

## **Congratulations – you have selected a high-quality product from NUK!**

NUK Eco Control + Video is a wireless audio and video monitoring system mostly used for the supervision of babies and young children. It is equipped with the latest technology to ensure a day and night high-quality transmission between the baby and the parent unit. It complies with the state of the art technology and often even exceeds the standards required.

NUK Eco Control + Video is ready to use - just connect the baby monitor to a power supply and switch it on! The baby monitor will operate on default settings. Use the Quick Start Guide for help. You can easily adjust the default settings to your needs. Use these operating instructions for help.

The baby monitor provides Full Eco Mode which guarantees safe and efficient supervision on the lowest high-frequency radiation possible. Additional features are a room thermometer to continually monitor the temperature in the baby's room and 5 different lullabies. The design of the baby monitor supports the usage for all people requiring additional care or supervision regardless of their age.



Read the operating instructions carefully and follow them. Store the operating instructions safely and accessible. Pass on the operating instructions to the next user.


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## 1 OVERVIEW

### 1.1 SAFETY INSTRUCTIONS

Below you will find a list of all safety instructions which must be followed for a safe usage of your NUK Eco Control + Video. They are ordered content wise. In the operating instructions you will find the safety instructions in the sequence of the numbers, marked with the symbol  and the number. Hints for an effective and better use are marked Note.

Safety instructions	Chapter	 No.
Your baby monitor is designed to be an aid. It must not be used as a substitute for responsible and proper adult supervision.	2	1
Protect the personality rights of others.	2	2
Do not install the baby monitor during a thunderstorm.	5	15
Position the baby unit at a minimum distance of 1 meter (3 ft.) from your baby to reduce hazard of radiation.	5.4	18
WARNING! Strangulation hazard! Keep cords out of reach of children. Do not use the units with an extension cable.	5.4	17
Protect the baby monitor from out-of-range temperatures, moisture, water, dust, sand, or similar.	2	3
Never cover the units (e.g. with clothes, towels or blankets).	5.4	20
Only use the supplied mains adapter.	3.1.1 3.2.1	4 11
Never use a damaged mains adapter.	3.1.1 3.2.1	5 12
Before connecting the mains adapter: Make sure the voltage shown on the nameplate of the mains adapter corresponds to the local mains power.	3.1.1 3.2.1	6 13
If you are not using the baby monitor for a long period of time: Disconnect the mains adapter from the wall socket. Remove batteries to avoid damage due to battery leakage.	3.1.4 3.2.2	10 14
Do not install the battery with force.	3.1.2	7

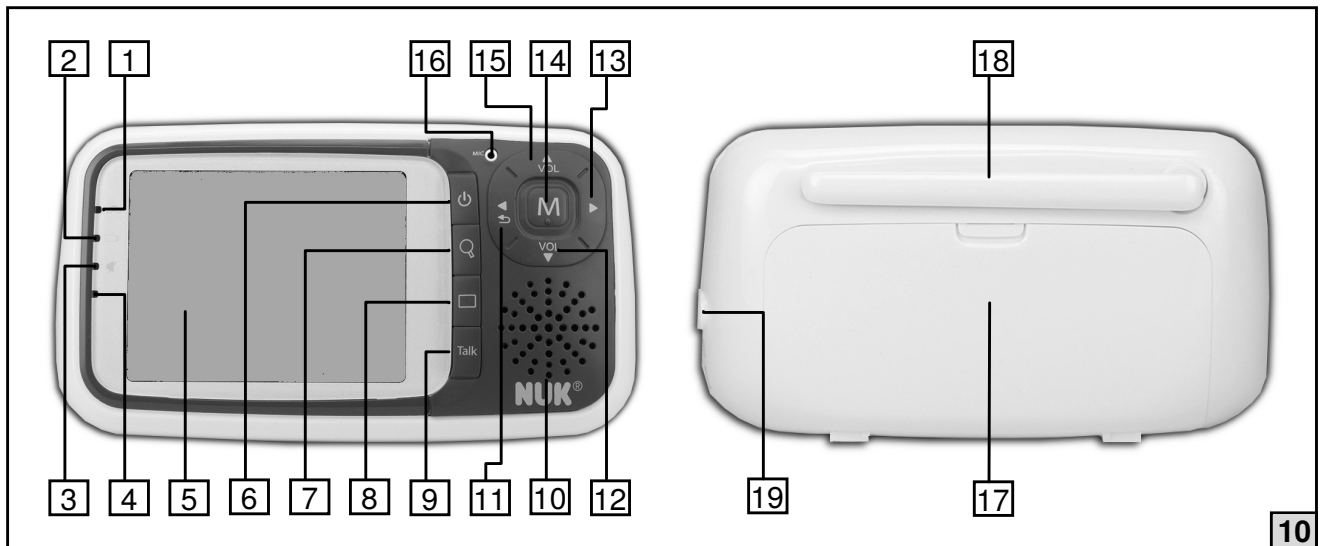
Safety instructions	Chapter	 No.
Only use the supplied Li-Polymer battery or replace it with a Li-Polymer battery of the same type and specification.	3.1.2	8
Improper use of the battery may cause heat, fire, rupture, damage, or capacity deterioration of the battery. Please read and follow the handling instructions before use.	3.1.3	9
Do not dispose empty batteries in normal household waste. Take them to your local chemical waste recycling centre.	8.4	27
Check the connection between the units each time before using.	5.4	19
Check the connection regularly during normal operation.	5.1	16
Check the range of your baby monitor before you use Full Eco Mode. Make sure you are within range.	6.2	21
In Full Eco Mode the connection check is disabled and the connection indicator will remain off.	6.2.3	22
Clean the baby monitor with care. Use a damp cloth only. Do not use chemical cleaning products. Before cleaning: Make sure that the mains adapters are disconnected.	8.2	23
Never dismantle the mains adapters.	8.3	24
During the out of warranty period, repairs on the parent unit or the baby unit must only be carried out by specialists for electronic devices. Never repair mains adapters, mains cables or batteries.	8.3	25
Do not throw this product away with the normal household waste. Take it to any official collection point for recycling.	8.4	26

