

wie das Signal wieder korrekt zusammengesetzt werden muss. Daher wird dieses Verfahren z.B. auch bei Bluetooth oder im militärischen Bereich verwendet.

- Die Funkübertragung ist deutlich weniger anfällig für Störsignale. Das liegt daran, dass eine bestimmte Trägerfrequenz

immer nur sehr kurz benutzt wird, bevor auf eine andere umgeschaltet wird. Treten nun auf einer bestimmten Frequenz Störungen auf, sind immer nur kleine Datenpakete davon betroffen. Diese Störungen lassen sich durch entsprechende Fehlerkorrekturverfahren aber beseitigen.

## 10. Entsorgung

### 10.1 Gerät



Das Symbol der durchgestrichenen Abfalltonne auf Rädern bedeutet, dass das Produkt in der Europäischen Union einer getrennten Müllsammlung zugeführt werden muss. Dies gilt für das Produkt und alle mit diesem Symbol gekennzeichneten Zubehörteile. Gekennzeichnete Produkte dürfen nicht über den normalen Hausmüll entsorgt werden, sondern müssen an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten abgegeben werden. Recycling hilft, den Verbrauch von Rohstoffen zu reduzieren und die Umwelt zu entlasten.

### 10.2 Verpackung

Wenn Sie die Verpackung entsorgen möchten, achten Sie auf die entsprechenden Umweltvorschriften in Ihrem Land. Entsorgen Sie die Verpackung in Deutschland über eine Sammlung des Dualen Systems (Grüner Punkt).

### 10.3 Akku



Akkus dürfen nicht in den Hausmüll. Verbrauchte Akkus müssen sachgerecht entsorgt werden. Zu diesem Zweck stehen im batterievertreibenden Handel sowie bei den kommunalen Sammelstellen entsprechende Behälter zur Akku-Entsorgung bereit. Akkus, die mit den folgenden Buchstaben versehen sind, beinhalten u.a. die Schadstoffe: Cd (Cadmium), Hg (Quecksilber), Pb (Blei).

## 11. Garantie

Neben den Gewährleistungsverpflichtungen des Verkäufers aus dem Kaufvertrag gewähren wir als Hersteller bei sachgemäßer Handhabung des Gerätes und unter Beachtung der Bedienungsanleitung 24 Monate Garantie ab Kauf des Gerätes. Das Kaufdatum und der Gerätetyp sind durch eine Kaufquittung zu belegen.

Die gesetzlichen Rechte des Käufers werden durch diese Herstellergarantie nicht eingeschränkt.

Wir verpflichten uns, innerhalb der Garantiezeit alle Mängel zu beseitigen, die auf Material- oder Herstellungsfehlern beruhen. Verschleißteile sind von der Garantie ausgenommen.

Geringfügige Abweichungen von der Soll-Beschaffenheit, die für Wert und Gebrauchstauglichkeit des Gerätes unerheblich sind, lösen die Garantiepflicht nicht aus. Ebenso kann keine Garantie übernommen werden, wenn die Mängel am Gerät auf Transportschäden, die nicht von uns zu vertreten sind, auf Fehlgebrauch oder mangelnde Pflege zurückzuführen sind oder

wenn am Gerät Eingriffe von Personen vorgenommen werden, die hierfür von uns nicht ermächtigt sind.

Die Garantieleistung erfolgt nach unserer Wahl durch Reparatur, Austausch von Teilen oder Austausch des Gerätes. Die Ausführung von Garantieleistungen bewirkt weder eine Verlängerung noch einen Neubeginn der Garantiezeit. Die Garantiefrist für eingebaute Ersatzteile endet mit der Garantiefrist für das ganze Gerät.

Weitergehende oder andere Ansprüche, insbesondere solche auf Ersatz außerhalb des Gerätes entstandener Schäden sind - soweit eine Haftung nicht zwingend gesetzlich angeordnet ist - ausgeschlossen.

Transportkosten und -risiken werden von uns nicht übernommen.

Die Einsendung eines Gerätes ohne Nachweis des Kaufdatums wird als Reparaturfall behandelt. Eine Reparatur des Gerätes erfolgt erst nach Rücksprache mit dem Kunden.

Für eventuelle Rückfragen bewahren Sie bitte Anschrift und Artikel-Nummer auf.

Diese Garantiebedingungen gelten für in Deutschland gekaufte Geräte.

Für nicht in Deutschland gekaufte Geräte kommen die für das jeweilige Land geltenden Garantiebedingungen zur Anwendung.

MAPA GmbH, Industriestraße 21-25,  
27404 Zeven, Germany

## 11.1 Service-Center NUK

Die Service-Adressen zu Fragen der Garantie oder bei allgemeinen Fragen zur Marke NUK finden Sie in „Contact addresses NUK“ auf Seite 233.

## 11.2 Service-Center Babyphone

Bei Fragen zu Ihrem Babyphone kontaktieren Sie bitte unsere Experten für Babyphone. Die Produkt-Hotline finden Sie unter „Produktservice Babyphone in Europa“ auf Seite 234, oder kontaktieren Sie uns über unsere Webseite [www.nuk-service.com](http://www.nuk-service.com).

Artikel-Nr. EU: 10.256.441

Artikel-Nr. UK: 10.749.102

## 11.3 Lieferant

Bitte beachten Sie, dass diese Anschrift **keine Serviceanschrift** ist. Kontaktieren Sie bei Problemen und Fragen zum Produkt das unter 11.2 genannte Service-Center.

MAPA GmbH

Industriestraße 21-25

27404 Zeven

Germany

[www.nuk.com](http://www.nuk.com)

## 12. Konformitätserklärung

Das Gerät erfüllt alle anwendbaren europäischen Richtlinien sowie deren nationalen Umsetzungen. Diese sind aus der EU-Konformitätserklärung ersichtlich, die beim Hersteller angefordert werden kann.

Die Konformitätserklärung finden Sie neben der Bedienungsanleitung im Verkaufskarton oder auch unter [www.nuk.de](http://www.nuk.de).

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## 1. Description of device

### 1.1 Proper use

Our Eco Control Video Display 550VD baby monitor provides video and audio transmission to help you watch over your baby or toddler from outside the room they are in. Of course, you can also use it to monitor elderly members of your household, if necessary.

This device is intended only for dry environments. It is not suitable for use in wetrooms or outdoors in wet weather.

This device is intended for use in private households. It is not intended for commercial use.

This device is intended as a supplementary aid. It is in no way a substitute for the physical presence and attention of parents, babysitters or caregivers.

### 1.2 Description of function

The baby unit with the camera **1** is set up in the room you wish to monitor. It can transmit images and sounds.

The baby unit comes equipped with infrared lights which illuminate objects within 2 metres of the camera when the room is dark. The infrared light used is practically invisible to the human eye, so your baby will not be disturbed or woken up by it.

The noise detector activates the baby unit, which transmits the signals to the parent unit **17**.

The parent unit **17** has a built-in rechargeable battery so that you can always set it up where you can see it. The battery is recharged using the supplied mains adapter.

The limiting distance between baby and parent unit is about 40 m indoors and up to 250 m outdoors (in open country). The babyphone's reception will vary depending on its surroundings. Thick walls or metal can reduce the range.

The babyphone has an Eco-Mode, in which the transmitter (baby unit) automatically switches to standby as soon as your baby is sleeping peacefully. Depending on the sensitivity setting, it will not switch back on until your baby begins making a noise or starts to cry.

If you want to hear everything that goes on in your baby's room, you can set the sensitivity level at which audio signal transmission is triggered to maximum (level 5, see "6.8 Setting the VOX sensitivity level" on page 62) in the **VOX** menu. At this level, the baby unit will transmit continuously.

If you do not want to hear any sounds at all you can use the Vol - **34** button to set the volume of the parent unit to mute. In this case **only** the LED display **22** and the video transmission on the screen will show you if your baby is making a noise.

If Eco-Mode is active, the display will also switch on and video transmission will resume. Alternatively, you can use the vibrating alarm to alert you (see "6.12 Vibrating alarm" on page 70).

Activating Eco-Mode minimises the high-frequency radiation in the children's room. In this mode the baby unit merely sends a brief signal to the parent unit every 30 seconds to test the connection. If the parent unit is out of range, the parents will be alerted by a beep.

You will find more information about Eco-Mode in "4.5 Eco-Mode and Full-Eco-Control" on page 52.

## 1.3 Approval

The baby monitor operates at a frequency of 2.4 GHz. This device may be used in all EU countries. In Russia and Ukraine you should comply with the specific national restrictions.

## 1.4 Contents of package

- Baby monitor:
  - 1 baby unit (for the nursery)
  - 1 mains adapter for the baby unit
  - 1 parent unit
  - 1 mains adapter for the parent unit
  - Screws for wall-mounting the baby unit
  - 1 3.7 V LiPo battery, 1260 mAh
- 1 User Manual

# 2. Safety information

## 2.1 General information

- Please read these operating instructions carefully before using the device. These instructions form part of the device and must be kept to hand at all times.
- The device should only be used for the intended purpose, as described (see "1.1 Proper use" on page 42).
- Use only accessories supplied with the device or expressly permitted in these instructions.
- Each time you use the device, first check that it is working properly. As well as checking the range and the connection, we recommend always checking that the device is audible when in use.
- These devices may be used only for the transmission of sound within your personal environment. Everybody in a room that could be overheard must be informed that you are using the device.
- Please note that transmission will always depend on the surroundings. Electronic

devices, insulation, walls, moisture or trees can seriously interfere with reception.

