS system.	Insert a battery B40 to the compartment of the MobileXL POS system as described in chapter 6.2.2 "Inserting a B40 battery to the MobileXL POS system" on page 64 .
	Battery B40 is not charged.	Charge the B40 as described in chapter 6.2.1 "Inserting B40 batteries to the MobileXL charging- and docking station and charging" on page 61 or in chapter 6.2.3 "Inserting MobileXL POS system to MobileXL charging- and docking station and charging B40 battery" on page 66 .

Errors	Possible reasons	Troubleshooting
The MobileXL POS system cannot be switched on.	Vectron POS software has a malfunction.	Start the MobileXL POS system anew as described in chapter 7.14 "Restarting the MobileXL POS system" on page 101 .
	The ON/OFF key is damaged.	Contact your Vectron dealer.
	The MobileXL POS system is damaged.	Contact your Vectron dealer.
	The battery B40 is damaged.	Contact your Vectron dealer.
The MobileXL POS system does not react to your entries.	The MobileXL POS system is switched off or in quiescent state.	Press the ON/OFF key as described in chapter 7.3.1 "Switching on the MobileXL POS system" on page 74 .
	The signed-in operator is not authorized for the respective function.	Contact your Vectron dealer.
	The touch screen is not calibrated.	Contact your Vectron dealer.
	Vectron POS software has a malfunction.	Start the MobileXL POS system anew as described in chapter 7.14 "Restarting the MobileXL POS system" on page 101 .
	Faulty programming of MobileXL POS system.	Contact your Vectron dealer.
	The touch screen is damaged.	Contact your Vectron dealer.

Errors	Possible reasons	Troubleshooting
	The MobileXL POS system is damaged.	Contact your Vectron dealer.
	The battery B40 is damaged.	Contact your Vectron dealer.
The MobileXL POS system does not display anything.	The MobileXL POS system is switched off or in quiescent state.	Press the ON/OFF key as described in chapter 7.3.1 "Switching on the MobileXL POS system" on page 74 .
	No battery B40 inserted in the compartment of MobileXL POS system.	Insert a battery B40 to the compartment of the MobileXL POS system as described in chapter 6.2.2 "Inserting a B40 battery to the MobileXL POS system" on page 64.
	Battery B40 is not charged.	Charge the B40 as described in chapter 6.2.1 "Inserting B40 batteries to the MobileXL charging- and docking station and charging" on page 61 or in chapter 6.2.3 "Inserting MobileXL POS system to MobileXL charging- and docking station and charging B40 battery" on page 66 .

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Errors	Possible reasons	Troubleshooting
The MobileXL POS system does not display anything.	Vectron POS software has a malfunction.	Start the MobileXL POS system anew as described in chapter 7.14 "Restarting the MobileXL POS system" on page 101.
	The MobileXL POS system is damaged.	Contact your Vectron dealer.
	The battery B40 is damaged	Contact your Vectron dealer.
The MobileXL POS system processes other entries than those made on the touch screen.	The touch screen is not calibrated.	Contact your Vectron dealer.
	The touch screen is damaged.	Contact your Vectron dealer.
The battery B40 is discharged after a short time.	The battery B40 is not completely charged.	Discharge the battery B40 completely. Afterwards charge the battery B40 completely as described in chapter 6.2.1 "Inserting B40 batteries to the MobileXL charging- and docking station and charging" on page 61 or in chapter 6.2.3 "Inserting MobileXL POS system to MobileXL charging- and docking station and charging B40 battery" on page 66 .

Errors	Possible reasons	Troubleshooting
	The battery B40 has reached the maximum number of charging cycles as described in chapter 4.5 "Technical data" on page 30 .	Exchange the battery B40 against an original battery.
The MobileXL POS system does not send data to the access point.	The hand of the operator covers the antenna of the MobileXL POS system.	Hold the MobileXL POS system as described in chapter 7.1 "Holding the MobileXL POS system" on page 72 .
	The access point is switched off.	Switch on the access point.
	The MobileXL POS system is out of the radio signal range.	Bring the MobileXL system to radio signal range
	Faulty configuration of the access point.	Contact your Vectron dealer.
	The radio signal does not reach the room in which you use the MobileXL POS system.	Adjust the access point antenna so that the radio signal reaches the room in which you work or contact your Vectron dealer.
	The radio signal is disturbed by devices within its range.	Contact your Vectron dealer.
	The access point is damaged.	Contact your Vectron dealer.
	The MobileXL POS system is damaged.	Contact your Vectron dealer.