## 1.2 DELIVERY

Your NUK Eco Control + Video contains one item of each of the following:

- parent unit (fig. 1)
- mains adapter for the parent unit (country specific) (fig. 4 and **Note**)
- rechargeable battery for the parent unit
- baby unit (fig. 5)
- mains adapter for the baby unit (country specific) (fig. 9 and **Note**)
- Quick Start Guide
- operating instructions

**Note** The mains adapters' plugs for the parent unit and the baby unit have a specific size for each unit, so you can't mix them up.



- 1** connection indicator (📶):
- green light: very good connection to the baby unit
  - flashes slowly: good connection to the baby unit
  - flashes quickly: no connection to the baby unit
- 2** battery indicator (🔋):
- unit powered by mains  
→ battery loading indicator:  
loading: red light  
loading finished: no light
  - unit powered by batteries  
→ power on/off indicator:  
on: red light  
off: no light
- 3** speaker indicator (🔊):
- on: no light
  - off: blue light
- 4** Full Eco Mode indicator (ECO):
- on: yellow light
  - off: no light
- 5** screen (for further details chapt.1.3.1)
- 6** ⏻ button: power on/off
- 7** 🔍 button: zoom in on/off
- 8** 📺 button: video on/off
- 9** TALK button: talkback on/off
- 10** built-in speaker
- 11** ⬅ button:  
standard: no function  
zoom in: move left  
menu: back
- 12** VOL ▼ button:  
standard: decrease volume  
zoom in: move down  
menu: scroll
- 13** ➡ button:  
standard: no function  
zoom in: move right  
menu: no function
- 14** M button: menu
- 15** VOL ▲ button:  
standard: increase volume  
zoom in: move up  
menu: scroll
- 16** built-in microphone
- 17** battery compartment
- 18** antenna
- 19** mains adapter jack

### 1.3.1 Screen on the Parent Unit

#### permanent indicators (always shown on screen):

1 connections reception strength indicator:



very good reception



good reception



reasonable reception



no reception

2



room temperature (temperature of the room in which the baby unit is located) and non permanent indicators (see below).

3

mains plug indicator or battery level indicator



mains plug indicator (the mains adapter is connected to mains, no battery has been installed)



battery level indicator (while charging, this symbol is animated)