## 2.2 Protection against electric shock



**Warning!** The following safety instructions are intended to protect you from electric shock.

- Do not attempt to repair the device yourself. The device may be opened only by qualified technicians.
- The device must not be used if it is damaged.
- If you are travelling, please always make sure that the available voltage matches that given in the technical data.

## 2.3 For your child's safety



**Warning!** Children cannot recognise the dangers associated with using such devices. They should therefore be kept away from them.

- Make sure that the unit and its accessories are always kept out of baby's reach. The unit and its accessories should always be at least 1 m away.
- Children are often poor judges of hazard and are liable to injure themselves. You should therefore note:
  - This device is not designed to be used by people (including children) with physical, sensory or mental disabilities or with insufficient experience and/or knowledge, unless a person responsible for their safety is supervising them or instructing them on how to use the device.
  - Children should be supervised to ensure that they cannot play with the device.
  - Make sure that the plastic packaging does not become a lethal trap for children. There is a risk of suffocation. Plastic packaging is not a toy.
  - To avoid the possibility of strangulation, the power cable must always be out of baby's reach.
- Use the unit only to give you additional safety. It can never serve as a substitute for a human carer.

## 2.4 Protection from injury



**Warning!** Follow the instructions below to prevent injuries.

- Make sure the power supply cable is tucked away neatly to prevent anyone from tripping over it.

## 2.5 Damage to the product

**Caution!** To prevent damaging the product, follow the instructions below.

- Do not expose the device to direct sunlight or extreme heat as UV rays and overheating may make the plastic brittle and the electronics could be damaged.
- The baby monitor should not be placed near to a source of heat and the device

should also not be covered, to prevent it overheating.

- Never use the baby monitor in damp or wet surroundings.
- Never use the baby monitor in dusty surroundings. This could shorten the life of the device.
- Never use sharp or abrasive cleaning agents as these could damage your device.
- While the devices are not in use, always switch them off with the On/Off button **10** on the baby unit **1** and the On/Off button **32** on the parent unit **17**.

## 2.6 Using LiPo rechargeable batteries



### **Warning!**

To avoid potential hazards that could cause injuries or damage the equipment, always note the following:

- Avoid short circuits.

The battery poles should never be allowed to come into contact with any metal objects, as this could cause a short circuit. A short circuit can cause the battery to overheat, in which case it could leak electrolyte and possibly cause an explosion or fire.

If electrolyte does leak out, avoid any contact with skin, eyes and mucous membranes in order to prevent injuries. In the event of any contact with the electrolyte, rinse the affected areas with plenty of clean fresh water and immediately seek medical attention.

- To avoid the risk of explosion, normal batteries should not be recharged, heated up or disposed of by incineration.
- Never try to open the battery, bend the contacts or pull them off. Do not throw the battery onto the floor or knock nails into it.

Damaging the battery could cause an internal short circuit, in which case it could leak electrolyte and possibly cause an explosion or fire.



- Use only the supplied mains adapter to charge the battery.  
Using the wrong mains adapter could overcharge it, causing it to overheat and explode.
- LiPo batteries must be charged or stored only on heatproof, non-combustible surfaces.
- LiPo batteries must be charged only under supervision so that you can intervene in good time in the event of a failure.
- LiPo batteries contain toxic substances. Dispose of used batteries according to instructions given in "10.3 Disposable/rechargeable batteries" on page 75.
- **Caution!** Risk of explosion if battery is replaced by an incorrect type. The built-in battery must only be replaced with an original replacement battery. If the battery is defective, please contact our product support team (see "Product service babyphone in Europe" on page 234).

### 3. Components of the baby monitor

#### 1 Baby unit

2 Microphone

3 Camera

4 Light sensor

5 Nightlight

6 Infrared LEDs

7 VOX LED

- green light if there is a connection to the parent unit;
- goes out if the connection to the parent unit is interrupted, the device is switched off or is in Eco-Mode.

8 Power LED

- green light when the baby unit is switched on

9 Recessed button for activating the connection link signal

10 On/Off button:

- short press: switch on
- long press: switch off

11 +/- volume buttons

12 Button **Lullabies on/off**

- short press: switch lullabies on and off
- long press: select the next song

13 Button **Nightlight on/off**

- switch nightlight on and off

14 Speaker

15 Temperature sensor (inside the base of the housing, not visible)

16 Mains adapter jack

#### 17 Parent unit

18 Speaker

19 Screen

20 Connection indicator

- green light: there is a connection between the two units;
- flashes green: there is a connection, Eco-Mode is active and your baby is asleep;
- red light: there is no connection between the two units.

21 Power supply indicator **POWER**

- green light: the device is switched on and the battery is fully charged;
- flashes green: the battery is being charged;
- red light and beep: empty battery warning. The parent unit will switch off automatically within a very short time.

22 LED information

- indicate the noise level in the child's room. The more LEDs light up, the louder the sounds.

23 Microphone

24 Left arrow button

- in menus: navigate left
- in zoom mode: scroll image left



- 25 ZOOM** button/Up arrow button
- short press in menus: **ZOOM** navigate up
  - long press: activate zoom
  - short press in zoom mode: scroll image up
- 26 OK** button
- select menus, set/confirm functions, or exit menu
- 27 Right arrow** button
- in menus: navigate right
  - in zoom mode: scroll image right
- 28 TALK** button/Down arrow button:
- short press in menus: navigate down
  - short press in zoom mode: scroll image down
  - long press: activate or deactivate "talk-back" function



- 29** Mains adapter jack
- 30** Antenna (can be folded out vertically)
- 31** Battery cover
- 32** On/Off button
- short press: switch screen on and off
  - long press: switch parent unit on and off
- 33 VOL +** button:
- increase volume
- 34 VOL -** button:
- reduce volume
  - switches to mute on the lowest setting. Sounds are then indicated only by the LEDs **22** on the screen.

### 3.1 Overview of baby unit indicators









Baby unit		
Light	Display	Meaning
VOX LED 7	green	Link ok (non Eco-Mode)
	off	Link ok (Eco-Mode)
		Link not ok
Power-LED 8	green	Baby unit is switched on
	off	Baby unit is switched off












## 3.2 Overview of parent unit indicators




Parent unit		
Light	Display	Meaning
Connection indicator <b>20</b>	green	Link ok (non Eco-Mode)
	green blinking	Link ok (Eco-Mode)
	red blinking 1 beep every 30 s	Link not ok
Power-LED <b>21</b>	green	The parent unit is switched on and the battery is fully charged
	red 1 beep every 60 s	Low battery warning. The parent unit will switch off automatically within a very short time.
	green blinking	Charge battery indicator
Indicator LEDs <b>22</b>	1 - 5 LEDs	Visual baby sound indication. The more LEDs are lit, the higher is the noise level in the nursery.










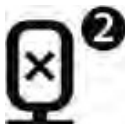

## 3.3 Overview of status bar indicators

Status line at top of screen	
Symbol	Significance
	Received signal strength. The more bars you can see, the better the connection between the parent unit and the baby unit is. If the symbol is flashing and only shows one bar, this indicates a bad connection.
	Device is in Eco-Mode and baby is asleep. The screen shows no video transmission.
	Active camera.
	Device is in patrol mode
	Nightlight is on.
	Nightlight is on with activated timer. When the set time has elapsed, the symbol will automatically disappear and the nightlight of the baby unit will switch off.
	Reminder function is active. A few minutes before the set time has elapsed, the symbol will start to flash. If this alarm is not acknowledged, a new message will appear in the middle of the screen when the time has elapsed. You will also hear a beep.
	Parent unit is connected to mains power, but no battery is inserted.

Status line at top of screen	
Symbol	Significance
	Parent unit is switched to mute.
	Zoom function is active.
	Temperature alarm function is active.
	Active lullaby.
	Shows which lullaby is set and that the timer is also active.
	Loop mode active for lullabies.
	Shuffle mode active for lullabies.
	Vibrating alarm is active.
<b>22,5°C</b>	Current temperature in baby's room.
	Charging state of battery.
	Red and flashing: empty battery. The parent unit will switch off automatically within a very short time. A warning appears in the middle of the screen. You will also hear a beep.

### 3.4 Overview of indicators on the screen

Shown in main area of screen	
Symbol	Significance
	Temperature below set temperature limit. You will also hear a beep.
	Temperature above set temperature limit. You will also hear a beep.
	Low battery. The parent unit will switch off automatically within a very short time. You will also hear a beep.

