

Mobi 3



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This document is a translation of the original Dutch user manual.

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A Introduction

1 Introduction

The Mobi is a versatile, symbol supported communication tool based on the Mind Express graphic communication program. The Mobi runs on the Windows 10 operating system.

 **TIP**
If you are not familiar with Windows 10, we advise that you only perform the actions described in this user guide and in the user guide of the Mind Express program.

To make optimal use of the device, we recommend that you read this user guide carefully before using the device. A basic knowledge of the Mind Express program is also recommended. The user guide regularly refers to the use of Mind Express.

2 Intended use

The device has a communication supporting function. This device is intended for general use in everyday life for people (from the age of 3) with a communication disorder (who are not able to speak or cannot speak clearly). Users must have adequate motor and mental abilities to use the device.

3 Prohibited use

The device must not be used for clinical, therapeutic or diagnostic purposes.

4 Service life

The expected service life of the device is 5 years.

5 The Mobi type plate

You will find the label with the serial number of the device on the rear panel.



6 Technical data

Technical data Mobi

Specification	Explanation
Processor	Intel® Pentium quad-core N3710
Operating system	Microsoft Windows®
Hard drive	240 GB SSD
Internal memory	4 GB
Screen	12.1 inch XGA color TFT, LED backlight touch screen <ul style="list-style-type: none"> capacitive, see Capacitative Touch Screen on page 12. resistive, see Resistive touch screen on page 11.
USB	2 x USB 2.0
Battery	<ul style="list-style-type: none"> Standard Li-Ion battery 56 Wh High capacity Li-Ion battery 84 Wh
Weight	1,750 g + 100 g high capacity battery + 150 g capacitative screen
Dimensions	<ul style="list-style-type: none"> Width: 28.5 cm (11.2 inch) Height: 23.4 cm (9.2 inch) Depth: 3.7 cm (1.5 inch)

Specification	Explanation
Webcam	<ul style="list-style-type: none">▪ With a capacitive screen: integrated into the screen.▪ With a resistive screen: not available.
Mounting	DAESSY mounting system mounting plate
Connectivity	WiFi, Bluetooth
Audio	<ul style="list-style-type: none">▪ 1 integrated microphone▪ 2 integrated speakers
Switches	2 (programmable)

B Description and operation

1 Getting to know the Mobi (resistive)

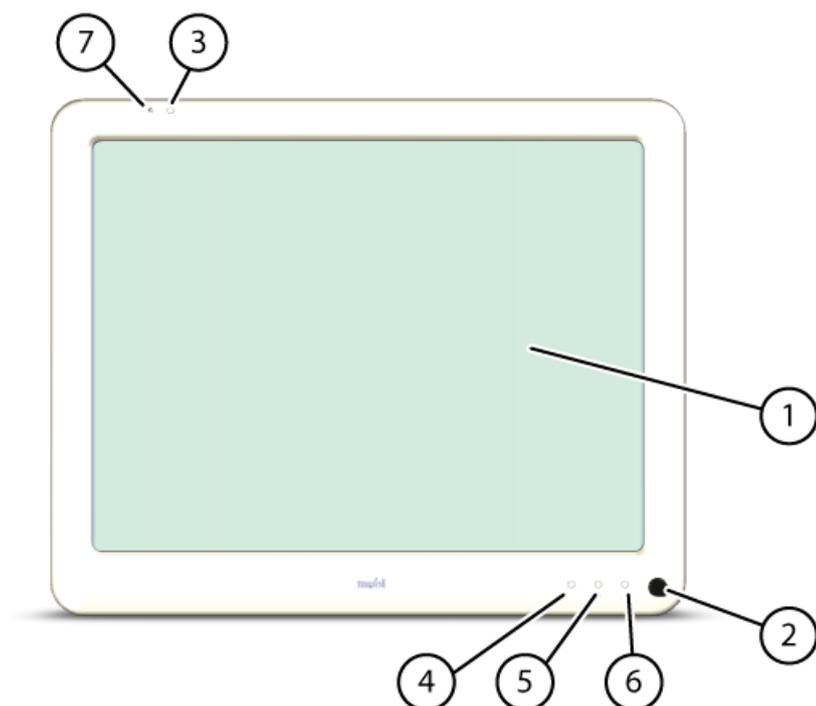


Figure 1: Mobi front view

No	Identification	Explanation
1	Touch screen	The device has a 12.1 inch resistive touch screen. See Resistive touch screen on page 11.
2	On/off button	This allows you to switch the device on/off or revert to sleep mode.
3	Dummy indicator	This indicator is not used on this type of device.
4	Bluetooth indicator	The indicator lights when a Bluetooth connection is made with an external device.
5	Battery charge indicator	The battery charge indicator lights up as soon as the device is connected to the mains through the supplied power adapter. The indicator is amber while charging. The indicator changes to green as soon as the battery is charged.
6	On/off indicator	The on/off indicator shows the status of the device: <ul style="list-style-type: none"> no indicator light showing: device is switched off red: battery capacity below 20% amber: battery capacity is between 20% and 50% green: battery capacity is higher or equal to 50%
7	Microphone opening	This is the microphone opening which is used for sound to reach the device's internal microphone when recording. The Mobi has 1 integrated microphone.

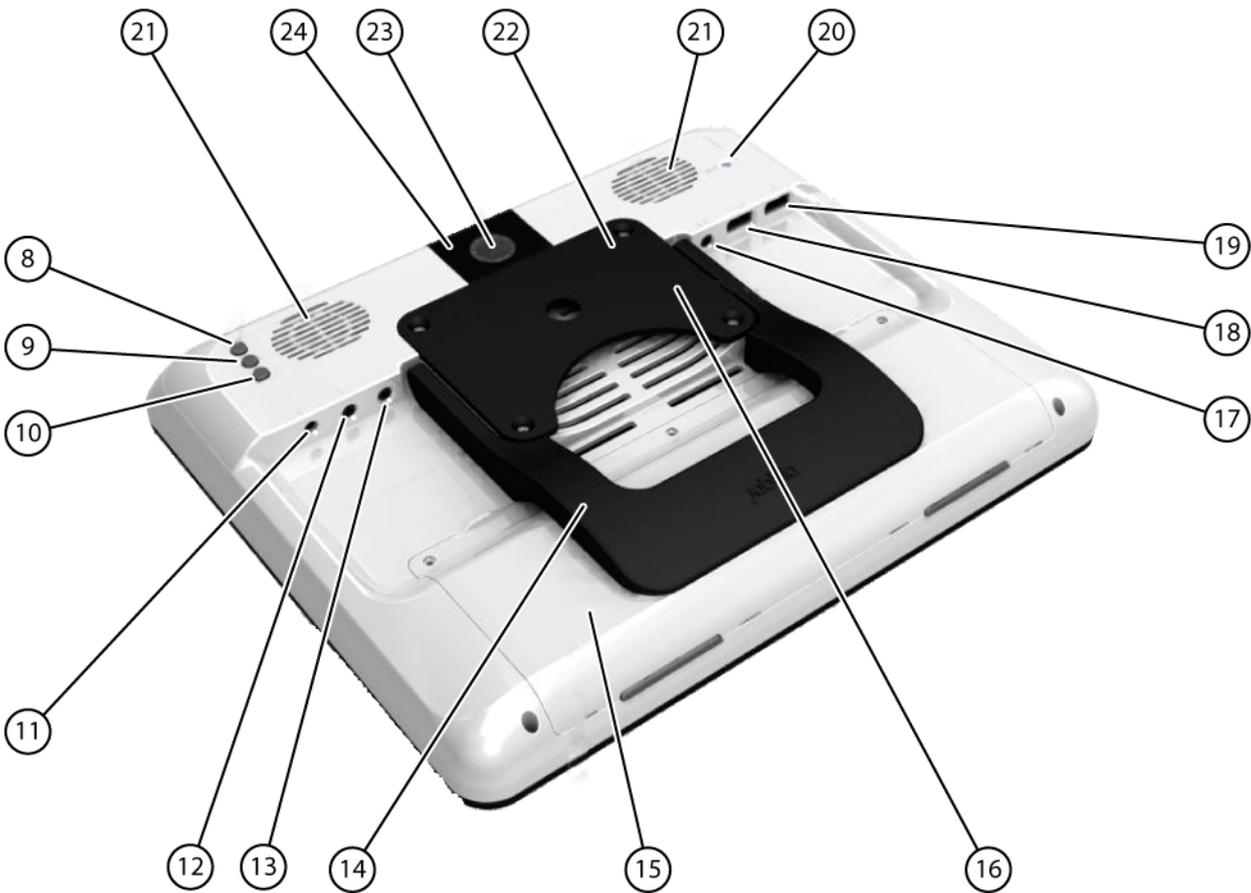


Figure 2: Mobi rear view

No	Identification	Explanation
8	Top button or button A	This button is programmable. As standard, the Windows function Master Volume Up is programmed.
9	Middle button or ESC button	This button is NOT programmable, but can be disabled. Press this button briefly to simulate a rightclick at the next touch off the screen. Press and hold this button for 1.5 seconds to simulate an ESCAPE.
10	Bottom button or button B	This button is programmable. As standard, the Windows function Master Volume Down is programmed.
11	Connection to power supply	This connection is to charge the device using the power adapter included.
12	Connection switch 1	This input is for connecting switch 1.
13	Connection switch 2	This input is for connecting switch 2.
14	Tray stand	The Mobi has a folding stand. The stand is designed so that the device can be ergonomically supported on a tray. In its folded configuration, the stand is securely held in place by a magnet.
15	Battery cover	The battery cover protects the battery and can be removed by unscrewing 3 screws.
16	Fan vent	This opening is for additional cooling to the Mobi. Be sure to keep this opening unobstructed!
17	Jack for headphones	This output is for connecting headphones to the Mobi. The speakers are not automatically disabled when you connect the headphones. Headphones and speakers are controlled through the software.