battery full



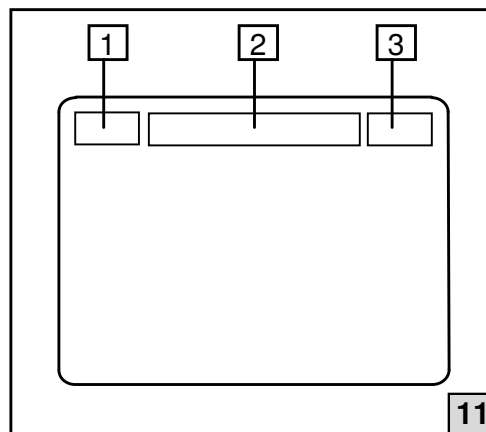
battery 2/3 full



battery 1/3 full



battery empty



#### non permanent indicators (only on screen when active):

2



lights when zoom in is switched on



lights when lullabies are being played



lights when Full Eco Mode is activated and there is no reception



lights when Full Eco Mode is activated



lights when the acoustic temperature alarm is activated

#### volume indicator



volume 5



volume 4



volume 3



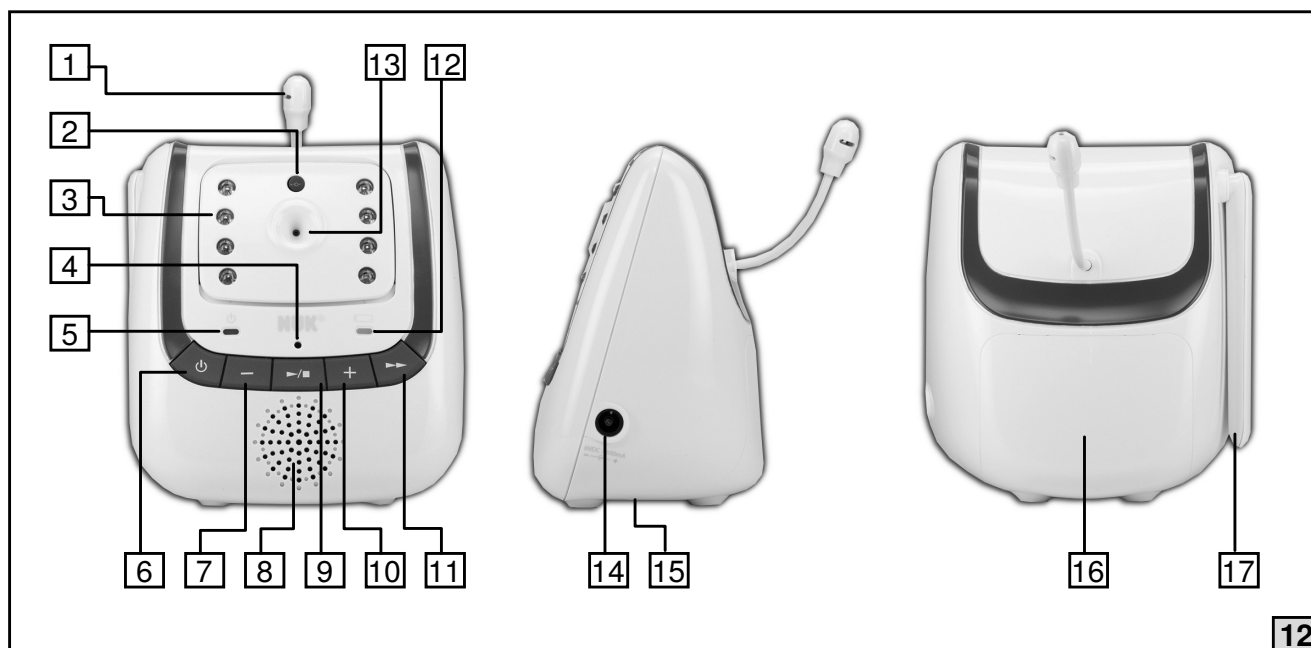
volume 2



volume 1



volume off (lights permanently when volume is set off)



- 1 temperature sensor
- 2 light sensor (technical feature for automatic detection of night vision)
- 3 Infrared LEDs (for night vision)
- 4 built-in microphone
- 5 power on/off indicator (⏻): on: red light  
off: no light
- 6 ⏻ button: power on/off
- 7 – button: decrease volume
- 8 built-in speaker
- 9 ▶/■ button: start/stop for lullabies
- 10 + button: increase volume
- 11 ▶▶ button: next lullaby
- 12 battery indicator (🔋): unit powered by mains: green light  
unit powered by batteries: no light - batteries full  
green light flashes - batteries low
- 13 camera
- 14 mains adapter jack
- 15 screw connection for tripod (chapt. 5.4)
- 16 battery compartment
- 17 antenna

## 2 NUK ECO CONTROL + VIDEO

NUK Eco Control + Video is a baby monitor designed to detect sounds and video. Baby monitors are mostly used for monitoring babies and young children. However, this baby monitor is designed in a way that you can use it for all people requiring additional care regardless of their age.



Your baby monitor is designed to be an aid. It must not be used as a substitute for responsible and proper adult supervision.

The baby monitor is designed to be used by adults with all physical, sensory and mental abilities, sufficient experience and knowledge in supervising babies, young children or persons requiring additional care. You shall read the operating instructions of the baby monitor before use.

If the baby monitor is used by other persons they should either be supervised by someone responsible for their safety or receive instructions on how to use the equipment safely and effectively. Children shall be supervised to ensure they do not play with the baby monitor.

The baby monitor consists of two units: the baby unit and the parent unit (for details see fig. 10, 11, 12). The baby unit detects sounds, video and temperature data and transmits it wireless to the parent unit presenting the data received. It depends on the settings of the baby monitor which data is transmitted at which time.

Any other individuals who are or might be present in the room being monitored must be notified of the presence of the baby monitor



Protect the personality rights of others.

The baby monitor is designed for indoor use. It needs to be operated at room temperature and normal humidity. For further details see the technical specification (chapt. 10).



Protect the baby monitor from out-of-range temperatures, moisture, water, dust, sand, or similar.

### 2.1 OPERATING MODES

The baby monitor complies with the state of the art technology and often even exceeds the standards required - independent from the settings you choose. Feel free to check out the technological possibilities to find the right settings for your situation, senses and environment.

When connected to a power supply the baby monitor is ready to use – just switch it on. It then works based on default settings (chapt. 6.1). The settings can be adapted to your needs intuitively or with the help of the operating instructions. The baby monitor may be operated in two modes:

#### 1. Normal mode

In normal mode the parent unit automatically checks the connection to the baby unit. To ensure connection it also does so when the baby is quiet. Normal mode is recommended in environments where you are unsure if the parent and the baby unit have a connection.