Shown in main area of screen	
Symbol	Significance
	Parent unit connecting with baby unit.
	Parent unit unable to connect with baby unit. You will also hear a beep.
	The more bars you can see, the higher the volume.
	Parent unit switched to mute and vibrating alarm automatically activated. Symbol disappears after a few seconds and mute state is permanently shown in the status bar instead.
	Talk-back function is active and you can talk to your baby.
	Set time for reminder function has elapsed. You will also hear a beep.
	Hourglass symbol indicates action in progress.
	Indicates action has been completed successfully.
	Warning symbol, indicates action has failed to complete or execute successfully.
	Shows camera to be deleted (in this case camera 2). This function must be acknowledged (yes/no).
	Shows you wish to add a camera. This function must be acknowledged (yes/no).

## 4. Starting the device

**Note:** Always connect the cables before inserting the mains adapter into the socket.

Always follow steps 1 to 5 in "4.1 Connecting the parent unit" in that order.

### 4.1 Connecting the parent unit

The parent unit can be powered by the LiPo battery included in the delivery or via the mains adapter. The battery can be charged with the aid of the mains adapter included in the delivery.

**Caution!** To avoid a possible malfunction, always insert the battery into the parent unit before connecting the mains adapter.

1. Remove the battery cover **31** on the back of the parent unit **17**, by sliding it downwards.
2. Insert the battery included in the delivery package into the battery compartment. The battery will fit only one way.
3. Slide the battery cover **31** back onto the parent unit **17**.
4. Insert the small plug of the mains adapter into the mains adapter socket **29** of the parent unit.
5. Insert the plug into a power socket that matches the rating given in the technical data (see "9. Technical data" on page 74).



The parent unit will automatically switch itself on and begin charging the battery.

The battery will be charged and LED **21** will start flashing.

**Attention! Allow the battery to charge for 10 hours without interruption before using the device for the first time**, to activate the full battery capacity. LED **21** flashes green during this time.

Subsequently, charging the battery will take no more than **about 6 hours**, and you can also charge the battery during operation.

**Note:** Battery power is permanently shown in the status bar:

- Low battery power is shown in the status bar. 
- If battery power is very low, the symbol starts flashing red. In addition, LED **21** lights up red and a warning appears on the screen accompanied by a beep, to inform you that the parent unit will switch off within a very short time.
- LED **21** flashes green when the parent unit is connected to mains power.
- If the parent unit is run in mains power without the battery being inserted, the status line will show the symbol of a power plug instead of the battery symbol. 

### 4.2 Connecting the baby unit

The baby unit automatically switches itself on when it receives a fresh power signal over the mains. This prevents the baby unit from staying switched off when power is restored after a short power failure.

**Note:** Don't install the baby unit **1** until the battery of the parent unit **17** is fully charged.

1. Put the baby unit **1** somewhere in the nursery where your baby will not be able to reach it.

An optimal distance between baby and the baby unit is from 1 to 2 m.

Make sure the camera is set up to keep your baby in the picture at all times, even if the zoom function is active (see "6.16 Zoom in / scroll image" on page 72).

**Note:** Since the temperature sensor is inside the baby unit it is important that you do not cover it or place it near any heat source. Direct sunlight may also affect the reading.

2. Insert the mains adapter plug into the socket **16** of the baby unit **1**.
3. Insert the plug into a power socket that matches the rating given in the technical

data (see "9. Technical data" on page 74).

This automatically switches the baby unit on.

**Note:** You can also wall mount the baby unit in a suitable position with the enclosed screws. Make sure you position the screws 45 mm apart for this.

### 4.3 Connecting baby unit and parent unit

Normally, a connection is automatically established between the two units when they are switched on:

1. Make sure that the two units are always within range.
2. To switch the baby unit **1** on, press the On/Off button **10**. To do this, press and hold the On/Off button until the power LED **8** lights up.
3. To switch the parent unit **17** on, press the On/Off button **32** and keep it depressed until the LED **21** lights up green.

You will hear a beep, the "Hello" screen will appear, and the parent unit will begin searching for the connection signal of the baby unit.

While the connection is being set up, the connection indicator **20** will light up red. The screen will remain white and show no video picture.

The corresponding blue symbol will appear on the screen of the parent unit.



As soon as the connection has been established, the connection indicator **20** on the parent unit **17** and the VOX LED **7** on the baby unit **1** will light up green. The connection symbol on the screen disappears, and video transmission starts.

If the connection setup is not successful after 30 seconds the parent unit **17** will emit a beep at regular intervals and the connection indicator **20** will light up red.

The corresponding red symbol will appear on the screen of the parent unit to indicate that the connection could not be set up.



4. First, check to be sure your baby is still comfortable.
5. Then move the parent unit to a different location within the range of the connection signal so that a connection can be set up successfully.

The parent unit and the baby unit will automatically make repeated attempts to connect until successful.

**Note:** If the connection indicator **20** begins to flash green, this means that there is a connection between the parent unit and the baby unit, but your baby is currently asleep and therefore the device has automatically activated Eco-Mode to reduce the high-frequency radio waves in baby's room and save energy.

**Attention!** While Eco-Mode is active, video and sound transmission is paused. The screen will go white and the corresponding symbol in the status bar will show that Eco-Mode is active. The connection between the two units remains established, even while baby is sleeping.



### 4.4 Power supply

#### Baby unit







The power supply for the baby unit **1** works only via the mains adapter. LED **8** lights up green while the baby unit is on.

#### Parent unit

The parent unit **17** can be operated on battery power with no mains connection for up to 8 hours, or via the mains adapter, with or without the battery inserted.

## Indicators

The following information is shown in the status bar of the parent unit:

Battery power	
	Battery is full and LED <b>21</b> is lit up green.
	Battery is half-full and LED <b>21</b> is lit up green.
	Battery is almost empty. Depending on how it is being used, the device will automatically switch off within the next 15-20 minutes. We therefore recommend that you connect the device to mains power in order to recharge the battery. LED <b>21</b> is lit up green.
	Battery symbol flashes red. This means that the battery is empty and the device will switch off within a very short time. LED <b>21</b> flashes and device emits a warning beep every 60 seconds. In addition, a warning appears in the middle of the screen.
 Bars run across the display LED <b>21</b> flashes green: The device is connected to mains power and the battery is being recharged. The animation stops as soon as the battery is fully charged and LED <b>21</b> no longer flashes.	
	Parent unit is connected to mains power, but no battery is inserted. LED <b>21</b> is lit up green.

### Notes:

- Charging the battery for the very first time takes about 10 hours.
- Subsequently recharging the depleted battery takes about 6 hours.

- With a fully charged battery, you can operate the parent unit for up to 8 hours.

The time needed to recharge the battery and the operating time both depend on how heavily the parent unit is used:

- The battery can normally be recharged in about 6 hours, but it will take longer if the device is switched on at the same time.
- Similarly, the operating time of up to 8 hours will be reduced if you use the talk-back function or choose a high volume setting.
- The operating time can be increased, for example, if audio monitoring is activated (see "6.9 Switching between audio and video monitoring" on page 63), if your baby has a particularly restful sleep, or if the "LCD Auto Off" option for the screen is switched on (see "Switching between audio and video monitoring" on page 63).

## 4.5 Eco-Mode and Full-Eco-Control

This baby monitor has an Eco-Mode function that not only saves power but also minimises the high-frequency radio waves in the nursery.

In this mode, there is only limited transmission between the baby unit and the parent unit, although the Full-Eco-Control function ensures that both units remain connected the whole time. If the connection is interrupted in Eco-Mode, this is immediately indicated on the parent unit. The device automatically deactivates Eco-Mode and transmits sound and video again as soon as your baby makes a sound that exceeds your set sound limit (VOX levels 1 - 4).

### Activating Eco-Mode

Eco-Mode can only be activated at VOX levels 1, 2, 3, and 4 (see "6.8 Setting the VOX sensitivity level" on page 62). Eco-Mode is activated automatically as soon as

the device fails to detect a sound from your baby for more than 20 seconds.

**Note:** At VOX level 5, the device is set to continuous transmission. There is no Eco-Mode at this level.

The connection indicator **20** flashes green while Eco-Mode is active.

The screen will be white, as video transmission is deactivated.

The appropriate symbol is shown in the status bar in place of the symbol that indicates the received signal strength.



## Deactivating Eco-Mode

Eco-Mode is deactivated when:

- your baby makes a sound that exceeds your set sound limit (VOX level)
- you increase the VOX level setting to 5 (continuous transmission) (see "6.8 Setting the VOX sensitivity level" on page 62)
- you use the talk-back function (see "6.15 Talk-back function" on page 72)
- you activate the lullabies (see "6.11 Lullabies" on page 67)

**Note:** If VOX level 1 is set and the lullabies are played at the lowest volume setting, Eco-Mode can still be activated, as the lullabies will not exceed the set sound limit.

- you switch the nightlight on (see "5.5 Nightlight" on page 54)

- you briefly press the On/Off button **10**

When Eco-Mode is deactivated:

- the connection indicator **20** will show a steady green light
- video and sound transmission will be active again
- the status bar will show the received signal strength symbol again instead of the Eco-Mode symbol

## Full-Eco-Control

The Full-Eco-Control function maintains the connection between the parent unit and the baby unit at all times, so that sounds, video, and warnings (e.g. temperature alarm) can be transmitted by the baby unit when necessary.