No	Identification	Explanation
18	USB 2.0	The USB port allows you to connect USB-compatible devices and peripherals such as a mouse, keyboard, printer, ...
19	USB 2.0	The USB port allows you to connect USB-compatible devices and peripherals such as a mouse, keyboard, printer, ...
20	Reset	This button is used to reset the device.
21	Speakers	The device has a number of powerful loudspeakers.
22	Mounting plate	DAESSY mounting system mounting plate
23	Camera (optional)	The device can be equipped with an optional camera for taking photos and videos.
24	Infrared receiver and transmitter	The infrared receiver is used to record the infrared codes. Via the infrared transmitter, the programmed infrared signals can be transmitted to other devices.

2 Getting to know the Mobi (capacitive)



Figure 3: Mobi front view

No	Identification	Explanation
1	Touch screen	The device has a 12.1 inch capacitive touch screen. See <i>Capacitive Touch Screen</i> on page 12.
2	On/off button	This allows you to switch the device on/off or revert to sleep mode.
3	Webcam	The device has a front camera for taking photos and videos.
4	Infrared receiver	The infrared receiver is used to record the infrared codes.
5	Battery charge indicator	The battery charge indicator lights up as soon as the device is connected to the mains through the supplied power adapter. The indicator is amber while charging. The indicator changes to green as soon as the battery is charged.

No	Identification	Explanation
6	On/off indicator	The on/off indicator shows the status of the device: <ul style="list-style-type: none"> no indicator light showing: device is switched off red: battery capacity below 20% amber: battery capacity is between 20% and 50% green: battery capacity is higher or equal to 50%
7	Microphone opening	This is the microphone opening which is used for sound to reach the device's internal microphone when recording. The Mobi has 1 integrated microphone.

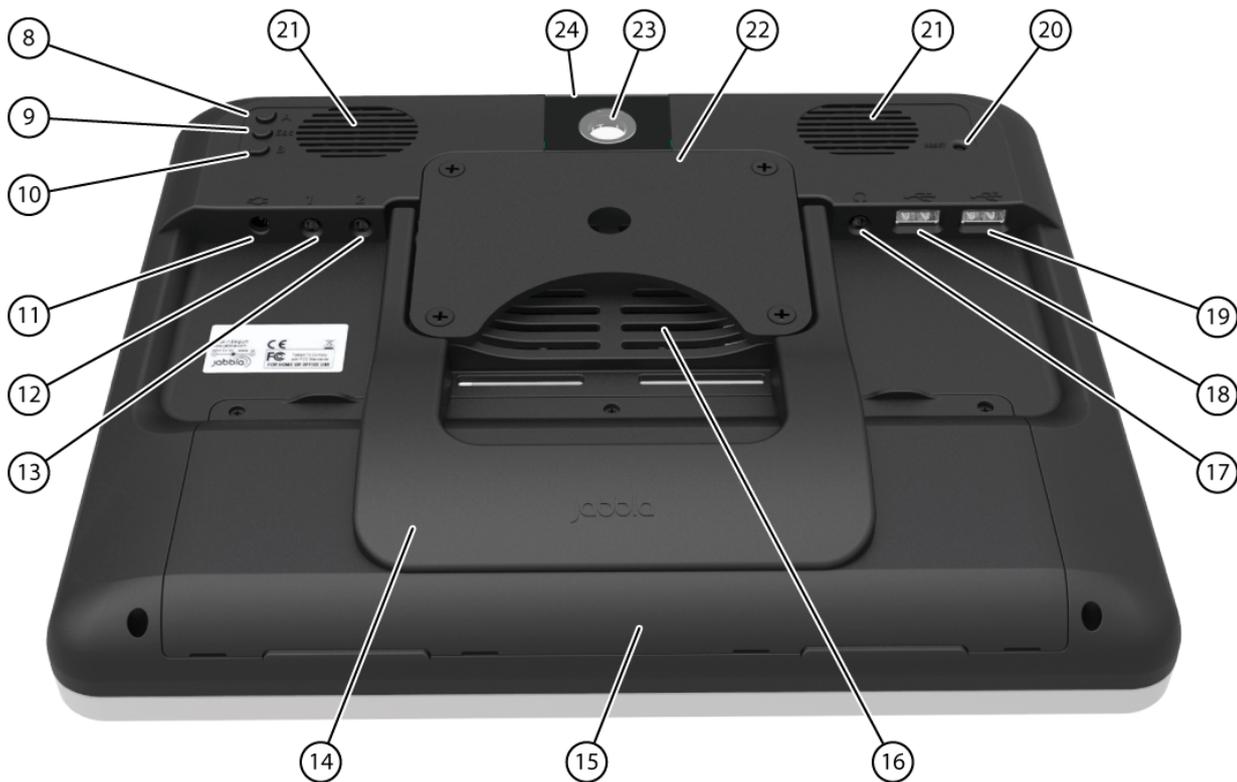


Figure 4: Mobi rear view

No	Identification	Explanation
8	Top button or button A	This button is programmable. As standard, the Windows function Master Volume Up is programmed.
9	Middle button or ESC button	This button is NOT programmable, but can be disabled. Press this button briefly to simulate a rightclick at the next touch off the screen. Press and hold this button for 1.5 seconds to simulate an ESCAPE.
10	Bottom button or button B	This button is programmable. As standard, the Windows function Master Volume Down is programmed.
11	Connection to power supply	This connection is to charge the device using the power adapter included.
12	Connection switch 1	This input is for connecting switch 1.
13	Connection switch 2	This input is for connecting switch 2.
14	Tray stand	The Mobi has a folding stand. The stand is designed so that the device can be ergonomically supported on a tray. In its folded configuration, the stand is securely held in place by a magnet.

No	Identification	Explanation
15	Battery cover	The battery cover protects the battery and can be removed by unscrewing 3 screws.
16	Fan vent	This opening is for additional cooling to the Mobi. Be sure to keep this opening unobstructed!
17	Jack for headphones	This output is for connecting headphones to the Mobi. The speakers are not automatically disabled when you connect the headphones. Headphones and speakers are controlled through the software.
18	USB 2.0	The USB port allows you to connect USB-compatible devices and peripherals such as a mouse, keyboard, printer, ...
19	USB 2.0	The USB port allows you to connect USB-compatible devices and peripherals such as a mouse, keyboard, printer, ...
20	Reset	This button is used to reset the device.
21	Speakers	The device has a number of powerful loudspeakers.
22	Mounting plate	DAESSY mounting system mounting plate
23	Camera (optional)	The device can be equipped with an optional camera for taking photos and videos.
24	Infrared transmitter	This transmits infrared signals to other devices.

3 Accessories and options

Mobi (resistive)

- Making calls via SIM card
- Rear camera
- JabblaIR

Mobi (capacitive)

- Making calls via SIM card
- Rear camera
- JabblaIR

4 Operation

The Mobi is a versatile, symbol supported communication tool based on the Mind Express graphic communication program. Thanks to the Mind Express, voice messages can be created by selecting images and/or symbols. Selection is done by:

- touch screen
- mouse
- keyboard
- switches
- eye control
- head control

The Mobi has a clear 12.1" high resolution touch screen. The Mobi is available in two versions:

- Mobi with a resistive touch screen
- Mobi with a capacitive touch screen

The Mobi runs on the Windows 10 operating system.



TIP

If you are not familiar with Windows 10, we advise that you only perform the actions described in this user guide and in the user guide of the Mind Express program.

The device is equipped with an infrared receiver and an infrared transmitter. This enables you to control devices such as televisions, radios, DVD players using infrared codes.

5 Resistive touch screen

A resistive touch screen is pressure sensitive and can be operated with your fingers and other objects, such as a stylus. In the winter you can also operate the touch screen with your gloves on. The touch screen consists of 2 layers with an air gap separating them. One of the layers has an electrical voltage applied to it. By touching the touch screen you bring the two layers into contact with each other.

Advantages:

- you can click on pixels very accurately
- you can draw something very precisely with a stylus
- cheaper

Disadvantages:

- A certain pressure must always be exerted on the touch screen. If the expected pressure is not reached, the touch screen can react slowly or poorly.
- The touch screen may be less legible in sunlight due to the reflections from the extra layer.