#### 2. Full Eco Mode

In Full Eco Mode a connection between the parent and the baby unit is assumed as existing. When the baby is quiet the baby monitor is 100% free from high-frequency radiation. If you use the baby monitor in an environment with known reception conditions (e.g. at home) try out Full Eco Mode (chapt. 6.2) to reduce radiation.



In both modes you can vary the sensitivity of the baby monitor to adjust the bandwidth of sounds (chapt. 7.1.1). If you wish to hear very quiet sounds from the baby (= maximum sensitivity) the baby unit might even transmit sounds from the baby's environment.

## 3 POWER SUPPLY

### 3.1 PARENT UNIT

The parent unit may be powered by mains using the mains adapter with the thin plug (fig. 4) or by a rechargeable battery. When using the battery the parent unit is mobile.

#### 3.1.1 Mains Adapter

Installation of the mains adapter with the thin plug (for specification see chapt. 10):

1. Connect the mains adapter with the thin plug to the jack on the right-hand side of the parent unit (chapt. 1.3 [19](#)).
2. Plug the mains adapter into a mains plug.

For your own safety comply with the above described order. Disconnect the unit vice versa: First disconnect the mains adapter from the wall socket and then from the unit.



Only use the supplied mains adapter.

Incorrect adapter types can cause damage to the unit. Before using the mains adapter, check if it is damaged or if there are uninsulated cables. Replace the mains adapter in case of any damage with the original part only (chapt. 8.3).



Never use a damaged mains adapter.



Before connecting the mains adapter: Make sure the voltage shown on the nameplate of the mains adapter corresponds to the local mains power.

#### 3.1.2 Battery

In the parent unit the delivered rechargeable battery may be installed.

Specifications:

- Type BYD SCD530-1
- Material: Lithium Polymer battery, rechargeable, made by BYD
- Output: 3.7 V, 950 mAh (3.5 Wh)

With brightness set to low the battery lasts up to 8 hours\*, with brightness set to high up to 5 hours\* (\*chapt. 10).

Installation of battery (fig. 3):

1. Open the battery compartment of the parent unit by sliding off the battery cover on the back of the parent unit.
2. Insert contact side of the battery first so that it has complete contact to the terminals of the parent unit.
3. Push other side of the battery downwards slightly until it clicks into place.



Do not install the battery with force.

**Note** The battery slides in easily, if you feel resistance you have not followed the order of installation or positioned the battery incorrectly. Start from the beginning.


- Slide the battery cover back on to the parent unit.

**Note** If no battery is inserted into the parent unit, the unit can still be powered using the mains adapter (chapt. 3.1.1).



Only use the supplied Li-Polymer battery or replace it with a Li-Polymer battery of the same type and specification.

The use of any other battery can cause damage to the device.

**Note** If the battery level indicator (chapt. 1.3.1) shows  battery empty the parent unit will switch off in approximately 5 minutes\* (\*chapt. 10).

### 3.1.3 Handling Instructions for the Battery



Improper use of the battery may cause heat, fire, rupture, damage, or capacity deterioration of the battery. Please read and follow the handling instructions before use.

#### Handling instructions:

- Neither put the battery into a fire nor heat the battery. Do not store the battery in high temperature environment.
- Insert the battery correctly so that the battery contact completely touches the terminals of the parent unit.
- Do not let the battery contacts or parent unit terminals contact a wire or any metal (like a metal necklace, keys or a hairpin) with which it is carried or stored together. It may cause short-circuit.
- Do not drive a nail in, hit with a hammer, or stamp on the battery. Do not strike the battery in other ways.
- Do not disassemble or alter the battery's outside structure.
- Do not submerge the battery in water. Do not wet the battery when stored.
- The battery was inspected carefully before shipment to conform with the specifications. However, in case any abnormality (bad smell, heat etc.) arises after purchase, bring the battery back (chapt. 11).

### 3.1.4 Charging the Battery

As soon and as long as you connect the parent unit to the mains adapter and plug the adapter into a mains plug, the battery is being charged.

There is a battery indicator on the parent unit (chapt. 1.3). When the mains adapter is connected to mains: It lights up when and as long as the battery is being charged. It turns off when the battery is full. With a disconnected mains adapter the battery indicator is a power on/off indicator: Then the light turns on when the parent unit is turned on, the light turns off when the parent unit is turned off.

Moreover, there is a battery level indicator on the top right position of the screen of the parent unit (chapt. 1.3.1). It shows the remaining power of the battery. The battery level indicator is animated while the battery is being charged.

**Note** If instead of the battery level indicator the symbol of a mains plug lights up, the battery has not been inserted.

Before using the unit for the first time or after a long period of time: Charge the battery for at least 15 hours, even if the indicator shows that the battery is full. When the parent unit is

connected to the mains the charging time for the parent unit battery (whether the parent unit is switched on or off) is up to 6 hours\* (\*chapt. 10).