The Full-Eco-Control function guarantees that you and your baby are always connected. Even when ECO mode is activated, the baby unit will perform a link check every 30 seconds to make sure that the parent unit is still nearby and maintain the connection between the two units.

If you are out of range at any time, the parent unit will indicate this by changing the colour of LED **20** to red and beeping.

A red warning symbol will appear on the screen.



**Note:** Check the range of your baby monitor before using it.

# 5. Operating the baby unit

## 5.1 Switching the baby unit on and off

The baby unit **1** will switch on automatically as soon as you have connected the mains adapter and plugged it into the power supply. You can then switch the baby unit off and back on as required.

- To switch the baby unit **1** on or off, press and hold the On/Off button **10** until the power LED **8** lights up or switches off.

## 5.2 Indicator LEDs

- The Power LED **8** lights up green while the baby unit is switched on.
- The VOX LED **7** on the baby unit lights up green when there is an established connection between it and the parent unit.
- The VOX LED **7** will not be lit while the baby unit **1** is switched to Eco-Mode or if it was not possible to set up a connection to the parent unit.



## 5.3 Setting the volume

We recommend switching the lullabies on (see "5.4 Playing the lullabies" on page 54) for setting the volume on the baby unit, as playing them can help you decide which of the five possible volume settings is best suited to your purpose.

1. To activate the lullabies on the baby unit **1**, press the button **Lullabies on/off 12**.

**Note:** The lullabies can also be activated from the parent unit **17** (see "6.11 Lullabies" on page 67).

2. Use the **VOL +/-** buttons **11** to set the volume at which baby will hear the lullabies or your voice.

## 5.4 Playing the lullabies

This NUK babyphone has four especially composed lullabies and soothing natural sounds to help you soothe your baby and lull it to sleep.

1. To activate the lullabies on the baby unit **1**, press the **Lullabies on/off** button **12**.

**Note:** The lullabies can also be activated from the parent unit **17** (see "6.11 Lullabies" on page 67).

2. You can change the current song by holding down the **Lullabies on/off** button **12**. This automatically goes on to the next song.

**Note:** If the timer function has been activated on the parent unit (see "Activating the timer" on page 69), and you change from one lullaby to the next directly on the baby unit, the timer will be restarted. If the timer function has not been activated, the lullaby will continue to be played repeatedly until switched off by you on the parent unit or the baby unit (see "Switching the lullabies off" on page 68).

## 5.5 Nightlight

The baby unit's soft nightlight can help your baby to get its bearings in the dark room, which it may find soothing. The nightlight remains on until it is switched off by you or the timer function (see "6.5 Switching the nightlight on and off" on page 57).

1. You can switch the nightlight on or off on the baby unit by briefly pressing the button **Nightlight on/off 13**.

Or

2. You can switch the nightlight on and off on the parent unit (see "6.5 Switching the nightlight on and off" on page 57).

## 5.6 Registering remote units on the parent unit

The parent unit and the baby unit included in the same delivery package will normally connect automatically once they are switched on.

However, you can operate up to 4 baby units (cameras) connected to the same parent unit. Additional baby units can be obtained from [www.nuk.de](http://www.nuk.de), for example.

To add one or more cameras/baby units, follow the instructions in section "6.7 Adding and selecting a camera, and activating patrol mode" on page 58.

## 5.7 Measuring the room temperature

The baby unit has an integrated temperature sensor which is not visible from the outside. This sensor measures the temperature in around the baby unit, which is displayed and continually updated on the parent monitor.

**Notes:** To avoid affecting the temperature measurement:

- do not cover the baby unit
- do not place the baby unit near a heater or cold surfaces
- do not place the baby unit in direct sunlight.

## 6. How to use the parent unit

### 6.1 Switching the parent unit on and off

1. To switch the parent unit **17** on, press and hold the On/Off button **32** for a few seconds:

- You will hear a beep, the **power LED 21** will light up, and the "Hello" screen will appear.



- If the baby unit is already switched on, the parent unit will try to connect to it.
- As soon as the connection is established, the video transmission will appear on the screen:



- If the connection setup is not successful, e.g. if the parent unit is out of range of the baby unit or the baby unit is not switched on, this is shown on the screen (see "4.3 Connecting baby unit and parent unit" on page 51).
2. To switch the parent unit **17** off, press and hold the On/Off button **32** for a few seconds.  
You will hear a beep and the **power LED 21** and the screen will go dark.



### 6.2 LED information

#### POWER indicator 21

When the parent unit is switched on, this is indicated by LED **21**:

- green light:
  - parent unit is switched on
  - battery is inserted and fully charged
  - parent unit is operated via mains power without battery
- flashes green:
  - battery is inserted and parent unit is connected to mains power. Indicates that the battery is being charged in this case
- red light:
  - low battery level

**Note:** If LED **21** lights up red, connect the parent unit to the mains power supply without delay to prevent it from switching itself off. You will also hear a beep and a warning will appear on the screen.

**Attention!** Please note that the parent unit can switch itself off faster than anticipated, depending on how you use the device. (For example, VOX level 5 uses more power than VOX level 1.)

#### Connection indicator 20

This allows you to check at a glance that your connection is active, even if baby is quiet and sound asleep.

The connection indicator **20** on the parent unit **17** provides the following information on the current status of the connection with the baby unit **1**:

- green light:
  - connection is established
- flashes green:
  - baby unit is in Eco-Mode and baby is sleeping soundly
- red light:
  - connection is interrupted
  - baby unit is switched off

## Notes:

- If the baby unit **1** is in Eco-Mode and the parent unit moves out of range, the connection indicator **20** will light up red. You will also hear a beep every 30 seconds.

A red warning symbol will appear on the screen.



- As soon as the parent unit **17** comes back into range and the reason for the interrupted connection is eliminated, the connection indicator **20** lights up green and the units are able to communicate again.

## Noise level indicators 22


The noise level indicators **22** above the screen, consisting of four green LEDs and one red LED, indicate the level of sound in baby's room. They react differently, according to the set VOX level (sensitivity).

The more LEDs light up, the louder the sounds in baby's room.

**Attention!** The noise level indicators are switched off while the lullabies are playing, because the device cannot distinguish between the lullabies and baby sounds. You will also be able to hear any sounds baby makes in the background while the lullabies are playing (see "6.11 Lullabies" on page 67).

## 6.3 Using the main menu


The main menu at the bottom of the screen allows you to switch the available functions on or off or change settings:



1. The main menu appears when you press the button  **26**.



2. Use the  **24** or  **27** button to select a menu item.





The selected menu item will be shown in red.

3. Press the  button **26** again to open the menu item and view the possible settings or submenus.

4. Use the  **25** or  **28** button to select a setting or a submenu item.


The selected item is marked with a green asterisk.



5. Press the  button **26** to confirm the setting you have selected or open the selected submenu.
6. You can press the  button **27** to exit the current submenu and return to the previous submenu.
7. To close the opened menu:
  - wait 15 seconds without pressing any buttons, or
  - confirm a setting you have selected by pressing the button , or
  - select the **EXIT** option in the main menu and confirm this by pressing the  button **26**.



## 6.4 Screen brightness

You can adjust the screen brightness and the brightness of the video to suit the prevailing light conditions. In very light conditions, you should set a higher screen brightness to improve visibility. In low light, you might feel uncomfortable with too bright a screen. Adjust the screen brightness lower in this case.

1. Press the  button **26**.





The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Brightness** menu.



The selected symbol will be shown in red.

3. Press the  button **26** to view the submenu.
  4. Use the  **25** or  **28** button to select the brightness you require.
- The more bars you can see, the higher the screen brightness. You have a choice of 5 levels.
5. Press the  button **26** to confirm your setting.


The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## 6.5 Switching the nightlight on and off




The nightlight function provides a soft dim light in baby's room.

**Note:** Alternatively, you can switch the nightlight on and off from the baby unit itself (see "5.5 Nightlight" on page 54).

1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.





2. Use the  **24** or  **27** button to select the **Nightlight** menu. 

The selected symbol will be shown in red.

3. Press the  button **26** to view the submenu.

If a setting has already been made, either on the baby unit on the parent unit, the active setting will be shown in green. In addition, all the activated functions are shown in the status bar at the top of the screen.

4. Use the  **25** or  **28** button to move the star in front of the required setting.

**60, 40, 20:** nightlight is on, but will automatically switch off after the set number of minutes.

**ON:** nightlight is permanently on.

**OFF:** nightlight is off.


5. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

If activated, the corresponding symbol will be shown in the status bar (see "3.3 Overview of status bar indicators" on page 47).

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

6. To switch the nightlight off:

- follow steps 1 to 5 described above, select the **OFF** setting, and then press the  button **26**
- alternatively, press the **Nightlight on/off** button **13** on the baby unit.