6 Capacitive Touch Screen

A capacitive touch screen can only be operated with your fingers or a stylus that simulates your fingers. The touch screen has a small electrical charge over its whole surface. When you touch the screen with your finger, the electrical current is interrupted or diverted and this changes the capacitance. Your body conducts the electricity. The point where this happens is interpreted as a touch on the touch screen.

Advantages:

- no pressure is needed to register the touch
- the touch screen is very sensitive and its operation is therefore suppler

Disadvantages:

- operation is only possible with conductive objects such as a finger or a capacitive stylus.

C Safety

1 Safety



CAUTION

When mounting the device to a wheelchair, ensure that the unit is securely fastened and additionally locked, so that it cannot accidentally fall at the slightest shock or impact.



NOTICE

The device uses a Li-ion battery. Do not dispose of the battery in the usual way when replacing it. Keep to the waste regulations that apply in your region. You can always return the battery to your supplier.



NOTE

If you are not using the device for a longer period of time, always store it with the battery fully charged. Ensure that the unit is switched off.



CAUTION

Avoid heat sources in the vicinity of the device, or areas that may become particularly hot. For example, in summer it can become very hot in a car. Temperatures that are too high may adversely affect the performance of the battery life.



CAUTION

The device is not watertight, but it has been designed in such a way that the screen area is splash-proof. At the rear there are openings for the loudspeakers that could allow moisture or dirt to enter. This may affect the quality of the loudspeakers. Always try and avoid situations that could cause moisture or dirt to enter the loudspeaker openings. Also take precautions when cleaning the device and always follow the cleaning instructions.



CAUTION

Do not use the tray stand as a handle for carrying the device! By using the tray stand as a carrying handle, it may detach from the device, causing the device to fall and possibly sustain damage.

The Mobi is equipped with WiFi and Bluetooth. Please observe the following safety precautions:



CAUTION

Do not use the device on a plane. Switch off the device.



CAUTION

Do not use the device in the hospital in the vicinity of medical electronic devices. The transmitted radio waves may affect the equipment.



CAUTION

Do not use the device in an environment where flammable gases are present (such as gas stations).

D Getting started

1 What's in the Mobi box?

The Mobi is supplied with the following parts:

- carry case
- power supply with plug and cable
- USB input panel
- USB mouse
- USB stick
- user guide Mobi
- Mind Express (2 software licenses + Quick Start Guide)

2 First use

1. Connect the supplied power adapter between the device (11) and the power supply.



The battery charge indicator (5) will light up and remain amber while charging. As soon as the battery is fully charged, the indicator light changes to green.

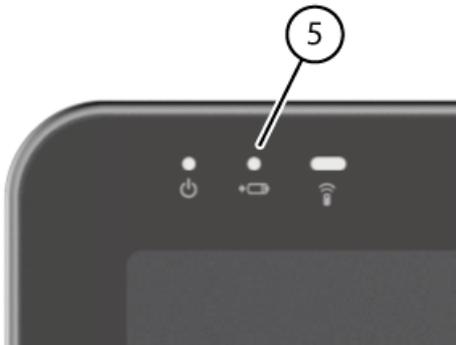


Figure 5: The battery charge indicator with a capacitive screen

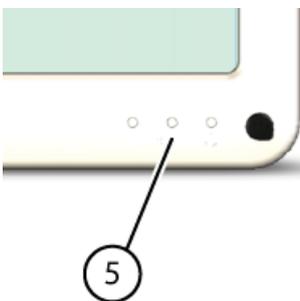


Figure 6: The battery charge indicator with a resistive screen

2. If the device is equipped with the functionality to make calls via the internal telephone (option), you must insert the SIM card. See [Inserting a SIM card \(optional\)](#) on page 40.
3. Start the device. Press the on/off button (2).



Figure 7: On/off button with a capacitive screen

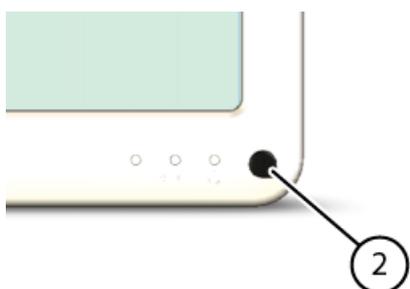


Figure 8: On/off button with a resistive screen

During the device startup the on/off indicator will light briefly at one second intervals. Once the device has started up and is ready for use, the on/off indicator will stay on.

3 Storing the device for an extended period

1. Shut down the device. See [Shutting down the Mobi](#) on page 32.



NOTE

The device must not be in sleep mode! In sleep mode the on/off indicator lights briefly every 4 seconds.

2. Fully charge the device. See [Charging the Mobi](#) on page 19.
3. Place the device in the carry case.
4. Store the device with carry case in a dry place at room temperature (20 °C / 68 °F).
5. Fully charge the battery every 6 months.

If you allow the battery to get empty, the device will no longer start.

E Control

1 Switching on the Mobi



Figure 9: On/off button with a capacitive screen

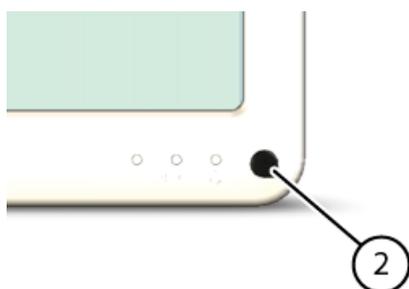


Figure 10: On/off button with a resistive screen

Press the on/off button (2).

If the device was in sleep mode, it can be used immediately. If the device was switched off, then Windows must be started first.

See also

Shutting down the Mobi on page 32

Resetting the Mobi on page 31

2 Charging the Mobi

The amount of time you can use your device without needing to charge it depends greatly on how you use it:

- the audio volume
- the time set before the device reverts to sleep mode
- your Bluetooth and WiFi use

If the device is used a lot, it is recommended to recharge it every day. To do this, use only the supplied power adapter. The device can still be used while charging.

Charge the device preferably at room temperature (about 20 °C / 68 °F). Temperatures lower than 5 °C (41 °F) and higher than 45 °C (113 °F) can have a negative effect on the battery.



1. Check the power status. See [Viewing the power status](#) on page 20.
2. Connect the supplied power adapter between the device (11) and the power supply.
The battery charge indicator will light up and remain amber while charging. The battery charge indicator is green when the battery is fully charged.

- Remove the charger as soon as the battery is fully charged.

See also

- Viewing the power status on page 20
- The battery alarm settings on page 39
- Replacing the battery on page 43
- Showing the battery info on page 45

3 Viewing the power status

- View the on/off indicator (6) on the device.

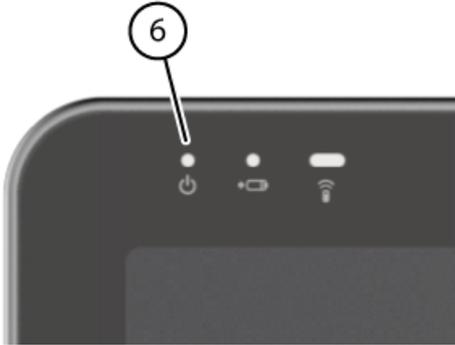


Figure 11: On/off indicator with a capacitive screen

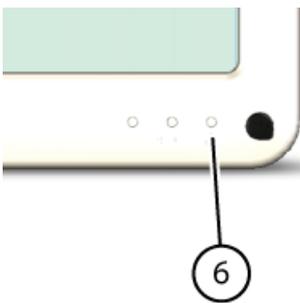


Figure 12: On/off indicator with a resistive screen

- The on/off indicator may show the following colors:

Color of indicator	Explanation
Green	Battery capacity is higher or equal to 50%
Amber	Battery capacity between 20% and 50%
Red	Battery capacity is below 20%



NOTICE

To obtain a quick view of the remaining battery capacity, move the mouse pointer over the battery icon  in the system tray. The remaining percentage is displayed.

See also

- Charging the Mobi on page 19
- The battery alarm settings on page 39
- Replacing the battery on page 43
- Showing the battery info on page 45

4 Control options

4.1 Touch-screen control

The way to make a selection on the screen can be customized by the user. See the Mind Express Help function.



NOTE

Check that the protective film has been removed from the device.

 **CAUTION**
Do not use sharp tools, to prevent scratching the touch screen.

 **NOTE**
Tap with your finger, not with your fingernail!

 **CAUTION**
Make sure the touch screen does not come into contact with water.

Use the following techniques to operate the touch screen:

Action	Technique
Left click	Tap once on the object with your finger.
Double-click	Give two short, quick taps on the object with your finger.
Dragging	To move a (draggable) object, touch the object and drag it to the desired location.
Right-click	Press the center button on the rear side and then touch the object. After selecting, the left mouse button is active again. This does not work if the center button is disabled. See <i>Setting the rear buttons</i> on page 34.

 **NOTICE**
The option to drag in communication grids, can be set in Mind Express.

See also

- Mouse control on page 21
- Scan control on page 22
- Keyboard control on page 22
- Using the on-screen keyboard on page 23

4.2 Mouse control

The device can be operated with a mouse (or via head control, eye control). The device has several USB ports for connecting a USB-compatible mouse.