The charging circuit for the battery is controlled electronically: There is no danger of overloading the battery. You can leave the mains adapter continuously connected.



If you are not using the baby monitor for a long period of time: Disconnect the mains adapter from the wall socket. Remove batteries to avoid damage due to battery leakage.

## 3.2 BABY UNIT

The baby unit may be powered by mains using the mains adapter with the thick plug (fig. 9) or by batteries. When using the batteries the baby unit is mobile.

### 3.2.1 Mains Adapter

Installation of the mains adapter with the thick plug (for specification see chapt. 10):

1. Connect the mains adapter with the thick plug to the jack on the right-hand side of the baby unit (chapt. 1.4 [14](#)).
2. Plug the mains adapter into a wall socket.

For your own safety comply with the above described installation order. Disconnect the unit vice versa: First disconnect the mains adapter from the wall socket and then from the unit.



Only use the supplied mains adapter.

Incorrect adapter types can cause damage to the unit. Before using the mains adapter, check if it is damaged or if there are uninsulated cables. Replace the mains adapter if any damage is found (chapt. 8.3 ).



Never use a damaged mains adapter.



Before connecting the mains adapter: Make sure the voltage shown on the nameplate of the mains adapter corresponds to the local mains power.

### 3.2.2 Batteries

In the baby unit batteries may be installed with the following specifications:

- Type: AA (R6)
- Material: high quality alkaline
- Output: 1.5 V
- Quantity: 4 pieces

The batteries are not included in the pack. It is possible to insert rechargeable batteries, but since the baby unit is not equipped with a charging device, rechargeable batteries must be charged in an external battery charger when empty.

**Note** Use the mains adapter when mains is available.

**Note** When the green light of the battery indicator (chapt. 1.4) flashes, the baby unit will switch off in approximately 30 seconds\* (\*chapt. 10).

Installation of batteries (fig.7):

1. Unlock the battery cover of the baby unit by placing a flat, blunt object in the slot on the bottom of the baby unit.

2. Insert batteries in the battery compartment as indicated (+ battery contact with + baby unit terminal, – battery contact with – baby unit terminal).
3. Replace the battery cover on the baby unit and snap it in place.



If you are not using the baby monitor for a long period of time: Disconnect the mains adapter from the wall socket. Remove batteries to avoid damage due to battery leakage.

## 4 TRANSMISSION OF DATA

The baby monitor uses the frequency of 2.4 GHz to transmit data between the baby and the parent unit. The baby monitor complies with the state of the art technology (see attached declaration of conformity) and in certain values even exceeds the standards required.. The use of this frequency with the baby monitor is license-free for indoor and outdoor.

### 4.1 FREQUENCY RESTRICTIONS



In France, Russia, Ukraine only for indoor use.

### 4.2 RANGE

Range is the distance between the units in which the wireless communication operates. The maximum range of the baby monitor is up to 300 meters (984 ft.) outdoors and 50 meters (164 ft.) indoors; the range is dependent on local circumstances. Please be aware that large buildings, metal constructions, atmospheric disturbances and other wireless devices may affect the operating range. For a better reception fold out the antennas of the parent unit (fig. 2) and the baby unit (fig. 6). Pay attention to the recommendations for positioning (chapt. 5.4).

If the units move out of range of each other, the image first freezes for a few seconds (no motion), followed by the message 'NO LINK', after which the screen goes black.

### 4.3 INTERFERENCE

The transmitted data of the baby monitor is digitally encoded. You should therefore never receive data from other equipment, nor will the data from your baby unit appear on, for example, your neighbour's parent unit.

### 4.4 EAVESDROPPING/INTERCEPTION

It is virtually impossible to eavesdrop on/intercept the transmitted audio or video data. Not only would one need to be in range of the baby monitor, also very expensive equipment would be required.

### 4.5 DELAYS IN VIDEO AND AUDIO



The baby unit transmits the video and audio data to the parent unit in digital blocks. The parent unit recreates a recognizable image and a comprehensible sound from this data. This may mean that there is a short delay between the movement or sound taking place and seeing/hearing it on the parent unit. In addition, the video and sounds on the parent unit may not be exactly synchronized with each other.


## 5 GETTING STARTED



Do not install the baby monitor during a thunderstorm.




1. Install the mains adapters (chapt. 3.2.1) or the batteries (chapt. 3.2.2) at the baby unit.

2. Install the mains adapters (chapt. 3.1.1) or the battery (chapt. 3.1.2) at the parent unit.
3. Switch on the baby unit by briefly pressing the  button. (Keep this button pressed for 2 to 3 seconds to switch the baby unit off.)
4. Switch on the parent unit by briefly pressing the  button. (Keep this button pressed for 2 to 3 seconds to switch the parent unit off.)

As soon as the parent unit is switched on, the connection indicator  (chapt. 1.3) flashes rapidly and the parent unit starts searching for the baby unit. Once the baby unit has been found, this indicator will light continuously or will start flashing at a slow pace.

If you do not comply with the above described order the parent unit will show the message 'NO LINK' on the screen.