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9.2. MobileXL Charging- and docking station

Errors	Possible reasons	Troubleshooting
The B40 batteries are not charged when inserted in the MobileXL Charging- and docking station.	The safety plug of the power pack is not plugged to a voltage-carrying outlet.	Put the power pack plug into a voltage-carrying outlet.
	The plug of the power pack is not plugged to the female jack of the MobileXL charging- and docking station.	Put the power pack plug into the female jack of the MobileXL charging- and docking station.
	The charging contacts of the B40 batteries have no contact to the charging contacts in the MobileXL charging- and docking station.	Insert the B40 battery so that the charging contacts touch each other.
		Clean the charging contacts as described in chapter 10.1.2 "Cleaning the contacts" on page 116.
	The temperature of the B40 battery is above or below the permissible temperature range.	Make sure that the ambient temperature is as described in chapter 4.5 "Technical data" on page 30 . Wait until the temperature of the B40 battery is in the permissible range.

Errors	Possible reasons	Troubleshooting
	Another power pack than the Vectron PS30 is connected to the MobileXL charging- and docking station.	Connect the power pack Vectron PS30 to the MobileXL charging- and docking station.
	The battery B40 is damaged.	Contact your Vectron dealer.
	The power pack Vectron PS30 is damaged.	Contact your Vectron dealer.
	The MobileXL charging- and docking station is damaged.	Contact your Vectron dealer.
The B40 battery is not charged when being inserted in the MobileXL POS system and the MobileXL POS system is inserted in the MobileXL charging- and docking station.	The safety plug of the power pack is not plugged to a voltage-carrying outlet.	Put the power pack plug into a voltage-carrying outlet.
	The plug of the power pack is not plugged to the female jack of the MobileXL charging- and docking station.	Put the power pack plug into the female jack of the MobileXL charging- and docking station.
	The charging contacts of the B40 batteries have no contact to the charging contacts in the MobileXL charging- and docking station.	Insert the B40 battery so that the charging contacts touch each other.

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Errors	Possible reasons	Troubleshooting
The B40 battery is not charged when being inserted in the MobileXL POS system and the MobileXL POS system is inserted in the MobileXL charging- and docking station.	The charging contacts of the B40 batteries have no contact to the charging contacts in the MobileXL charging- and docking station.	Clean the charging contacts as described in chapter 10.1.2 "Cleaning the contacts" on page 116.
	The temperature of the B40 battery is above or below the permissible temperature range.	Make sure that the ambient temperature is as described in chapter 4.5 "Technical data" on page 30 . Wait until the temperature of the B40 battery is in the permissible range.
	Another power pack than the Vectron PS30 is connected to the MobileXL charging- and docking station.	Connect the power pack Vectron PS30 to the MobileXL charging- and docking station.
	The battery B40 is damaged.	Contact your Vectron dealer.
	The MobileXL POS system is damaged.	Contact your Vectron dealer.
	The power pack Vectron PS30 is damaged.	Contact your Vectron dealer.
	The MobileXL charging- and docking station is damaged.	Contact your Vectron dealer.

10. Service and maintenance

This chapter tells you how to clean the MobileXL and how to get technical support.

⚠ DANGER
Danger through electric shock • High voltage at power cord and power supply ▶ Do not clean MobileXL POS system, MobileXL charging- and docking station, power cord and power supply with plugged-in mains plug ▶ Do not open MobileXL POS system, MobileXL charging- and docking station and power supply **You will die or suffer from burns** ▶ Switch off MobileXL ▶ Disconnect the mains plug

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10.1. Cleaning

This chapter tells you how to clean MobileXL POS system and MobileXL charging- and docking station.

NOTICE
Caustic cleansers can damage the surfaces ▶ Do not use caustic cleansers ▶ Only use mild cleansers or water for cleaning

10.1.1. Cleaning housing and display

Clean the housing of MobileXL POS system, its display and the MobileXL charging- and docking station with a fluff-free cloth. You can dampen the cloth with a mild, residue-free cleanser or water.

10.1.2. Cleaning the contacts

Clean the contacts of MobileXL POS system, MobileXL charging- and docking station and B40 batteries with a cotton bud and without applying pressure.

10.2. Maintenance

Any maintenance work at the MobileXL POS system and MobileXL charging- and docking station must exclusively be carried out by your Vectron dealer.

10.3. Contacting the customer service

In case of questions or should you require assistance for operating MobileXL POS system and MobileXL charging- and docking station please contact your Vectron dealer.