**Attention!** Please note that you could wake your baby if you activate the night light while your baby is asleep and Eco-Mode is active. Eco-mode is active if:

- LED **20** is flashing
- the corresponding symbol is shown in the status bar (see "3.3 Overview of status bar indicators" on page 47)
- video transmission is deactivated

If you switch the nightlight on regardless, Eco-mode will automatically be deactivated.




## 6.6 Activating the reminder function

The baby monitor has a timer with an alarm function, which can be set to remind you of baby's next feed time or wake-up time.


1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.





2. Use the  **24** or  **27** button to select the **Feed time reminder** menu. 

The selected symbol will be shown in red.

3. Press the  button **26** to view the submenu.

If a setting has already been made, the active setting will be shown in green. In addition, all the activated functions are shown in the status bar at the top of the screen.

4. Use the  **25** or  **28** button to move the star in front of the required setting.

**5H, 4H, 3H, 2H, 1H:** The timer is activated and the alarm will be signalled after the set time.

**OFF:** the reminder function is off.

5. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.


If activated, the corresponding symbol will be shown in the status bar (see "3.3 Overview of status bar indicators" on page 47).

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

When the set number of hours has elapsed, an audible alarm is issued and the corresponding warning symbol appears in the middle of the screen.



6. To switch the alarm off, press any button.
7. To disable the reminder function before the alarm:

– follow steps 1 to 5 described above, select the **OFF** setting, and then press the  button **26**

## 6.7 Adding and selecting a camera, and activating patrol mode

This NUK baby monitor can have up to four baby units (cameras) connected at the same time. This allows you to monitor more than one room, or monitor the same room from different perspectives. You can either switch from one camera to the next yourself, or

activate the patrol mode. Patrol mode automatically switches from one camera to the next every 10 seconds. First, you will need to add the cameras to the parent unit. Additional baby units can be obtained from [www.nuk.de](http://www.nuk.de), for example.


### Adding a camera

To add a camera/baby unit, proceed as follows:

1. First make certain the parent unit is near enough to the new baby unit you wish to add (within range).

Move to a location that you can be confident is within range of the baby unit so that the parent unit can receive the connection link signal and there are no communication problems.

2. Make sure the parent unit and the new baby unit are switched on.

3. Press the  button **26**.




The menu bar with the main menu will appear at the bottom of the screen.



4. Use the  **24** or  **27** button to select the **Camera** menu.






The selected symbol will be shown in red.

5. Press the  button **26** to view the submenu.
6. Use the  **25** or  **28** button to move the star in front of the required setting.

**x** : delete camera

**+** : add camera

7. To add a camera, use the  **25** or  **28** button to select the **Add**  submenu.



8. Press the  button **26** to view the next submenu.


An overview appears showing four camera symbols. The available camera numbers for your new camera are shown in black.

Camera numbers already in use are shown in green.






If you have already added a second camera, you can also select the patrol mode option in this menu.

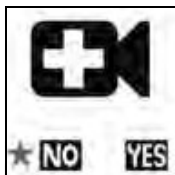
9. Use the  **25** or  **28** button to move the star in front of the available camera number you wish to use for the new camera (black symbol).


At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

10. Press the  button **26** to confirm your selection.

You will be asked to confirm your selection again.

11. Use the  **24** or  **27** button to select "YES" and press the  button **26** to confirm.



The screen of the parent unit will show that the device is ready to set up the connection and is  searching for the connection link signal.

12. Insert a bent paper clip or similar into the button recess and press the recessed button **9** on the baby unit to activate the connection link signal.

The baby unit will then transmit the connection link signal for the parent unit to find.

As soon as the connection with the new camera has been successfully set up, you will hear a beep and the appropriate symbol will appear on the screen.




The menu on the parent unit will be closed and video transmission from the new camera/baby unit will be shown. The new camera/baby unit is displayed in the status bar with a camera symbol and number.

## Notes:

- In order to be able to use the patrol mode (see "Patrol mode" on page 61), at least two baby units/cameras must be connected to the parent unit.
- After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## Connection setup failed

If the connection setup failed, the screen will remain white and a  corresponding warning symbol will appear after a few seconds. You will also hear a beep.

The parent unit will then switch back to the video transmission from the previously active camera/baby unit.

13. Follow steps 1 to 12 described above and try again.

## Deleting a camera

You can operate up to four baby units (cameras) connected to the same parent unit, but only delete three of these. The last connected camera/baby unit remains connected under the same camera number and cannot be deleted.

A camera/baby unit can be deleted even if it is not actively connected to the parent unit at the time.

To delete or remove a camera/baby unit from the parent unit, proceed as follows:

1. Press the  button **26**.



The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Camera** menu. 




The selected symbol will be shown in red.


3. Press the  button **26** to view the submenu.

4. Use the  **25** or  **28** button to move the star in front of the required setting.



x : delete camera


+ : add camera

5. To delete a camera, use the  **25** or  **28** button to select the **Delete camera** submenu. 

6. Press the  button **26** to view the next submenu.




An overview appears showing the registered cameras/baby units.

7. Use the  **25** or  **28** button to move the star in front of the camera you wish to delete.


At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.


8. Press the  button **26** to confirm your selection.

You will be asked to confirm your selection again.

9. Use the  **24** or  **27** button to select "YES" and press the  button **26** to confirm.



The screen of the parent unit will show that the camera is being deleted. 


As soon as the camera has been successfully deleted, you will hear a beep and the appropriate symbol will appear on the screen. 

The menu on the parent unit will be closed and video transmission from the active camera/baby unit will be shown.

If you delete the camera/baby unit that is currently active, the parent unit will show the video transmission from camera/baby unit 1.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## Delete failed

If the camera delete attempt fails, an appropriate warning symbol  appears. You will also hear a beep.

The parent unit will then switch back to the video transmission from the previously active camera/baby unit.

10. Follow steps 1 to 9 described above and try again.




## Manually switching between cameras

If more than one camera/baby unit is registered on the parent unit, you can select one of these cameras for continuous monitoring.

1. Press the  button **26**.




The menu bar with the main menu will appear at the bottom of the screen.




2. Use the  **24** or  **27** button to select the **Camera** menu. 



The selected symbol will be shown in red.


3. Press the  button **26** to view the submenu.

4. Use the  **25** or  **28** button to move the star in front of the "Add camera" setting. 

5. Press the  button **26** to view the next submenu.

An overview appears showing camera symbols. Camera numbers under which a camera/baby unit is registered are shown in green.

6. Use the  **25** or  **28** button to move the star in front of the camera you wish to use for continuous monitoring.

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

7. Press the  button **26** to confirm your selection.



The menu on the parent unit will be closed and video transmission from the selected camera/baby unit will be shown. The number of the active camera/baby unit is displayed in the status bar.

If the connection to the selected camera fails, you will hear a beep and an appropriate warning symbol will appear.



The parent unit will then switch back to the video transmission from the previously active camera/baby unit.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## Patrol mode

This function is particularly useful if you are monitoring more than one child or more than one room, or if you wish to monitor the same room from automatically changing perspectives. At least two baby units/cameras must be connected to the parent unit in order to be able to use this function.

Patrol mode automatically switches from one camera to the next every 10 seconds. Camera-specific settings remain active and can also be changed while patrol mode is on.

To select patrol mode, proceed as follows:

1. Press the  button **26**.





The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Camera** menu.



The selected symbol will be shown in red.



3. Press the  button **26** to view the submenu.
4. Use the  **25** or  **28** button to move the star in front of the "Add camera" setting.
5. Press the  button **26** to view the next submenu.




An overview appears showing camera symbols. Camera numbers under which a camera/baby unit is registered are shown in green.

The patrol mode symbol will only appear if at least two cameras/baby units are connected.



6. Use the  **25** or  **28** button to move the star in front of the patrol mode symbol.



At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

7. Press the  button **26** to confirm your selection.


The menu on the parent unit will be closed and video transmission from the connected cameras/baby units will be shown in sequence. The number of the active camera/baby unit is displayed in the status bar. In addition, the patrol mode symbol will be shown.

In patrol mode, the VOX level is automatically set to 5, i.e., continuous transmission. This means that Eco-Mode is not available in patrol mode (see "6.8 Setting the VOX sensitivity level" on page 62).

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## Deactivating patrol mode

To deactivate patrol mode, follow steps 1 to 5 described above.

6. When you come to step 6, instead of selecting **PM**, select a particular camera/baby unit you wish to use for continuous monitoring.
7. Press the  button **26** to confirm your selection.

The menu on the parent unit will be closed and video transmission from the selected camera/baby unit will be shown. The number of the active camera/baby unit is displayed in the status bar and the **PM** symbol disappears.

### Connection problems in patrol mode

If there is a connection problem with one of the baby units while the parent unit is in patrol mode, you will hear a beep and a corresponding symbol will appear on the screen.



The units will automatically try to reconnect, and will continue to attempt this until the connection is established successfully once more. Once the connection has been reestablished successfully, the device will return directly to monitoring mode.



If the parent unit continues to fail to find a connection signal from the baby unit, the corresponding red warning symbol appears. The connection setup is attempted for one minute, before patrol mode switches to the next camera/baby unit.