## 5.1 CONNECTION CHECK

The connection is checked regularly by the baby monitor. When (and as long as) the parent unit is in contact with the baby unit, the connection indicator  on the parent unit will be lit steadily. When the baby unit gets out of range (or is switched off) the connection indicator  on the parent unit will start flashing. If the connection is not restored within 30 seconds, an alarm will sound every 10 seconds. Once the connection between the parent unit and the baby unit is restored, the connection indicator  will be lit steadily again.



Check the connection regularly during normal operation.

## 5.2 CONNECTIONS RECEPTION STRENGTH INDICATOR

In the upper left-hand corner of the screen on the parent unit (chapt. 1.3.1) is an indication of the strength of the signal being received from the baby unit.



*very good reception,*




*good reception,*



*reasonable reception*

In all three cases, audio and video data is shown with the same quality. As soon as the strength of the signal being received from the baby unit is insufficient to receive audio and video data the

indicator  lights up. At the same time the message 'NO LINK' appears on the screen. After a few seconds the screen goes black, and the connections reception strength indicator starts flashing rapidly. If any button on the parent unit is pressed, the screen lights up with the message 'WAITING FOR CONNECTION...'. After approximately 10 seconds, the screen goes black again. As soon as the parent unit and the baby unit are back in range of each other, the screen lights up again continuously.

**Note** The connections reception strength indicator also starts flashing and the 'NO LINK' message appears on the parent unit screen when the baby unit is switched off or the batteries of the baby unit are empty.

## 5.3 BATTERY INDICATOR

Both, the parent and the baby unit have indicators to show the power status of the batteries.

The parent unit has a battery indicator on the unit (chapt. 1.3). On the screen it has a battery level indicator (chapt. 1.3.1). The position and functionality of those indicators are described in these chapters, but also in chapt. 3.1.4. An additional **Note** is found in chapt. 3.1.2.

The baby unit has a battery indicator on the unit. Its position and functionality is described in chapt. 1.4. An additional **Note** is found in chapt. 3.2.2.

In addition there are messages on the parent unit screen signaling low battery: 'BATTERY LOW' if the battery of the parent unit is empty and 'BATTERY LOW AT BABY UNIT' when the battery of the baby unit is empty. Replace batteries of the respective unit or connect the unit with the mains adapter to mains.

## 5.4 POSITIONING

Set the units on a firm, level, dry and non-flammable surface. The bottom of the baby unit is equipped with a tripod attachment point (chapt. 1.4). You can use it to screw the unit onto a stand or tripod (not included in the pack, contact your retailer).

Make sure the power cable of the mains adapters are safely tucked away to prevent your baby or child from strangulation and others from tripping and falling. Never place the baby unit inside the baby's cot, bed or playpen.



**WARNING!** Strangulation hazard! Always keep cable out of children's reach. Do not use the units with an extension cord.



Position the baby unit at a minimum distance of 1 meter (3 ft.) from your baby to reduce hazard of radiation.

For optimal connection position the parent and baby unit as high and as far away from metal surfaces as possible.



Check the connection between the units each time before using.



Never cover the units (e.g. with clothes, towels or blankets).

### 5.4.1 Tilting the Camera

If the video on the parent unit's screen is not adjusted as you wish, you may tilt the camera on the baby unit. Unlock the camera by pulling it forward at the top (fig. 7). You can angle the camera approximately 45 degrees downwards. Push the camera back in the housing to fix it in position again.

**Note** It is not possible to rotate the camera to the left or to the right. You need to move the entire baby unit.

## 6 OPERATION

Once you have started your baby monitor it operates based on the default settings (chapt. 6.1). That means video is transmitted continuously. Sounds are transmitted when the baby cries (sensitivity level 3). You will hear an alarm if the batteries are low. You will not hear an alarm if there is no connection between the units, but the connection indicator and connections reception strength indicator are working (chapt. 5.1 and 5.2). You will not hear an alarm when the temperature exceeds the minimum or maximum limit.

The video settings do not affect the transmission of sounds. The transmission of sounds depends on the sensitivity level. It triggers how often the baby unit searches for the parent unit to transmit sounds. If you wish to hear very quiet sounds from the baby (= maximum sensitivity) set sensitivity level to 5 (chapt. 7.1.1.).

## 6.1 DEFAULT SETTINGS

The default settings of the baby monitor are the following:

Menu options	Items	Parent unit	Baby unit
LANGUAGE		GERMAN	-
LULLABY		LULLABY 1	LULLABY 1
SENSITIVITY		LEVEL 3	-
TEMPERATURE	FORMAT	CELSIUS	-
TEMPERATURE	ALERT	OFF	-
TEMPERATURE	Low	14 °C (57 °F)	-
TEMPERATURE	High	30 °C (86 °F)	-
VIBRATION		OFF	-
ALERT	LOW BATTERY	ON	-
ALERT	NO LINK ALERT	OFF	-
BRIGHTNESS		LEVEL 4	-
ECO MODE		OFF	-
volume <sup>(1)</sup>		LEVEL 4	LEVEL 3

<sup>(1)</sup> This parameter shall be set on the parent unit directly (chapt. 7.1.2). All other parameters are set on the parent unit using the on-screen menu (chapt. 7.1.1)

## 6.2 FULL ECO MODE

The baby monitor provides Full Eco Mode which guarantees safe and efficient supervision on the lowest high-frequency radiation possible. The baby monitor transmits video and audio data when the microphone picks up a sound, otherwise it goes into sleep mode. In sleep mode the baby monitor is 100% free from high-frequency radiation.