11. Disposal

Vectron Systems AG takes back waste electric and electronic equipment that has been used for commercial purposes and that was produced by or on behalf of the company, consistent with Art. 9 of European Union Directive 2002/96/EC, last changed by European Union Directive 2003/108/EC. The company will dispose of the waste electric and electronic equipment properly.

The legal obligation applies for devices, that will be put on the market after August 13, 2005. In addition, the manufacturer extends this obligation to all devices that have been put on the market as of January 1, 2004.

The MobileXL POS system, MobileXL charging- and docking station, power supply Vectron PS30 and B40 batteries must not be disposed of together with household waste.

Please send back waste electric and electronic equipment that was produced by or on behalf of Vectron Systems AG prepaid and marked "Waste electric and electronic equipment" to Vectron Systems AG in the original packaging.

WEEE-Reg.-no. DE 91733199

12. Glossary

This chapter explains the terms that are used in context with the MobileXL.

Term	Definition
Access Point	Tool that rules the communication between devices in wireless networks.
Bar code	Information, which consists of bars with varying widths and spaces of parallel lines. The bar code represents data, which eg the POS system can decode.
Bluetooth	Open wireless technology standard for exchanging data over short distances. Via a Bluetooth-network you can address devices like for example printers.
Button	A button is programmed in the POS system and releases commands. The programmed commands can be called via touch screen or keyboard of the POS system.
Flash memory	Memory that keeps data even after the voltage supply was switched off.
GC server	POS system, which is responsible for central guest check administration in the network.
Icon	Pictograph used in graphical user interfaces. When touching or clicking on icons you can call functions of the Vectron POS software.
LCD	Liquid Crystal Display
Media-Access-Control-Address (MAC-address)	Address that serves for unambiguous identification of network devices in a network.
Media	Method for finalizing an invoice. Media are for example cash and credit card payment.
POS	Point Of Sale
Router	Tool that rules the communication between devices in wired networks.

Term	Definition
Service Set Identifier (SSID)	Name of a wireless network.
Thin Film Transistor (TFT)	Electronic component for control of screens.
Wireless Local Area Network (WLAN)	Wireless radio network for devices. Devices can transmit data via Wi-Fi. To use WirelessLAN an access point has to be installed and configured.
Wireless net-work	Network in which data is exchanged between devices via radio.
X-report	Intermediate report, where data is not deleted from the memory.
Z-report	Final report, where data is deleted from the memory.

13. Icons

Icons are pictographs on the display of the MobileXL. Icons shown on the display are designated buttons. A touch of the display button calls functions, like e.g. generating an invoice.

This chapter lists some of the icons integrated in Vectron POS software and explains their meaning. You can load self-created icons to Vectron POS software, e.g. for product groups or products.

Please contact your Vectron dealer for questions and requests concerning programming and configuration.

Overview of icons that are integrated in Vectron POS software:

The numbering of lines and columns is meant to help you with the designation of icons in this table. The icon no. of each icon that is used in Vectron POS software can be found in the detailed table starting page 122 .

	1	2	3	4	5	6	7	8	9
1	VECTRON								
2									
3									
4						ESC	PRX / Z		
5						MNG			PLU
6									
7									
8									
9		123		DPT	WG				
10									
11									

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Meaning of icons that are integrated in Vectron POS software:

Icon no.	Icon	Meaning
1		Vectron POS
2		Centered
3		Left assigned
4		Right assigned
5		Enter
6		Field up
7		Field down
8		Cursor left
9		Cursor right
10		Page up
11		Page down
12		Field left
13		Field right
14		Shift

Icon no.	Icon	Meaning
15		Shift lock
16		Editor
17		New record
18		Delete records
19		Print
20		Next record
21		Prev. record
22		Goto record
23		Select
24		Mark
25		Mark
26		Browser / Mask
27		Search by text
28		Send
29		Load

Icon no.	Icon	Meaning
30		Store
31		Network
32		Clear
33	ESC	Esc
34	PRX Z	Mode
101		Takeaway
102		Cancel receipt
103		Duplicate receipt
104		Guest counter
105		In-house
106		No invoice
107		Operator
108	MNG	Manager func. Only
109		Open GC/operator
110		Seat number

Icon no.	Icon	Meaning
111	PLU	PLU
112		Invoice
113		Load invoice
114		Recall invoice
115		Duplicate GC
116		Split by seat no.
117		Void
118		Void last entry
119		Check
120		GC 0
121		GC split
122		Transfer GC
123		Check move
124		Table map
125		Edit GC text

Icon no.	Icon	Meaning
126		X reports
127		Z reports
128		Subtotal GC
129		Subtotal
130		Deposit
131		Paid out
132		Operator report
133		Receipt on
134		Receipt off
135		Data entry
136		Print format shift
137		Received amount
138		VIP sale
139		Journal
140		Price