If the connection problem recurs the next time the baby unit is accessed in the patrol mode loop, check the connection to this baby unit. This baby unit might need to be re-registered (see "Adding a camera" on page 58).

## 6.8 Setting the VOX sensitivity level





Babies normally make a number of different sounds when awake. These can range from gentle sighs to babbling to loud sounds of distress or demands for attention. The VOX function can be adjusted so that only louder sounds that typically indicate distress or calls for attention are transmitted, while gentler sounds are not.

The VOX function allows you to set the sound sensitivity of the microphone. The higher the VOX level is set, the more sensitively the device reacts to sounds.

1. Press the  button **26**.






The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Settings** menu. 
3. Press the  button **26** to view the submenu.

**VOX:** setting the sound sensitivity level

**Display:** This menu allows you to switch from video monitoring to audio monitoring only, or select the "LCD Auto Off" option for the screen.

4. Use the  **25** or  **28** button to move the star in front of "**VOX**".
5. Press the  button **26** to view the next submenu.
6. Use the  **25** or  **28** button to raise or lower the sensitivity level.

The more bars you can see, the more sensitively the device will react to sounds in baby's room.

You have a choice of 5 levels:


VOX level 1 = very low sensitivity: transmission activated only if baby is very loud


VOX level 2 = low sensitivity: transmission activated if baby cries or calls loudly

VOX level 3 = normal sensitivity: transmission activated if baby cries or calls at a normal volume

VOX level 4 = high sensitivity: transmission activated even by small sounds

VOX level 5 = very high sensitivity: continuous transmission of all sounds. ECO mode is switched off.

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

7. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

**Attention!** The VOX level is independent of the sound volume setting of the parent unit. A higher VOX level does not mean that sounds will be reproduced at a louder volume by the parent unit. A higher VOX level simply means that more sounds will be received by the parent unit.

8. Use the **VOL + 33** and **VOL - 34** buttons on your parent unit to set the volume at which you hear the sound transmissions (see "6.13 Setting the volume" on page 71).


## 6.9 Switching between audio and video monitoring

This baby monitor can be used for video monitoring. During video monitoring, images and sounds are transmitted.

It can also be used for audio monitoring only. In this case, only sounds will be transmitted, and no video images. Audio monitoring without video image transmission uses less power. Reducing the power consumption allows you to use the parent unit longer.

**Attention!** You will **not** be able to switch from video monitoring to audio monitoring while the sound volume of the parent unit is switched to mute (see "6.14 Mute function" on page 71). This prevents you from losing all contact with your baby while using the baby monitor. In this case, increase the sound volume on the parent unit to deactivate the mute function before changing to audio monitoring only.

To switch from video monitoring to audio monitoring, proceed as follows:


1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.






2. Use the  **24** or  **27** button to select the **Settings** menu. 

The selected symbol will be shown in red.

3. Press the  button **26** to view the sub-menu.

**VOX:** setting the sound sensitivity level

**Display:** This menu allows you to switch from video monitoring to audio monitoring only, or select the "Auto Off" option for the screen.

4. Use the  **25** or  **28** button to move the star in front of **Display**.
5. Press the  button **26** to view the next submenu.


**LCD Auto-Off:** Here, you can choose whether you want the screen to remain on permanently or switch itself off after 1 minute or after 5 minutes.

If the screen is switched off in this way, it will switch itself back on when:

- Your baby cries loud enough to exceed your set VOX level;
- You briefly press the on/off button **32**;
- You deactivate the Auto Off function again via the main menu



**VIDEO ON:** The camera is switched on and images and sounds are transmitted.

**VIDEO OFF:** The camera is switched off and only sounds are transmitted.

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

### Switching video monitoring off




Follow steps 1 to 5 described above.

6. To switch video monitoring off and change to audio monitoring only, use the  **25** or  **28** button to move the star in front of "**VIDEO OFF**".

- Press the  button **26** to confirm your setting.

You will be asked to confirm your selection again, to make sure that you really do want to deactivate video monitoring.



- Use the  **24** or  **27** button to select "YES" and press the  button **26** to confirm that you want to deactivate video monitoring.

The menu on the parent unit will be closed and the screen will go white, as video transmission has now been stopped. The status bar with all the other settings you have made will continue to be shown. Audio transmission will continue as normal.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

### Switching video monitoring back on

If you have switched to audio monitoring only and wish to view your baby on the screen again:

Follow steps 1 to 5 described above.

- Select the option **VIDEO ON**.
- Press the  button **26** to confirm your setting.

The screen will now show the video transmission from the active camera once more.

### Switching the screen on and off

Instead of disabling video transmission outright, you can also save power simply by switching the screen off as required.

- To switch the screen off, briefly press the on/off button **32** of the parent unit.
- To switch the screen back on and see the video transmission from the active camera, briefly press the on/off button **32** of the parent unit again.

As soon as baby cries loud enough to exceed your set VOX level (see "6.8 Setting



the VOX sensitivity level" on page 62), the screen will switch back on automatically, even if you have only just switched it off.

### Setting the Auto Off function for the screen

- Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.



- Use the  **24** or  **27** button to select the **Settings** menu.






The selected symbol will be shown in red.

- Press the  button **26** to view the submenu.

**VOX:** setting the sound sensitivity level

**Display:** This menu allows you to switch from video monitoring to audio monitoring only, or select the "Auto Off" option for the screen.

- Use the  **25** or  **28** button to move the star in front of **Display**.
- Press the  button **26** to view the next submenu.


**LCD Auto-Off:** Here, you can choose whether you want the screen to remain on permanently or switch itself off after 1 minute or after 5 minutes.

If the screen is switched off in this way, it will switch itself back on when:

- Your baby cries loud enough to exceed your set VOX level;
- You briefly press the on/off button **32**;
- You deactivate the Auto Off function again via the main menu

**VIDEO ON:** The camera is switched on and images and sounds are transmitted.

**VIDEO OFF:** The camera is switched off and only sounds are transmitted.

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.



6. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of "LCD Auto Off".
7. Press the  $\odot$  button 26 to view the next submenu.

**5 Min:** The screen will switch itself off after 5 minutes.

**1 Min:** The screen will switch itself off after 1 minute.

**OFF:** The screen will remain on.

The active setting will be shown in green.

8. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of the required time.
9. Press the  $\odot$  button 26 to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

**Note:** If Eco-Mode is active while the screen is switched off, you can still change a setting in the main menu, but the screen will otherwise be white, as video transmission is deactivated in Eco-Mode. This is no cause for concern - the device is still working as intended. It simply means that Eco-Mode has paused the video transmission because your baby is asleep (see "4.5 Eco-Mode and Full-Eco-Control" on page 52).

## 6.10 Room temperature settings

The correct room temperature is particularly important for baby's healthful sleep. The baby unit of this NUK baby monitor therefore has an integrated temperature sensor.

The temperature in baby's room is permanently shown on the screen 19 and updated automatically.

**Note:** Since the temperature sensor is inside the baby unit it is important that you do not cover it or place it near a heater. Direct sunlight may also affect the reading.

The baby unit monitors the room temperature and sends an alarm to the parent unit when the set temperature limits are exceeded.

### Setting the temperature unit °C or °F:

1. Press the  $\odot$  button 26.

The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  $\triangleleft$  24 or  $\triangleright$  27 button to select the **Temperature** menu.



The selected symbol will be shown in red.

3. Press the  $\odot$  button 26 to view the submenu.

The temperature submenu has three settings you can adjust:

**°C/°F:** Allows you to choose the unit of temperature shown in the status bar of the parent unit.

**LIMIT:** Allows you to set the upper and lower limits for the temperature alarm.

**ALARM:** Allows you to enable and disable the temperature alarm when the room temperature rises above or falls below the set limits.

4. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of "°C/°F".

At this point, you can still exit the submenu by pressing the  $\triangleright$  button 27. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

5. Press the  $\odot$  button 26 to view the next submenu.

The active setting will be shown in green.

6. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of the required unit of temperature.

At this point, you can still exit the submenu by pressing the  $\triangleright$  button 27. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

7. Press the  $\odot$  button 26 to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

### Setting the temperature limits

Follow steps 1 to 3 described above.

4. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of "LIMIT".

5. Press the (OK) button 26 to view the next submenu.

**MAX:** upper temperature limit setting.

**MIN:** lower temperature limit setting.

6. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of the temperature limit setting you wish to adjust.

7. Press the (OK) button 26 to view the next submenu.

#### MAX

**>30:** alarm is triggered if baby room temperature exceeds 30 °C.

**>25:** alarm is triggered if baby room temperature exceeds 25 °C.

#### MIN

**<15:** alarm is triggered if baby room temperature falls below 15 °C.

**<10:** alarm is triggered if baby room temperature falls below 10 °C.

**Note:** if you have chosen °F as the unit of temperature, the temperature values will be in degrees Fahrenheit.

8. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of the required temperature limit value.

9. Press the (OK) button 26 to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

#### Notes:

- Just because you have set the MIN and MAX temperature limits does not mean

that the temperature alarm function has been activated. You must explicitly set the function to ON if you want to be notified of a temperature alarm.