To activate the mouse control, select Mind Express **Edit > Mouse**.

To change the mouse control settings, select Mind Express **Tools > Mouse selection....**

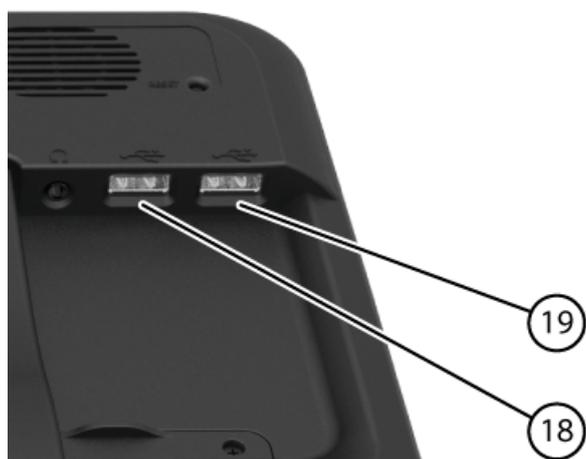
 **TIP**
For more information on activating and setting up the mouse control in Mind Express, see the *Mind Express Help* function.

See also

- Touch-screen control on page 20

4.3 Joystick control

The device has two USB ports (18) (19) to which you can connect a USB-compatible joystick.



To activate the joystick control, select from Mind Express **Edit > Joystick**.

To change the joystick control settings, select from Mind Express **Tools > Joystick selection...**

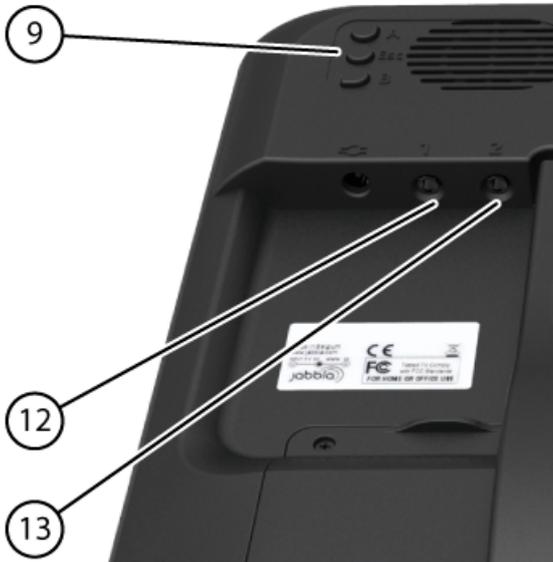


TIP

For more information on activating and setting up the joystick control in Mind Express, see the Mind Express Help function.

4.4 Scan control

The device can be operated in Mind Express by scanning. In Mind Express, you can specify how you want to scan. For scanning, 1 or 2 switches that are directly connected to the device (12) (13) can be used.



To activate scan control, select from Mind Express **Edit > Scanning**.

To edit the scan control settings, select from Mind Express **Tools > Scanning selection...**



TIP

For more information on activating and setting up the scan control in Mind Express, see the Mind Express Help function.



NOTE

To exit scan mode, press and hold the middle button (9) for 1.5 sec. Or you can use the ESC key on a connected input panel.

See also

[Touch-screen control on page 20](#)

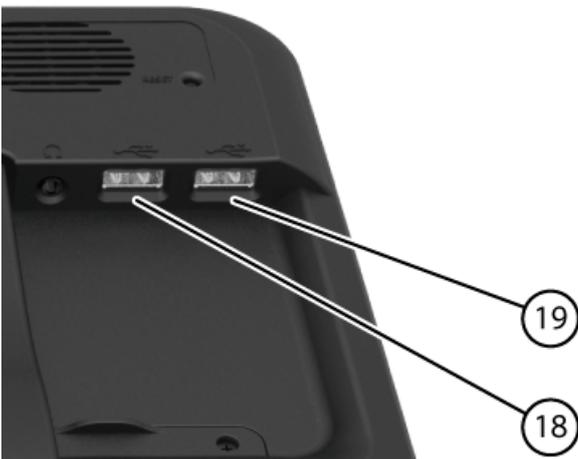
[Mouse control on page 21](#)

[Keyboard control on page 22](#)

[Using the on-screen keyboard on page 23](#)

4.5 Keyboard control

The device has two USB ports (18) (19) for connecting a USB-compatible keyboard. The Mobi also features an on-screen keyboard.



See also

- Touch-screen control on page 20
- Mouse control on page 21
- Scan control on page 22
- Using the on-screen keyboard on page 23

4.6 Using the on-screen keyboard

In addition to a USB compatible keyboard, you can choose to use the on-screen keyboard.

1. Tap on **On-screen keyboard**  in the task bar.
2. From the title bar, drag the on-screen keyboard into the desired position.

**TIP**

For more information about the on-screen keyboard, refer to the Windows Help function.

See also

- Touch-screen control on page 20
- Mouse control on page 21
- Scan control on page 22
- Keyboard control on page 22

4.7 Eye control

The device can be operated using eye control. This mode of operation is suitable for users with very limited movement capabilities.

Mind Express can be used with eye control. Mind Express offers a number of eye control types, which after calibrating the eye control program, you can adjust as well as possible to the needs and skills of the user.

- Alea
- Edge
- Eyeteck
- MyGaze
- Tobii

To activate the eye control, select Mind Express **Edit** > **Eye tracking**.

To change the eye control settings, select Mind Express **Tools** > **Eye tracking** > **Selection**.

**TIP**

For more information on activating and setting up the eye control in Mind Express, see the Mind Express Help function.

5 Making calls and sending and receiving text messages with the Mobi**5.1 Making a call with the Mobi**

You can make calls with the Mobi in two ways:

- Via an external telephone. For example, your cell phone. See *Making calls / sending text messages with the Mobi via an external telephone* on page 23.
- Via an internal telephone or via the Mobi internal SIM card. This is an option! See *Making calls with the Mobi via the internal telephone* on page 24.

See also

- Setting the Mobi phone options (external telephone) on page 26
- Connecting the external phone to the Mobi on page 27

5.2 Sending and receiving text messages with the Mobi

You can send text messages with the Mobi in two ways:

- Via an external telephone. For example, your cell phone. See *Making calls / sending text messages with the Mobi via an external telephone* on page 23.
- Via an internal telephone or via the Mobi internal SIM card. This is an option! See *Sending text messages with the Mobi via the internal telephone* on page 24.

5.3 Making calls / sending text messages with the Mobi via an external telephone

The first time, you must complete the following steps. After that the Jabbla BT app will connect automatically provided that Bluetooth is enabled on your telephone.

1. Set the Mobi telephone options. See [Setting the Mobi phone options \(external telephone\)](#) on page 26.
2. Install the Jabbla BT app on your telephone. See [Downloading and installing the Jabbla BT app](#) on page 27.
3. Connect your telephone and the Mobi. See [Connecting the external phone to the Mobi](#) on page 27.

See also

- Using the sample file for phone on page 24
- Using the sample file for text messages on page 25

5.4 Making calls with the Mobi via the internal telephone

As an option, the Mobi can be equipped with an internal telephone.

1. Insert the SIM card. See [Inserting a SIM card \(optional\)](#) on page 40.
2. Set the Mobi telephone options. See [Setting the Mobi phone options \(internal telephone\)](#) on page 27.
3. Use the file **App_call** to make calls. See [Using the sample file for phone](#) on page 24.

5.5 Sending text messages with the Mobi via the internal telephone

As an option, the Mobi can be equipped with an internal telephone.

1. Insert the SIM card. See [Inserting a SIM card \(optional\)](#) on page 40.
2. Set the Mobi telephone options. See [Setting the Mobi phone options \(internal telephone\)](#) on page 27.
3. Open Mind Express and choose the example file **me4_eng**.
4. Choose **Computer**.
5. Choose one of the following apps:

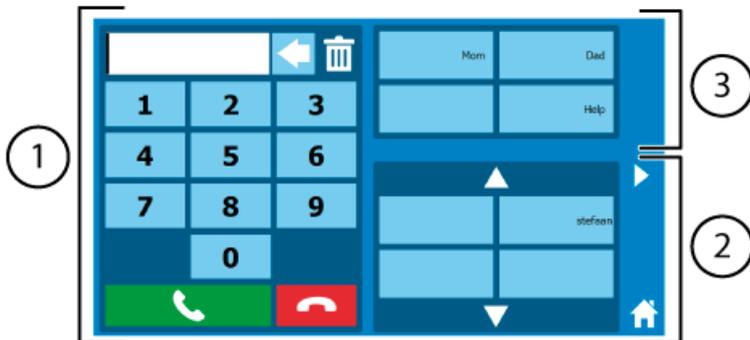
App	Explanation
text message	This app allows you to fully manage your messages. You can create, send, receive, reply to, delete new messages. See Using the sample file for text messages on page 25.
text message (simple)	This app allows you to send simple text messages using selected symbols. See the Mind Express help.