Icon no.	Icon	Meaning
141		Table reservations
142	DPT	Department DPT
143	WG	Department WG
201		Cash
202		Media no.
401		Cold drinks
402		Hot drinks
403		Side dishes
404		Beer
405		Icecream
406		Fish
407		Meat
408		Beverages
409		Main dishes
410		Desserts

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Icon no.	Icon	Meaning
411		Pizza
412		Spirits
413		Starters
414		Wine
415		Vegetables
416		Salad

14. EC Declaration of conformity

Manufacturer	Vectron Systems AG
	Willy-Brandt-Weg 41
	48155 Muenster, Germany
Device type	Hybrid POS system
Type designation	**Vectron POS MobileXL**
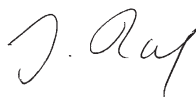
The manufacturer declares that the above designated product complies with the fundamental standards of guidelines 1999/5/EC when used as directed.

Applied standards:

- EN 50364:2001
- EN 55022:2010 Klasse A
- EN 55024:1998 + A1:2001 + A2:2003
- EN 60950-1:2006 + A11:2009
- EN 61000-3-2:2006 + A1:2009 + A2:2009 Klasse D
- EN 61000-3-3:2008
- EN 300328 V1.7.1
- EN 300330-2 V1.5.1
- EN 301489-1 V1.8.1
- EN 301489-3 V1.4.1
- EN 301489-17 V2.1.1

Muenster, 02.03.2012

Jens Reckendorf
Member of the Board

Thomas Stümmler
Member of the Board

15. Accessories

At this point we would like to inform you about the accessories you can purchase for the MobileXL. More information and the technical data for accessories are available on the Internet at www.vectron.de.

Please address your questions concerning our products to your Vectron dealer.

15.1. Battery B40 and Battery housing B40

In addition to the B40 battery supplied together with the MobileXL POS system you can buy additional B40 batteries and B40 battery housings as accessory.

Fig. 40: Battery B40 and Battery housing B40

15.2. MobileXL Charging- and docking station with power pack Vectron PS30

In the MobileXL charging- and docking station you can charge up to three B40 batteries simultaneously.

Fig. 41: MobileXL Charging- and docking station

15.3. Touch pens

The touch pens serve for entering data via the touch screen of MobileXL.

15.3.1. Vectron Touch pen

The Vectron touch pen serves for entering data via the touch screen of MobileXL. The touch pen is made of plastic.

Fig. 42: Vectron Touch pen

15.4. Multifunction touch pen

The touch pen serves for entering data via the touch screen of MobileXL. The multifunction touch pen has an integrated ball pen refill. By turning the cap you can change between writing- and touch function.

Fig. 43: Multifunction touch pen

15.5. Leather holster

You can transport the MobileXL POS system in the leather holster.

In addition to the MobileXL you can put a touch pen or multifunction touch pen (available as accessories) into the leather holster. At the lug of the leather holster you can attach a safety strap, which is connected to the MobileXL POS system. The safety strap prevents the MobileXL POS system from falling down.

Fig. 44: Leather holster

15.6. Belt

The leather holster, which is available as accessory, can be attached at the belt.

Fig. 45: Belt

15.7. Safety strap

The safety strap prevents the MobileXL POS system from falling to the ground.

It can be attached at MobileXL POS system and leather holster, which is available as accessory.

Fig. 46: Safety strap

15.8. WLAN Access Point Professional

The WLAN Access Point Professional serves for wireless networking of POS systems. It supports the WLAN-standard 802.11b.

Fig. 47: WLAN Access Point Professional

15.9. Network print licence for Wireless LAN

You can use the network print licence for Wireless LAN for printing from a MobileXL POS system on a Wireless LAN-printer.

15.10. Printer Bixolon SPP-R200

The MobileXL POS system addresses the mobile thermal printer Bixolon SPP-R200 per Bluetooth.

You can attach the printer with a clip at your belt. The printer prints on thermal paper.

Fig. 48: Printer Bixolon SPP-R200

16. Other Vectron products

This chapter tells you which other Vectron products you can purchase in addition to the MobileXL. For current and detailed information please see the Internet at www.vectron.de.

Please address your questions concerning our products to your Vectron dealer.

16.1. Stationary POS systems

The stationary POS systems can be used as single station systems. Furthermore, they can be used as server in a network, for data exchange between mobile and stationary systems for example. All mobile and stationary POS systems are compatible thanks to the uniform Vectron POS software.