- After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

### Activating the temperature alarm

1. Follow steps 1 to 3 described above.

4. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of "ALARM".

5. Press the (OK) button 26 to view the next submenu.

**ON:** The temperature alarm function will be activated and you will be notified if the temperature rises above or falls below the set limits.

**OFF:** The temperature alarm is deactivated. You will receive no notification if the temperature in the monitored room rises above or falls below the set limits.

6. Use the  $\Delta$  25 or  $\nabla$  28 button to move the star in front of "ON".

7. Press the (OK) button 26 to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

As soon as the room temperature in the monitored room rises above or falls below the relevant set temperature limit, an alarm is issued on the parent unit, provided the temperature alarm function has been activated.

- You will hear a beep every 10 seconds.
- A red warning symbol will appear in the centre of the screen.
  - TOO HIGH: temperature has risen above the set limit value.
  - TOO LOW: temperature has dropped below the set limit value.
- The temperature symbol in the status bar will be flashing.



Press any key to silence the alarm and temporarily deactivate it. However, the temperature alarm will continue to be signalled until the temperature in the monitored room is back within the set limits.

The current room temperature in the monitored room is displayed in the status bar.

**Notes:**




- If you activate the temperature alarm function without setting your own limits first, the default limit values will be used, i.e., MIN = < 15°C and MAX = > 30 °C.
- After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

### Deactivating the temperature alarm

Press any key to silence the alarm and temporarily deactivate it. However, the temperature alarm will continue to be signalled until the temperature in the monitored room is back within the set limits.




The current room temperature in the monitored room is displayed in the status bar.

To deactivate the temperature alarm, proceed as follows:

1. Follow steps 1 to 3 described above.
4. Use the  **25** or  **28** button to move the star in front of "**ALARM**".
5. Press the  button **26** to view the next submenu.

**ON:** The temperature alarm function will be activated and you will be notified if the temperature rises above or falls below the set limits.

**OFF:** The temperature alarm is deactivated. You will receive no notification if the temperature in the monitored room rises above or falls below the set limits.

6. Use the  **25** or  **28** button to move the star in front of "**OFF**".
7. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## 6.11 Lullabies

This NUK baby monitor has four specially composed lullabies and soothing natural sounds. To calm your baby and lull it to sleep, the lullabies can be activated from the parent unit at any time without needing to enter the monitored room. The lullabies are then played over the loudspeaker **14** of the baby unit.

**Attention!**


- We recommend keeping video monitoring or audio monitoring on while the lullabies are playing so that you can hear and see baby's responses.
- If the parent unit is switched to audio monitoring only, i.e., video monitoring has been deactivated (see "6.9 Switching between audio and video monitoring" on page 63), you will **not** be able to switch the parent unit to mute. This prevents you from losing all contact with your baby while using the baby monitor.
- Please note that activating the lullabies will automatically deactivate Eco-Mode if it is active (see "4.5 Eco-Mode and Full-Eco-Control" on page 52) and could wake your baby.

**Notes:**

- Alternatively, you can switch the lullabies on and off from the baby unit itself (see "5.4 Playing the lullabies" on page 54).
- The five LEDs **22** are switched off while lullabies are playing, because the device cannot distinguish between a baby crying and a lullaby being played. You will still be able to hear any sounds baby makes over the lullabies.



## Playing individual lullabies


1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Lullabies** menu. 

The selected symbol will be shown in red.



3. Press the  button **26** to view the sub-menu.


**Timer:** Allows you to set a time limit for playing the lullabies.


**Shuffle/Loop:** You can choose to have all the lullabies played one after the other (loop) or in a random sequence (shuffle).



**Lullaby:** You can choose one of four specially composed lullabies or soothing natural sounds.


**OFF:** The lullabies will be deactivated.

4. Use the  **25** or  **28** button to move the star in front of the musical note symbol.

At this point, you can still exit the sub-menu by pressing the  button **27**. The sub-menu will close and you will be returned to the previous sub-menu. However, to continue with your settings, continue with the next step.

5. Press the  button **26** to view the next sub-menu.

6. Use the  **25** or  **28** button to move the star in front of the required lullaby.

7. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

While a lullaby is playing, the corresponding symbol will be shown in the status bar.


If you have also activated the timer, the corresponding symbol in the status bar will also show a "T".

## Notes:

- If the timer function for the lullabies has not been activated, the activated lullaby will play endlessly until switched off manually on the baby or parent unit (see "5.4 Playing the lullabies" on page 54).
- After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## Switching the lullabies off

You can switch the lullabies off at any time, using the main menu of the parent unit or directly on the baby unit.

1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Lullabies** menu. 

The selected symbol will be shown in red.

3. Press the  button **26** to view the sub-menu.

**Timer:** Allows you to set a time limit for playing the lullabies.

**Shuffle/Loop:** You can choose to have all the lullabies played one after the other (loop) or in a random sequence (shuffle).

**Lullaby:** You can choose one of four specially composed lullabies or soothing natural sounds.

**OFF:** The lullabies will be deactivated.

4. Use the  **25** or  **28** button to move the star in front of "OFF".

5. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.



The lullabies will be switched off.

The corresponding symbol in the status bar disappears.

6. To deactivate the lullabies directly on the baby unit **1**, press the button **Lullabies on/off 12**.

### Selecting the play mode

The 5 lullabies can be played in a random sequence (shuffle mode) or one after the other in set sequence (loop) to calm children who prefer listening to alternating melodies as opposed to the same one repeated. To activate one of these playback modes, proceed as follows:


1. Follow steps 1 to 3 described above.
4. Use the  **25** or  **28** button to move the star in front of the shuffle/loop symbol.







Shuffle mode: the 5 lullabies are played in a random order during each sequence.



Loop mode: the 5 lullabies are played one after the other in unchanging numerical order in each sequence.

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

5. Press the  button **26** to view the next submenu.
6. Use the  **25** or  **28** button to move the star in front of the required setting: either shuffle or loop.
7. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

The corresponding symbol appears in the status bar.

If you have also activated the timer, the corresponding symbol in the status bar will also show a "T".

### Notes:

- If the timer function for the lullabies has not been activated, the lullabies will con-

tinue to be played repeatedly until switched off by you on the parent unit or the baby unit (see "5.4 Playing the lullabies" on page 54).

- After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.


### Activating the timer

You can activate a timer for the lullabies to avoid inadvertently playing them for an unlimited time. The lullabies will play for the set time and then automatically switch off.

To activate one of these playback modes, proceed as follows:

Follow steps 1 to 3 described above.

4. Use the  **25** or  **28** button to move the star in front of "Timer".

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.



5. Press the  button **26** to view the next submenu.

**60 min:** The lullabies will play for 60 minutes and then automatically switch off.

**40 min:** The lullabies will play for 40 minutes and then automatically switch off.

**20 min:** The lullabies will play for 20 minutes and then automatically switch off.

**OFF:** The timer will be deactivated.

6. Use the  **25** or  **28** button to move the star in front of the required setting.

**Attention!** If you have set the timer, but forgotten to set the play mode (single lullaby, shuffle or loop), no lullabies will be played.

**Note:** If you select only one lullaby, then only this one lullaby will be played repeatedly for the set time.

7. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

The lullabies will play for the set time.

The corresponding symbol will be shown in the status bar with a **T** to show that the timer is active.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

8. To switch the timer off, select the option **OFF** in this submenu.

## 6.12 Vibrating alarm

The parent unit is equipped with an integrated vibrating alarm function. It is automatically activated when you set the sound volume to its lowest level, switching the parent unit to mute (see "6.14 Mute function" on page 71). It can also be activated if required, e.g. for providing an additional alarm notification function, and can be particularly helpful for the hard of hearing, in addition to the visual information shown on the screen and by the LEDs.

The parent unit will vibrate:


- if there is a high level of noise in the monitored room
- when the battery charge becomes low
- if the parent unit goes out of range
- if the parent unit is unable to set up a connection with the baby unit and/or if the connection is interrupted
- if the temperature in the monitored room rises above or falls below the set limits
- when a reminder alarm is signalled
- once, when the vibrating alarm is activated
- once, when the parent unit is switched to mute.

**Note:** If the parent unit is switched to mute (see "6.14 Mute function" on page 71), the vibrating alarm is automatically activated and cannot be deactivated. This gives parents a better chance of noticing an alarm or

warning on the device. In this case, the vibrating alarm can only be deactivated by raising the volume setting.




### Activating the vibrating alarm

To activate the vibrating alarm, proceed as follows:


1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Vibrating alarm** menu. 

The selected symbol will be shown in red.


3. Press the  button **26** to view the submenu.

**ON:** Vibrating alarm will be activated.

**OFF:** Vibrating alarm will be deactivated.

The active setting will be shown in green.

4. Use the  **25** or  **28** button to move the star in front of "**ON**".

At this point, you can still exit the submenu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.


5. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.

The corresponding symbol appears in the status bar. The parent unit will now also vibrate when an alarm is signalled.




### Deactivating the vibrating alarm

To deactivate the vibrating alarm, proceed as follows:


1. Press the  button **26**.

The menu bar with the main menu will appear at the bottom of the screen.