5.6 Using the sample file for phone

Mind Express contains a sample file that can be used to make calls. You can call a number you enter yourself, to stored numbers, or people in the address book. The conversation can be conducted through communication cards or using the microphone.

NOTE *Speech via communication cards is always sent. Speech via the microphone is only sent if the other side of the line does not speak!*

1. Open the **me4_eng** start document.
2. Select the **Computer > phone** category.
The **App_call** sample file is opened.
3. Do one of the following:

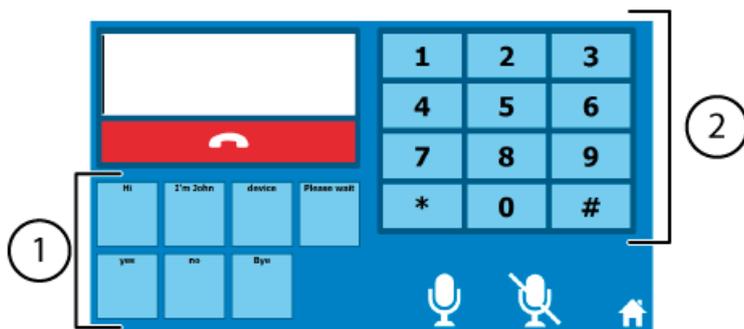


Number	Explanation
1	With this you can call a number you enter. Compile the contact's number using the number buttons. Use the button to clear 1 character. Use the button to clear the input box completely. Choose the to call the number.

Number	Explanation
2	Using this you can call a contact from the address book. Choose the name of a contact in your address book. That contact will be called immediately. Use the ▲ and ▼ buttons to browse through the address book.
3	Using this you can call preset numbers without adding them to the address book. Choose a field to call a specific number. The number will be called immediately.

Choose to end the call. Choose to go to the next page of the **App_call** file. Choose to go to the **Computer** category of the **me4_eng** file. You can start a conversation as soon as the recipient has picked up. Use communication cards to conduct a conversation. By default, the microphone is off. If you (or the supervisor) want to speak, choose to enable the microphone. Choose to disable the microphone when you are not using it. This will prevent surrounding noises from disrupting the call.

4. You can also do one of the following:



Number	Explanation
1	With this you can send messages quickly. The messages do not appear in the note area.
2	Using this you can press the buttons during the call. For example, for calling your voicemail or when making a call to customer service.

Click the button to go to the previous page of the **App_call** file. Click again to find the appropriate communication card for conducting the conversation. Click the button to end the call.

See also

Making calls / sending text messages with the Mobi via an external telephone on page 23

5.7 Using the sample file for text messages

1. Open the **me4_eng** start document.
2. Select the **Computer > text message** category. The **App_sms** sample file is opened.
3. Choose **Inbox** or **Outbox** and select a message. The details of the message are displayed on the right and the message is read automatically.
4. Do one of the following:

Choose	Action
	To check for new messages.
	To view previous messages.
	To view next messages.
	To write a new message. See step 5.
	To read the selected message.

Choose	Action
	To stop the reading of the message.
	To reply to the selected message. See step 6.
	To delete the selected message.

- If you selected the field , the communication card appears for setting the text message. Choose  and select the contact person.
If you want to delete all the recipients, choose . If you want to delete one recipient, choose  and select the contact person to be removed.
- Type your message using the letter fields and the word prediction fields on the communication card.
- Do one of the following:

Choose	Action
	To read the message aloud.
	To stop the reading of the message.
	To clear the last character entered or predicted word.
	To delete the whole message.
	To send the message.
	To go to the previous page of the App_sms file.

See also

Making calls / sending text messages with the Mobi via an external telephone on page 23

5.8 Setting the Mobi phone options (external telephone)

You can change the Bluetooth name of the Mobi and you can automatically enable Bluetooth when starting up the Mobi. You can also visualize events. For example, when to enable bluetooth, or when you are being called, ...

- Choose Mind Express **Tools > Phone > Settings**.
- Select **Mobi 3 external phone** from the **Model:** drop-down list.
- As required, change the Bluetooth name of the device Mobi in the field **Bluetooth name:**. This name appears on your mobile phone in the list of paired devices.
- Select the **Connect at startup** option to enable Bluetooth when starting up Mind Express.
- Select the **Show additional info** option to explain certain events on the screen.
Enabling Bluetooth.
- As required, select the **Notification on incoming call** option.
A message is displayed when you are called on the Mobi.
- Tap on **OK**.
- Choose Mind Express **Tools > Phone > (Re)connect**.

If you checked the **Connect at startup** option and installed the **JABBLA BT** app on your smartphone, the connection will be made automatically next time.



NOTE
The phone settings are saved when you close Mind Express. If you close Windows without closing Mind Express, your phone settings will not be saved!

See also

- Making a call with the Mobi on page 23
- Connecting the external phone to the Mobi on page 27

5.9 Setting the Mobi phone options (internal telephone)

1. Choose Mind Express **Tools > Phone > Settings**.
2. Select **Mobi 3 internal phone** from the **Model:** drop-down list.
The correct COM port appears in the list automatically.
3. Enter the SIM card PIN code.
You must enter the PIN code. If you use a SIM card that does not have a PIN code, you must enter any number at random in this field.



NOTE

After 3 attempts, the SIM card will be locked. To unlock the SIM card it must be removed from the device and placed in a mobile phone. You can unlock the SIM card using the PUK code. Then you can re-insert the SIM card in the device.

4. Select the **Connect at startup** option to enable Bluetooth when starting up Mind Express.
5. Select the **Show additional info** option to explain certain events on the screen.
6. As required, select the **Notification on incoming call** option.
A message is displayed when you are called on the Mobi.
7. Tap on **OK**.



NOTE

You cannot make calls or send text messages immediately. You have to wait another 30 seconds or so until there is a connection with the operator.

5.10 Connecting the external phone to the Mobi

The connection between a mobile phone and the Mobi depends on the brand and type of mobile phone. Below is a description of the general procedure.



NOTE

Refer to the operating instructions of your mobile phone.



NOTE

The telephone options must be set correctly, see [Setting the Mobi phone options \(external telephone\)](#) on page 26.

1. Enable Bluetooth on the Mobi. See [Enabling Bluetooth](#) on page 37.
2. Enable Bluetooth on your mobile phone and allow the phone to find the available devices.
3. Search for the right Bluetooth name in the list of available devices.



NOTE

The Mobi has 2 Bluetooth functionalities. Select the Bluetooth name you entered when setting the phone options! You can use the other Bluetooth to connect to a wireless keyboard, mouse, headphones ...

4. Enter the pin code and connect. The standard code is 1111.

See also

[Making a call with the Mobi](#) on page 23

[Setting the Mobi phone options \(external telephone\)](#) on page 26

5.11 Determining the Android version of your smartphone

1. Choose **Settings**.
2. Swipe everything upwards.
3. Tap on **About device**.
About device can be found at the bottom of the list. On some devices you will see **About phone** or an equivalent text.
4. Under **Android version** you will find the version that has been installed on your device.

See also

[Downloading and installing the Jabbla BT app](#) on page 27

5.12 Downloading and installing the Jabbla BT app

The Jabbla BT app is available for Android version 4.2 or higher only. See [Determining the Android version of your smartphone](#) on page 27.

1. Tap on **Play Store** on your smartphone.
2. Enter Jabbla in the search box and tap on  on the on-screen keyboard in the bottom right.
3. Tap on the Jabbla BT app.
If you cannot find the app in **Play Store**, then the Android version 4.2 or higher is not installed on your smartphone.
4. Tap on **INSTALL**.
The **JABBLA BT** app is a free app. There is no need to set any payment options.
5. Tap on **ACCEPT**.

6. Tap on **OPEN**.
7. Search for the bluetooth name of your device from the list of available devices and connect.



NOTE

*As required, click **Scan for devices** to see the available devices.*

Your device is now ready for making calls and sending text messages via your smartphone.

See also

Determining the Android version of your smartphone on page 27

6 Linking the Eddy to the Mobi

The Eddy can be linked to the Mobi using Bluetooth. See [Enabling Bluetooth](#) on page 37.

On how to use the Eddy and its settings, please refer to the Mind Express user guide or online help.

7 Using the environmental control of the Mobi

The Mobi is equipped with an infrared receiver (4) and an infrared transmitter (24). This enables you to control devices such as televisions, radios, DVD players using infrared codes. The Mobi can learn to recognize the infrared codes of the devices.