As soon as the baby unit detects a sound that exceeds the set sensitivity level, the baby unit is switched on and establishes a connection to the parent unit. This may take a few seconds. Both video and audio data are now transmitted. A few seconds after the sounds near the baby unit stop, the message 'ECO MODE ACTIVATED' appears and the baby monitor returns to sleep mode. The screen goes black again.

**Note** The connection indicator light flashes rapidly to indicate that there is no connection once the baby monitor goes into sleep mode. In this case, this is not a warning, but a confirmation that the baby monitor is in Full Eco Mode.

In Full Eco Mode sound and video data is transmitted according to the set sensitivity level. If volume is switched off (chapt. 7.1.2) you will hear no sound.



Check the range of your baby monitor before you use Full Eco Mode. Make sure you are within range.



### 6.2.1 Switching Full Eco Mode On/Off

1. press the **M** button at the parent unit to open the menu
2. use the **▲** or **▼** buttons to scroll to ECO MODE
3. press the **M** button
4. use the **▲** or **▼** buttons to set the function ON or OFF
5. press the **M** button to confirm your choice
6. press the **↵** button to close the menu

For further information to the parent unit's on-screen menu see chapt. 7.1.1.

## 6.2.2 Forced Viewing

Forced viewing allows to view the room even if the baby is asleep and Full Eco Mode is activated. Just switch on the baby unit from the parent unit:

1. press the  button at the parent unit
2. the message 'ECO MODE ACTIVATED' appears on the screen
3. press the  button again to activate the baby unit
4. you see the video if the baby monitor functions correctly
5. after around 10 seconds the baby unit switches itself off again

## 6.2.3 Out of Range Indication with Full Eco mode On

When Full Eco Mode is activated, the units go into sleep mode and there is no connection between them.








In Full Eco Mode the connection check is disabled and the connection indicator will remain off.


# 7 PARAMETER

## 7.1 PARENT UNIT

### 7.1.1 Menu

The NUK Eco Control + Video has several settings that you can easily adjust via the parent unit using a simple on-screen menu.

1. press the **M** button at the parent unit to open the menu
2. use the  or  buttons to scroll through the menu options
3. press the **M** button to select the option (the selected option changes the colour from light blue to dark blue and the items appear)
4. use the  or  buttons to select a setting (you will hear 2 beeps when you reach the start or end of the list)
5. press the **M** button to save the change
6. press the  button to close the menu

**Note** If you do not press any button for 10 seconds\* (\*chapt. 10) the menu is closed. You can go one step back in the menu structure at any time by pressing the  button.

Apply these steps and you are able to adjust the following settings:

### Language

With the on-screen menu you can set the language in which messages and menu entries are shown on the screen:

1. press the **M** button to open the menu
2. scroll to LANGUAGE
3. select and confirm the desired language

### Lullabies

With the on-screen menu you can start and stop playing lullabies on the baby unit.

1. press the **M** button to open the menu
2. scroll to LULLABY



3. select and confirm the desired lullaby or select ALL to play all the lullabies one after another

If one lullaby is selected it is played repeatedly for 15 minutes\* (\*chapt. 10) and then stops automatically. If you want to stop it earlier, repeat the instructions above, but set STOP to stop the playing.

If the setting ALL is selected, all the lullabies are played one after another. The playing lasts in total around 3 minutes\* (\*chapt. 10). It stops automatically.

**Note** If Full Eco Mode is enabled, first press the M button two times in order to switch the lullabies on or off from the parent unit.

**Note** Lullabies may also be played directly on the baby unit (chapt. 7.2.2).

## Sensitivity

With the on-screen menu you can set the sensitivity with which the baby unit's microphone picks up the sounds and transmits them to the parent unit:


1. press the **M** button to open the menu
2. scroll to SENSITIVITY
3. select and confirm your desired sensitivity  
*Level 1: activated by loud sounds ..... Level 5: activated by quiet sounds*

**Note** You need to determine the ideal level for your needs by trial and error.

## Temperature

At the top of the screen on the parent unit the temperature of the room in which the baby unit is located is displayed (chapt. 1.3.1). It can be shown in degrees Celsius or degrees Fahrenheit. With the on-screen menu you may set a minimum and a maximum temperature limit. An alarm sounds whenever one of those limits is exceeded.