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16.1.1.Vectron POS ColorTouch

Vectron POS ColorTouch has a 30.7 cm (12.1") display.
Input is made via the touch screen.

Fig. 49: Vectron POS ColorTouch

16.1.2. Vectron POS Mini

Vectron POS Mini has a 14.5 cm (5.7") display. Input is either made via the optional touch screen or via flat keyboard.

Fig. 50: Vectron POS Mini

16.1.3. Vectron POS Modular

Vectron POS Modular can be combined with various monitors and keyboards.

Monitors:

- Monitor Vectron D80T; 21.3 cm screen (8.4")
- Monitor Vectron D151T; 38.1 cm screen (15")
- Monitor Vectron D153T; 38.1 cm screen (15")
- Monitor Vectron D171T; 43.2 cm screen (17")

Keyboards:

- Raised keyboard Vectron K10R
- Flat keyboard Vectron K10F

Fig. 51: Vectron POS Modular

16.1.4. Vectron POS SteelTouch II

You can order Vectron POS SteelTouch II with 38.1 cm-
(15") and 43.1 cm display (17"). Data input is made via the
touch screen.

Fig. 52: Vectron POS SteelTouch II

16.1.5. Vectron POS SteelTouch Light

Vectron POS SteelTouch Light has a 38.1 cm display (15").
Data input is made via the touch screen.

Fig. 53: Vectron POS SteelTouch Light

16.1.6.Vectron POS SteelTouch PC

Vectron POS SteelTouch PC has a 38.1 cm display (15"). The POS system is a computer with operating system Microsoft® Windows®, on which the Vectron POS software is installed. Input is made via the touch screen.

Fig. 54: Vectron POS SteelTouch PC

16.2. Hybrid and mobile POS systems

Hybrid POS systems are suitable for mobile use and for stationary use in a charging- and docking station. You can use the mobile systems directly on the site where you serve your customers. All mobile and stationary POS systems are compatible thanks to the uniform Vectron POS-software.

16.2.1. Vectron POS MobilePad

Vectron POS MobilePad is a hybrid system with 21.3 cm display (8,4"). It is suitable for mobile use and for stationary use in the MobilePad charging- and docking station. Data input is made via touch screen. Via the ports at the MobilePad charging- and docking station you can connect external devices like printers to the MobilePad POS system.

Fig. 55: Vectron POS MobilePad

16.2.2. Vectron POS MobilePro

Vectron POS MobilePro is a mobile system with 8.9 cm display (3,5"). Data input is made via keyboard or touch screen. The MobilePro charging station serves for charging batteries.

Fig. 56: Vectron POS MobilePro

16.2.3. Vectron POS MobileTouch

Vectron POS MobileTouch is a mobile system with 10.9 cm display (4.3"). Data input is made via touch screen. The MobileTouch charging station serves for charging batteries.

Fig. 57: Vectron POS MobileTouch

16.3. Software

Vectron software serves for example for evaluating or adjusting data of your POS systems.

16.3.1. Vectron Commander

Vectron Commander is a communication- and evaluation software for the computer with Microsoft® Windows® operating system.

Via connection to the Vectron POS system the Vectron Commander can poll, evaluate and manage the POS system data. You are thus informed at any time about sales-, order- or working time data etc.

Vectron Commander serves for display or printout of reports. For this purpose you can use the supplied report templates or create and adjust reports according to your requirements.

You can poll data from or send data to several POS systems simultaneously. Furthermore you can configure operators with individual authorizations.

The Vectron POS Anywhere function enables you to connect via network or modem to POS systems and control them remotely and to monitor operating procedures.

Vectron Commander can be used as interface between external software (for instance merchandise control systems) and Vectron POS systems.

16.3.2. Vectron POS software

Vectron POS software is the system software for Vectron POS systems. Your Vectron dealer can program and configure the Vectron POS software individually for you. All mobile and stationary POS systems as well as Vectron POS PC are compatible thanks to the uniform Vectron POS software.

16.3.3. Vectron POS PC

With Vectron POS PC you can install the software for Vectron POS systems on computers with operating system Microsoft® Windows®.

In addition to Vectron POS PC you can use e.g. E-mail-, office-, hotel- and merchandise management applications. Vectron POS PC is compatible to all mobile and stationary Vectron POS systems.

16.4. bonVito

bonVito is Vectron's solution for customer retention. Customer retention campaigns are automatically carried out via the POS systems when booking the PLUs. bonVito provides individual customer cards, collection and redemption of points, digital stamps, a payment function as well as coupons per E-mail, text or receipt imprint.