Figure 13: Infrared receiver Mobi capacitive



Figure 14: Infrared transmitter Mobi

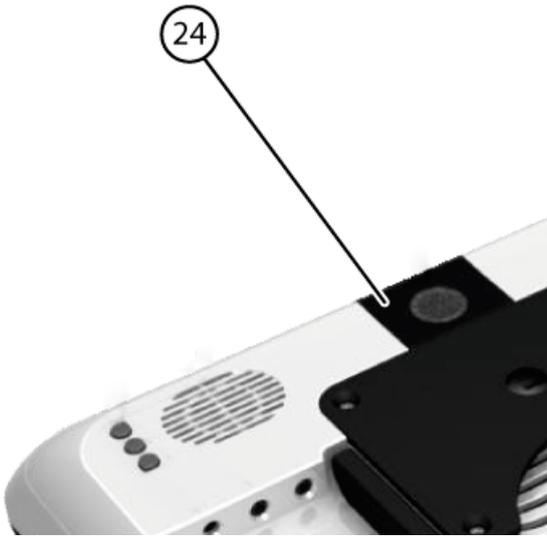


Figure 15: Infrared receiver and transmitter Mobi resistive

On how to use the infrared codes and their settings (JabblaIR), please refer to the Mind Express user guide or online help.

8 Putting the Mobi in sleep mode

Sleep mode is an energy-saving mode that allows you to quickly wake up your computer again. By default, after 3 minutes the Mobi automatically switches to sleep mode. The Mobi can also be put to sleep manually.



Figure 16: On/off button with a capacitive screen

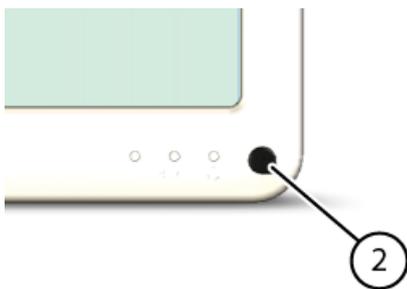


Figure 17: On/off button with a resistive screen

Do one of the following:

- Choose  >  > **Sleep**.
- Briefly press the on/off button (2).

The display switches off but the on/off indicator (6) lights briefly every 4 seconds.

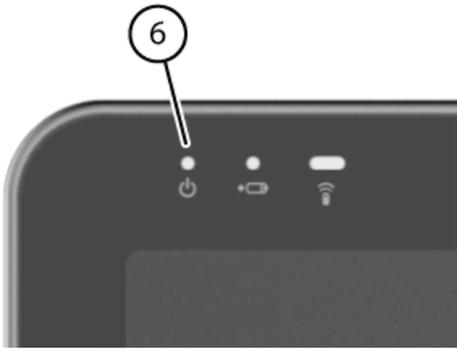


Figure 18: On/off indicator with a capacitive screen

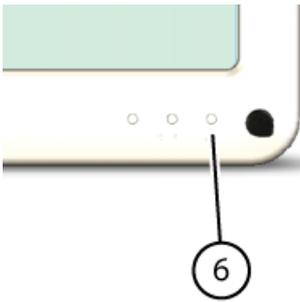


Figure 19: On/off indicator with a resistive screen

See also

- Waking the Mobi from sleep mode on page 30
- Disabling sleep mode on page 38
- Automatically disabling the USB ports in sleep mode on page 38

9 Waking the Mobi from sleep mode

If the display of the Mobi is switched off, and the on/off indicator (6) is on, the Mobi is in sleep mode.



Figure 20: On/off indicator with a capacitive screen

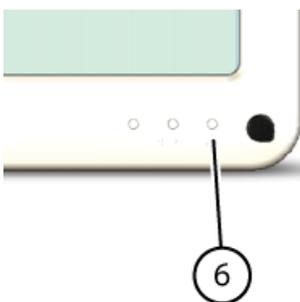


Figure 21: On/off indicator with a resistive screen

Carry out one of the following actions to wake Mobi from sleep mode:

- Press on the screen.
- Click a mouse button.
- Press a key on the keyboard.
- Press the switch.
- Press the on/off button (2).



Figure 22: On/off button with a capacitive screen

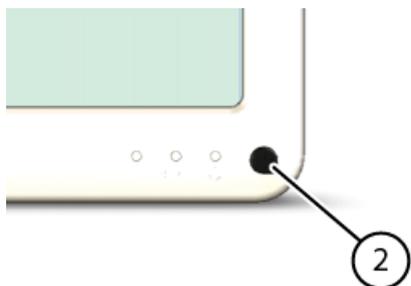


Figure 23: On/off button with a resistive screen

See also

- Putting the Mobi in sleep mode on page 29
- Disabling sleep mode on page 38
- Automatically disabling the USB ports in sleep mode on page 38

10 Resetting the Mobi



CAUTION

Only reset the device when it has completely frozen.



1. Press the tip of a ball pen into the reset opening (5).
The device shuts down.
2. Press the on/off button on the device.
The device will restart and can be used again.

See also

- Switching on the Mobi on page 19

Shutting down the Mobi on page 32

11 Shutting down the Mobi

Choose  >  > **Exit**.

The on/off indicator (6) switches off.

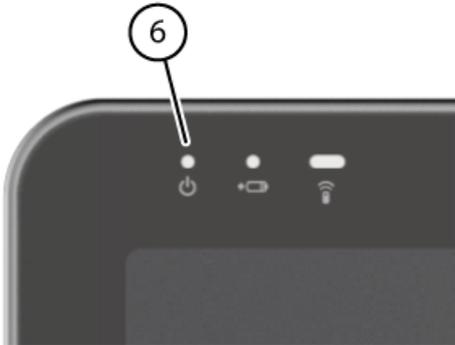


Figure 24: On/off indicator with a capacitive screen

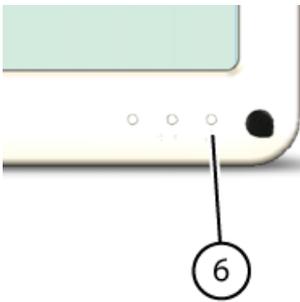


Figure 25: On/off indicator with a resistive screen

See also

Switching on the Mobi on page 19

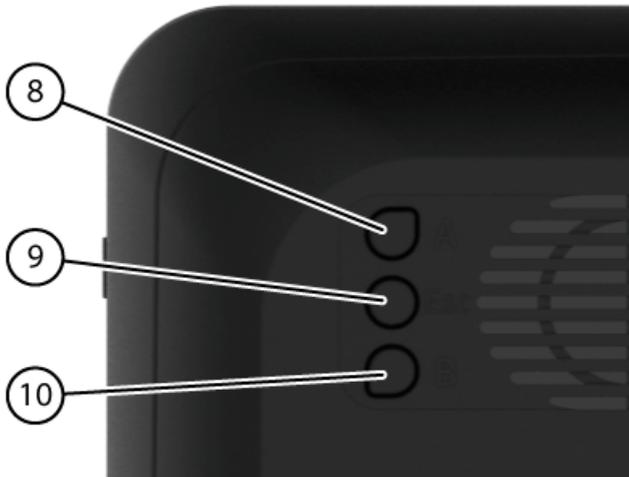
Resetting the Mobi on page 31

F Settings

1 Setting the rear buttons

There is the option to assign certain functions to the top and bottom rear buttons. With a single click on one of these buttons a program can be launched, a macro run, a key stroke transmitted, the Windows system volume increased or decreased, a Wave file played and commands can be sent to DocReader or to Skippy. You can assign 2 functions to each button. You can execute a function when you press the button briefly (less than 1.5 seconds) and you can execute a function when you press the button for a long time (at least 1.5 seconds).

The middle button can be used for a right mouse click (short) and an Escape (long). The middle button can also be disabled.



1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. From the **Back buttons** drop-down lists **Top: (short)**, **Top: (long)**, **Bottom: (short)**, **Bottom: (long)**, select one of the following options:

Option	Explanation
<None>	No function is assigned to the button.
Send macro	This allows you to run a macro in the active application. Or you can first create a new macro.
Send key	This allows you to send a key to the active application.
Play Wave File	This allows you to play a Wave file. Only WAV files.
Start program	This allows you to run applications. For example: select C:\Windows\System32\calc.exe to launch the calculator
Perform Windows function	From the drop-down list, select one of the following options: <ul style="list-style-type: none"> ▪ Master Volume Up ▪ Master Volume Down
Send command to Mind Express	From the drop-down list, select one of the options for eye control. For example, to calibrate or pause the eye control.
Mind Express: do actions of cell with ID	With this you can execute the actions in the field with the specified ID. To do this, the file with the field concerned must be open in Mind Express.
Send command to DocReader	From the drop-down list, select one of the DocReader commands. For example: Read whole text .
Send command to Skippy	From the drop-down list, select one of the Skippy commands. For example: Select prediction 1 .

 **NOTE**
 Commands can only be sent to DocReader and Skippy if these programs have been installed on the device.

3. From the **Middle:** drop-down list, select one of the following options:

Option	Explanation
Short=rightclick, Long=Escape	<ul style="list-style-type: none"> ▪ Briefly press this button and then select an item on the display. This allows you to simulate a right click.

Option	Explanation
	<ul style="list-style-type: none"> Press and hold (approximately 1.5 seconds) this button to simulate ESC. This will allow you to stop a scanning algorithm in Mind Express for example, or display the menu bar again.
<Disabled>	This button has been disabled, so will not respond.

2 Switching the speakers on or off

When the device is switched on, by default the speakers are on.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- Click on one of the following buttons next to **Speakers**::
 - On**, to switch on the speakers of the Mobi.
 - Off**, to switch off the speakers of the Mobi.
- Click **OK**.