2. Use the  **24** or  **27** button to select the **Vibrating alarm** menu. 

The selected symbol will be shown in red.


3. Press the  button **26** to view the sub-menu.


**ON:** Vibrating alarm will be activated.

**OFF:** Vibrating alarm will be deactivated.

The active setting will be shown in green.

4. Use the  **25** or  **28** button to move the star in front of "**OFF**".

At this point, you can still exit the sub-menu by pressing the  button **27**. The submenu will close and you will be returned to the previous submenu. However, to continue with your settings, continue with the next step.

5. Press the  button **26** to confirm your setting.

The setting will be stored, the menu will be closed, and the parent unit will return directly to monitoring mode.


The corresponding symbol in the status bar disappears.

**Note:** After 15 seconds without any input from you, the menu will be closed with the settings unchanged and the parent unit will return directly to monitoring mode.

## 6.13 Setting the volume

- Use the **VOL + 33** and **VOL - 34** buttons on your parent unit to set the volume at which you wish to hear the sound transmissions from the monitored room.

You will hear a beep at the appropriate volume each time you press one of these buttons. The louder your chosen setting, the louder the unit will beep.

The display also shows a  number of bars indicating the current volume setting. The louder your chosen setting, the louder the unit will beep and the more bars will appear.

**Note:** The transmitted sounds depend on the VOX level setting (see "6.8 Setting the VOX sensitivity level" on page 62). If a low sensitivity level is set, low noises will not be heard, not even if the volume is

increased. In other words, you will not be able to hear more sounds from the monitored room simply by raising the parent unit's sound volume. If you wish to hear more sounds from the monitored room, you must increase the sound sensitivity of the baby unit's microphone, by adjusting the VOX level setting.


## 6.14 Mute function

The sound volume of the parent unit can be set to "mute". Sounds from the monitored room will then no longer be audible.

**Attention!** If the parent unit is switched to audio monitoring only, i.e., video monitoring has been deactivated (see "6.9 Switching between audio and video monitoring" on page 63), you will **not** be able to switch the parent unit to mute. This prevents you from losing all contact with your baby while using the baby monitor.

1. To activate the mute function, press the **VOL - button 34** continuously until you hear two beeps in short sequence.

The parent unit is now mute, meaning that it will no longer emit any sounds at all.

The corresponding symbol  appears in the centre of the screen and the status bar, and the vibrating alarm is activated.

**Note:** If the parent unit is switched to mute, the vibrating alarm is automatically activated and cannot be deactivated. This gives parents a better chance of noticing an alarm or warning on the device. In this case, the vibrating alarm can only be deactivated by raising the volume setting.

2. To deactivate the mute function, press the **VOL + button 33**.

This raises the sound volume of the parent unit, and cancels the mute function and the automatic vibrating alarm. The corresponding symbols in the status bar disappear.

**Note:** If you use the talk-back function (see "6.15 Talk-back function" on page 72) while



the parent unit is switched to mute, the sound volume level will automatically be set to 3 so that you can hear baby's responses. This also cancels the automatic vibrating alarm.

## 6.15 Talk-back function

The talk-back function allows you to talk to your baby over the baby unit in its room to soothe it.

1. Press and hold the **TALK** button **28** on the parent unit and wait until you hear a beep and the corresponding symbol appears on the screen.



This means that the voice connection has been established and you can talk to your baby.

2. Hold the parent unit about 10-20 cm away from your mouth to ensure your voice is transmitted clearly.

Your baby will be able to hear you over the loudspeaker **14** of the baby unit.

3. The volume at which baby will hear your voice will have been set beforehand, using the **VOL +/- 11** buttons on the baby unit (see "5.3 Setting the volume" on page 54).

4. Release the **TALK** button **28** to hear your baby's response and see the video transmission again.

You will be able to see baby's response on the screen of the parent unit.

The TALK symbol disappears.

### Notes:

- If the baby unit **1** is in Eco-Mode, this function is deactivated.
- If the parent unit is switched to mute (see "6.14 Mute function" on page 71), the sound volume level will automatically be set to 3 when you press the **Talk** button **28**. This ensures that you will be able to hear your baby's response.

## 6.16 Zoom in / scroll image





In video monitoring, you can use the zoom function any time for a closer look at your baby.

1. To activate the zoom function, press and hold down the **ZOOM** button **25** until the camera shows a suitably enlarged image.

The corresponding symbol



appears in the status bar.

2. Use the  **24**,  **25**,  **27** or  **28** buttons to scroll the image for the best view.
3. To deactivate the zoom function, press and hold down the **ZOOM** button **25** again until the camera zooms out and the symbol in the status bar disappears.

## 6.17 Night mode

The light sensor **4** of the baby unit measures the light in baby's room. When the light falls below a certain level, the camera automatically switches to night mode.

The infrared LEDs **6** are activated and illuminate your baby for the camera. They are invisible in the dark and are also deactivated in Eco-Mode. The camera records and transmits the infrared image to the parent unit, where it is displayed in black and white on the screen.

Night mode is activated and deactivated automatically.

## 7. Cleaning and care

### 7.1 Cleaning



**Warning!** To avoid the risk of electric shocks, injuries and damage:

- Always disconnect the mains adapter from the power socket before cleaning the device.
- Never immerse the individual parts in water.

**Caution!** Under no circumstances use abrasive, corrosive or scratching cleaning agents, as these could damage the device.

1. If necessary, wipe the individual parts with a damp cloth.
2. Only use the baby monitor again when all the parts have fully dried out.

### 7.2 Changing the battery

The installed 3.7V 1260 mAh lithium polymer battery (LiPo) may be replaced only by a genuine replacement battery as used by us. If necessary please contact our Product Service (see "Product service babyphone in Europe" on page 234).

1. Remove the battery cover **31** on the back of the parent unit **17**, by sliding it downwards.
2. Remove the defective battery.
3. Put the new battery in its compartment as indicated on the unit. Make sure you insert it with the correct polarity (+ and -).
4. Slide the battery cover **31** back onto the parent unit **17**.
5. Initially, charge the parent unit continuously **for 10 hours** to activate the full battery capacity (see "4.1 Connecting the parent unit" on page 50).

## 8. Faults and how to remedy them

Fault	Cause	Remedy
Baby unit or parent unit does not work	No power supply	Set up the power supply (see "4.4 Power supply" on page 51)
	Battery of parent unit is empty	Charge the battery (see "4.4 Power supply" on page 51)
	The unit is not switched on	Switch it on (see "4.1 Connecting the parent unit" on page 50 and "4.2 Connecting the baby unit" on page 50)
	The baby unit and parent unit are too far apart, or the signal is being blocked by solid walls or other electrical equipment	Reduce the distance or place the parent unit somewhere else
Loud whistling	Feedback due to the parent unit and baby unit being too close together	Increase the distance to at least 2 – 3 m
		Reduce the volume and the VOX level on the parent unit if you are in the immediate vicinity of the baby unit (see "6.8 Setting the VOX sensitivity level" on page 62 and "6.13 Setting the volume" on page 71).

<b>Fault</b>	<b>Cause</b>	<b>Remedy</b>
Parent unit is beeping	Connection to the baby unit has been lost	Set up the connection (see "4.3 Connecting baby unit and parent unit" on page 51)
	Problem with the power supply	Check the power supply (see "4.4 Power supply" on page 51)
Connection indicator <b>20</b> has lit up red	The parent unit is out of range	Set up the connection (see "4.3 Connecting baby unit and parent unit" on page 51)
No sound from the parent unit	Volume is muted	Increase the volume (see "6.14 Mute function" on page 71)
	VOX function is set too low	Increase the transmission sensitivity (see "6.8 Setting the VOX sensitivity level" on page 62)



If these hints do not solve the problem you can try to clear the fault as follows:

1. Take the battery out of the parent unit.
2. Unplug the mains adapters from their power sockets.
3. Wait a few minutes.

4. Replace the battery and plug the mains adapters back in.

If this has not resolved your problem, please contact one of our Service Centres (see "11.2 Service Centres Babyphone" on page 76).

## 9. Technical data

Wireless connection	2.4 GHz FHSS
Transmission frequency	2405 - 2475 MHz, max EIRP 100mW
Number of channels	32 / automatic channel selection
Line of sight range	about 250 m
Range within enclosed rooms	about 40 m. Successful transmission depends on the environment. Walls or trees can seriously interfere with reception.
<b>Baby unit</b>	
Operating temperature	0 °C to 40 °C ambient temperature
<b>Parent unit</b>	
Operating temperature	0 °C to 40 °C ambient temperature
Battery	Lithium polymer battery (rechargeable), , 3.7 V, 1260 mAh
	Period of operation in normal transmission mode: at least 8 hours
	Period of operation in Eco-Mode: > 8 hours
	Charging time when battery is charged for the first time: at least 10 hours, on subsequent occasions, charging takes about 6 hours
<b>Mains adapters</b>	
Input	100–240 V AC; 50/60 Hz; 200 mA
Output	6 V  ; 600 mA;  +