See also

Setting the speaker volume on page 35

3 Setting the speaker volume

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- Move the **Speaker volume**: slider to change the volume on the device.



NOTE

When the slider is halfway, it corresponds to the maximum Windows volume.



NOTE

The **Speaker volume**: slider of the Mobi is identical to the general volume slider in Mind Express.



CAUTION

Adjust the volume using **Options** instead of using the Windows volume.

- Click **OK**.

See also

Switching the speakers on or off on page 35

4 Switching the headphones on or off

When the device is switched on, by default the sound is sent to the headphones.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- Click on one of the following buttons next to **Headphones**::
 - On**, to send the sound to the headphones.
 - Off**, to NOT send the sound to the headphones.
- Click **OK**.

5 Switching the microphone on or off

When the device is switched on, by default the microphone is off.



NOTE

It is recommended to leave the microphone switched off. In Mind Express, the microphone is automatically switched on and off when you make a recording. Only switch on the microphone if you are using an application that is not a Mind Express application, and which requires a microphone (such as Skype). After using the application, switch off the microphone.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Click on one of the following buttons next to **Microphone**:
 - **On**, to switch on the speakers of the Mobi.
 - **Off**, to switch off the speakers of the Mobi.
3. Click **OK**.

6 Setting the microphone volume

You can use the microphone volume to turn up or turn down the sound recording via the microphone. This can be necessary when recording in Mind Express or when using an application such as Skype.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Move the **Microphone volume**: slider.
3. Click **OK**.

7 Starting up the Mobi using a switch

The Mobi can be started up using switch 1. You can specify how long to hold and press switch 1 before Mobi starts up.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select one of the following options from the **Switches** options group, **Switch 1 starts device**: drop-down list:
 - **<Don't start>**, the device cannot be started up using a switch.
 - **Immediately**, the device starts up immediately after pressing switch 1.
 - **After 1 sec**, the device starts up after holding and pressing switch 1 for 1 second.
 - **After 2 sec**, the device starts up after holding and pressing switch 1 for 2 seconds.
 - ...
 - **After 9 sec**, the device starts up after holding and pressing switch 1 for 9 seconds.
3. Click **OK**.

See also

- Setting up the switches on page 36
- Testing the switches on page 38

8 Setting up the switches

You can link an action to the switches. The action is then performed by pressing the switch. For example: left click, right click, send letter or number, ...

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select one of the following options from the **Switches** options group, **Switch 1**: drop-down list:
 - **<Normal>**, the switch performs the function that has been specified in Mind Express.
 - **Leftclick**, the switch performs a left click action.
 - **Rightclick**, the switch performs a right click action.
 - A keyboard key (alphanumeric keys, navigation keys, numeric keys and function keys), the switch performs the action of pressing a key.
3. Repeat step 2 to set up **Switch 2**.
4. Click **OK**.

See also

- Starting up the Mobi using a switch on page 36
- Testing the switches on page 38

9 Putting the device into flight mode

Flight mode is a setting that allows you to simultaneously disable the wireless Internet connection (WiFi), Bluetooth and the mobile phone function on your device. Typically you would be requested to disable these mobile connections on a flight. You can continue to use the applications on your device that do not require a mobile connection.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select the **Flight mode** option.
3. Click **OK**.

See also

Enabling wireless Internet on page 37
Enabling Bluetooth on page 37
Enabling a mobile phone on page 37

10 Enabling wireless Internet

To be able to use a WiFi connection, wireless Internet (WLAN) must be enabled on the device.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select the **Wlan** option.
The icon in the system tray will change to . You can now connect to a WiFi network.
3. Click **OK**.

See also

Putting the device into flight mode on page 37
Enabling Bluetooth on page 37
Enabling a mobile phone on page 37

11 Enabling Bluetooth

To connect to the **Eddy** or to an external mobile phone, you will need to enable Bluetooth.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select the **Bluetooth** option.
3. Click **OK**.

See also

Putting the device into flight mode on page 37
Enabling wireless Internet on page 37
Enabling a mobile phone on page 37

12 Enabling a mobile phone

The Mobi can be supplied with an optional data module with SIM card for making calls and sending text messages. To make calls and send text messages, the mobile phone function must be enabled.

1. Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
2. Select the **Mobile phone** option.
3. Click **OK**.

See also

Putting the device into flight mode on page 37
Enabling wireless Internet on page 37

Enabling Bluetooth on page 37

13 Automatically disabling the USB ports in sleep mode

To prevent peripherals also using a lot of power in sleep mode, you can automatically disable the USB ports when the device goes, or is switched, to sleep mode.



NOTE

It is recommended not to automatically disable the USB ports in sleep mode! For example, with eye control.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- Select the **Disable USB ports (back) during Standby** option.
- Click **OK**.

See also

Putting the Mobi in sleep mode on page 29

Waking the Mobi from sleep mode on page 30

Disabling sleep mode on page 38

14 Disabling sleep mode

It is recommended to disable sleep mode by using eye control, as the device can not be woken from sleep without some physical action (pressing the button, tapping the screen).

- Click on **Start**  and then choose **Control Panel > Power Options**.
- Choose on the left **Change when the computer sleeps**.
- From the **Put the computer to sleep:** drop-down list, choose **Never**.

See also

Putting the Mobi in sleep mode on page 29

Waking the Mobi from sleep mode on page 30

Automatically disabling the USB ports in sleep mode on page 38

15 Testing the switches

You can carry out a test to check whether the switches have been connected correctly and are working properly.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.

- Press switch 1.
If operating correctly, the light in the left circle will be green.



- Press switch 2.
If operating correctly, the light in the right circle will be green.



- Click **OK**.

See also

Starting up the Mobi using a switch on page 36

Setting up the switches on page 36

16 Setting the language of the Mobi menu

- Right-click  in the system tray and select **Choose language** from the shortcut menu.
- Select the desired language.

See also

Shutting down the Mobi menu on page 39

Activating the Mobi menu on page 39

Show or hide Mobi icons in the system tray on page 39

17 Shutting down the Mobi menu

This is used to shut down the Mobi functions. You can continue using the Mobi as an ordinary computer.

1. Right-click  in the system tray and select **Close** from the shortcut menu.
2. Confirm in the **Mobi3** dialog.

See also

Setting the language of the Mobi menu on page 38

Activating the Mobi menu on page 39

Show or hide Mobi icons in the system tray on page 39

18 Activating the Mobi menu

To be able to use the Mobi functions, the Mobi menu must be activated.

1. Open Explorer.
2. Go to `C:\Program Files (x86)\Mobi 3`.
3. Double-click the file **Mobi3**.
The **Power status** dialog opens and  appears in the system tray.
4. In the **Power status** dialog, click **OK**.

See also

Setting the language of the Mobi menu on page 38

Shutting down the Mobi menu on page 39

Show or hide Mobi icons in the system tray on page 39

19 Show or hide Mobi icons in the system tray

The Mobi functions can be enabled without showing the ,  or  icons in the system tray. You can choose to permanently show or hide the icons in the system tray.

1. Right-click on the date and time in the system tray and select **Customize Notification Icons**.
2. Click **Select which icons appear on the taskbar**. Move the slider next to the icon to **On** or **Off**.



NOTE

To display the icons in the system tray, click  in the system tray.

See also

Setting the language of the Mobi menu on page 38

Shutting down the Mobi menu on page 39

Activating the Mobi menu on page 39

20 The battery alarm settings

Two alarms can be set to display a message when the remaining battery capacity falls below a preset value. The first alarm can be set to display a message for low battery capacity, and the second alarm can be used to display a message for very low battery capacity.

1. Do one of the following:
 - Double-click  in the system tray.
 - Right-click  in the system tray and select **Open power meter** from the shortcut menu.
2. As necessary, select **Activate low battery alarm when power level reaches:** and change the slider to the desired percentage for an alarm (between 3% and 60%).
3. As necessary, select **Activate critical battery alarm when power level reaches:** and change the slider to the desired percentage for an alarm (between 3% and 30%).
4. Click **OK**.

See also

Charging the Mobi on page 19

Viewing the power status on page 20

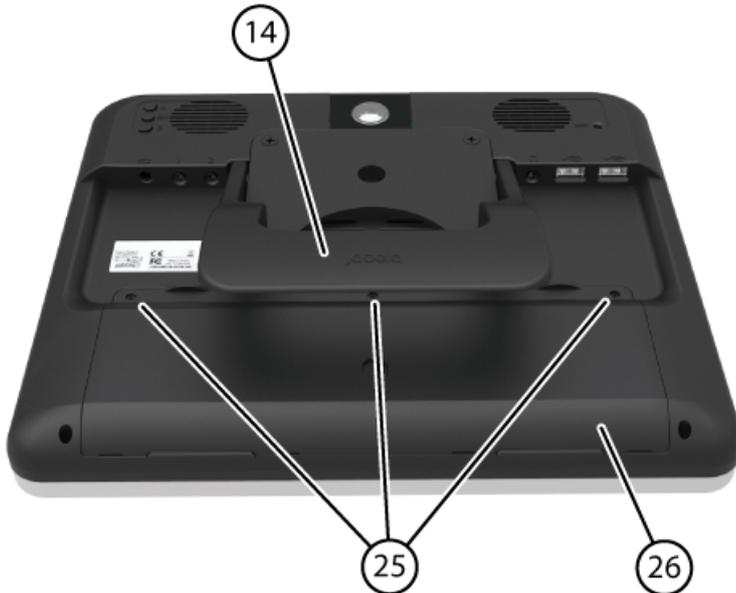
Replacing the battery on page 43

Showing the battery info on page 45

21 Inserting a SIM card (optional)

With the Mobi it is possible to make calls and send text messages via an external telephone. To use this function, a SIM card must be inserted into the device.

1. Shut down the Mobi. See [Shutting down the Mobi](#) on page 32
2. Remove the Mobi from its mounting.
3. Use a cloth to place the Mobi on, with the screen facing down on the cloth.



4. Fold open the tray stand (14).



CAUTION
Never loosen the screws of the tray stand!

5. Loosen the screws (25) and remove the cover (26).



6. Remove the battery (27) from the device.
7. Place the SIM card (29) in the SIM card slot (28) of the device.



8. Replace the battery (27).
9. Refit the cover (26) and secure it with the screws (25).
10. As required, re-attach the Mobi to the mounting.
11. Launch the Mobi.

G Maintenance and troubleshooting

1 Maintenance

1.1 Repairs

In the event of damage to the device, please contact the distributor of the device.

Do not attempt to carry out any repairs yourself. This could damage the device and invalidate your warranty.

1.2 Cleaning the device

Clean the device regularly so you do not give bacteria the chance to spread.

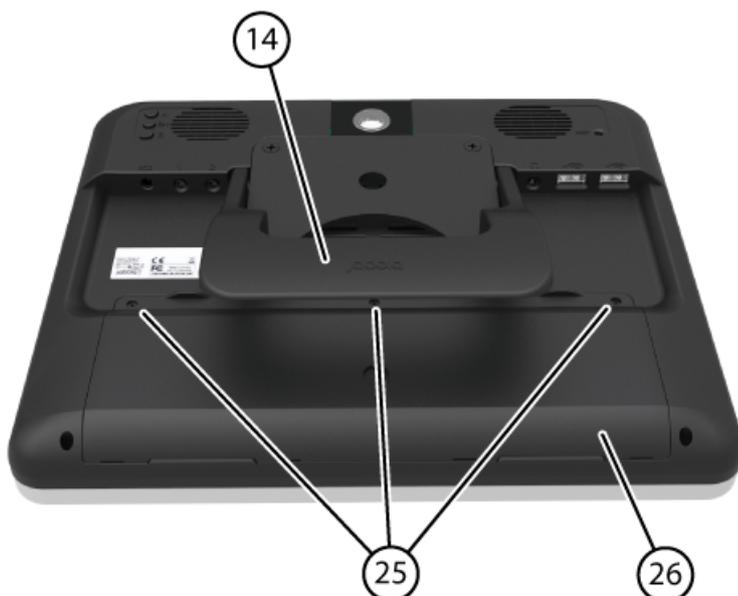
It is best to remove dust with a dry, soft cloth. For minor stains on the casing, use a damp cloth. Make sure no moisture can enter through the speaker openings, the microphone opening or the connectors. Any dirt near the connectors can be removed with a cotton bud.

To clean the touch screen, use a dry cloth; do not use kitchen paper as this may cause tiny scratches. To remove grease or stains from the screen, it is recommended that you use cleaning agents specifically designed for cleaning screens (aerosol or wipes). Do not press too hard on the screen when cleaning.

It is best to clean the carry case with a dry or slightly damp cloth. The carry case can also be cleaned with a soft brush.

1.3 Replacing the battery

1. Shut down the device. See [Shutting down the Mobi](#) on page 32.
Ensure that the device is disconnected from the power supply.
2. As required, remove the device from its mounting.
3. Use a cloth to place the device on, with the screen facing down on the cloth.



4. Fold open the tray stand (14).



CAUTION

Never loosen the screws of the tray stand!

5. Loosen the screws (25) and remove the cover (26).



6. Remove the battery (27) from the device.



NOTE
Dispose of the battery in accordance with the applicable local regulations.

7. Place the new battery in the device.
You can use a standard battery or a high capacity battery. There is a different battery cover for each of these batteries. The standard battery cover has a number of vertical ribs to ensure the battery is kept in the right position.
8. Refit the cover (26) and secure it with the screws (25).
9. As required, re-attach the device to the mounting.
10. Switch the device on. See [Switching on the Mobi](#) on page 19.

See also

- Charging the Mobi on page 19
- Viewing the power status on page 20
- The battery alarm settings on page 39
- Showing the battery info on page 45

2 Troubleshooting

2.1 Finding the serial number of the Mobi

In your dealings with the support department, you will be asked to supply the serial number of your device.

You will find the label with the serial number of the device on the rear panel.
TM3 1005



See also

- Finding the Mobi menu version on page 44
- Finding the PIC version on page 45

2.2 Finding the Mobi menu version

In your dealings with the support department, you will be asked to supply the Mobi menu version of your device.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- At the bottom left, next to **Version device**: you can find the version number of the Mobi menu.
3.0.0.70

See also

Finding the serial number of the Mobi on page 44

Finding the PIC version on page 45

2.3 Finding the PIC version

Your device is equipped with a PIC, which is a small electronic component. In your dealings with the support department, you will be asked to supply the PIC version of your device.

- Do one of the following:
 - Double-click on  in the system tray.
 - Right-click on  in the system tray and choose **Options** in the shortcut menu.
- At the bottom left, next to **Version PIC**: you will find the PIC version number (or the electronic component).
71

See also

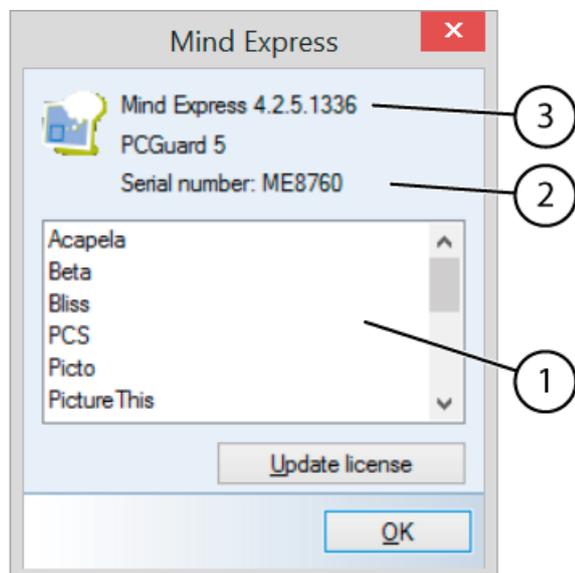
Finding the serial number of the Mobi on page 44

Finding the Mobi menu version on page 44

2.4 Checking the version and serial number of Mind Express

In your dealings with the support department, you will be asked to supply the version and/or serial number of Mind Express on your device.

Choose **Help > License Info...**



The **Mind Express** dialog shows the version number (3) and the Mind Express serial number (2).

2.5 Showing the battery info

In your dealings with the support department, you will be asked to supply the battery info on your device.

Right-click  in the system tray and select **Battery info** from the shortcut menu.

The **Mobi3** dialog is displayed with the battery information.

See also

Charging the Mobi on page 19

Viewing the power status on page 20

The battery alarm settings on page 39

Replacing the battery on page 43

2.6 Troubleshooting

Problem	Solution
The touch screen is slow or is not working properly.	<ul style="list-style-type: none"> ▪ Restart the device to correct any software errors. ▪ Clean the screen. See Cleaning the device on page 43.
The device is not responding.	Reset the device. See Resetting the Mobi on page 31.
The device is becoming hot.	During long and intensive use of the device, it can become hot. This is normal and has no effect on the life or performance of the device.
No Bluetooth devices found.	<ul style="list-style-type: none"> ▪ Make sure Bluetooth is enabled on the device you want to connect to. ▪ Make sure your device and the other device is within the maximum range of 10 meters. ▪ If necessary, remove any objects between the device and the other device. ▪ The device may not be compatible with your device.
The device cannot be switched on. The on/off indicator flashes 4 times in quick succession	The battery has insufficient charge for starting the device. Connect the power supply and switch the device on.
The battery does not charge properly.	If the battery can no longer be fully charged, please contact the support department of the distributor where you purchased the device.

H Decommissioning and disposal

1 Decommissioning

1. Shut down the Mobi. See [Shutting down the Mobi](#) on page 32
2. Remove the Mobi from its mounting.
3. Remove the Mobi from the carry case.
4. If required according to the applicable local regulations, proceed as follows:
 - Remove the battery.
 - Remove the SIM card.
 - Remove the charger.

2 Disposal

At the end of its service life the device must be disassembled in an environmentally friendly manner and disposed of. Follow the applicable local regulations for this.

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