1. press the **M** button to open the menu
2. scroll to TEMPERATURE
3. select FORMAT, MINIMUM, MAXIMUM or ALERT
4. with FORMAT set CELSIUS or FAHRENHEIT  
with MINIMUM set the minimum temperature limit  
with MAXIMUM set the maximum temperature limit  
with ALARM set the temperature alarm ON or OFF

When the temperature alarm is switched on, the indicator  appears in the middle of the top of the parent unit screen (chapt. 1.3.1). The alarm sounds even if the volume has been set off. The alarm sounds once and a message 'TEMPERATURE TOO HIGH' or 'TEMPERATURE TOO LOW' appears repeatedly on the screen.

**Note** You cannot disable the indication of the temperature and the visual warning.

**Note** The displayed temperature is merely indicative and not a precise value.

## Vibration

With the on-screen menu you can set the parent unit to alert you with vibration. If the baby unit detects a sound, the screen is switched on and the parent unit vibrates 3 times in quick succession (independent if Full Eco Mode is switched on or off). It also works with volume set to "volume off" at the parent unit.

1. press the **M** button to open the menu
2. scroll to VIBRATION
3. set vibration ON or OFF

When you have set on the vibration function, it is activated once as a confirmation.

**Note** If the volume on the parent unit is turned on, the vibration function is automatically not active.

### Alert

With the on-screen menu you can set an alarm as a warning that the batteries in the baby unit are low or that the connection between the baby unit and the parent unit has been lost.

1. press the **M** button to open the menu
2. scroll to ALERT
3. select LOW BATTERY or NO LINK ALERT
4. set the relevant alarm ON or OFF

**Note** The alarm sounds even if the volume has been set to off. There are specifics in Full Eco Mode for NO LINK ALERT (chapt. 6.2.3).

### Brightness

With the on-screen menu you can set the brightness of the video as follows:

1. press the **M** button to open the menu
2. scroll to BRIGHTNESS
3. select and confirm your desired brightness

**Note** A low brightness consumes less power.



### Full Eco Mode

With the on-screen menu you can set Full Eco Mode on or off:

1. press the **M** button to open the menu
2. scroll to ECO MODE
3. set the function ON or OFF


Full Eco Mode is described in chapt. 6.2 in full detail.

## 7.1.2 Volume

The settings of the volume define the loudness of played sounds. The volume is increased by repeatedly pressing the  button, decreased by repeatedly pressing the  button. When the maximum or minimum value is reached, 3 short beeps will be heard.






If the screen of the parent unit is switched on, the volume level is shown in the middle of the top line (chapt. 1.3.1):

 = max volume,  = min volume,  = volume off (you can hear no sound)

If you have switched off the volume, the speaker indicator  lights up on the parent unit (chapt. 1.3). This gives you an indication that you have turned off the volume, even if the video is switched off.

**Note** If zoom in (chapt. 7.1.3) is enabled, you cannot adjust the volume. Switch zoom in off first.

### 7.1.3 Zoom In

Press the  button to see a close-up of the image on screen. Press the button again for normal view. You are able to magnify parts of the image on the screen. Use the  or  or  or  buttons to move up, down, left or right to the image part you want to magnify.

### 7.1.4 Talkback

Press the **TALK** button (chapt. 1.3) to talk back to the baby unit. You can talk for as long as you hold the button pressed down. If required adjust the volume on the baby unit (chapt. 7.2.1).

**Note** If you have activated the lullabies, they will be temporarily interrupted during the talkback.



## 7.2 BABY UNIT


### 7.2.1 Volume

On the baby unit, you can adjust the volume by pressing the **+** and **-** buttons. The **+** button will increase the volume. The **-** button will decrease it. The set volume is used for playing the lullabies or your voice when you use talkback (chapt. 7.1.4).

### 7.2.2 Lullabies

You can play lullabies from the baby unit. You can start and stop these lullabies directly on the baby unit or via the parent unit (chapt. 7.1.1).

1. Press the  button to start the lullabies.
2. Lullaby 1 is played repeatedly for 15 minutes.
3. Press the  button to select the next lullaby.

The lullaby stops playing automatically after 15 minutes. You can stop it before that time by pressing the  button at the baby unit.

You can select for playing only one song at a time. If you want to select all songs for playing one after another: Start the lullabies from the parent unit (chapt. 7.1.1).

### 7.2.3 Temperature Indicator

The temperature sensor is located on the back of the baby unit (fig. 8). To ensure an accurate reading you should not cover this sensor or place the unit in direct sunlight. You should also avoid placing the unit next to a heating appliance (e.g. light bulbs). The temperature range is from 11 °C to 30 °C (52 °F to 86 °F).

**Note** The temperature indication is merely indicative and not a precise value.

### 7.2.4 Automatic Night Vision

The baby unit includes 8 built-in infrared LEDs. These LEDs are automatically switched on when it becomes dark around the baby unit. They are automatically switched off when it becomes light. The LEDs illuminate objects up to a distance of approximately 1 meter (3 ft.).

**Note** When the night vision LEDs are switched on, the image on the screen of the parent unit will appear in black and white.

Infrared light cannot be perceived by the human eye. A red glow may, however, be visible.

**Note** The built-in infrared LEDs comply with EN 62471 and do not represent a photobiological hazard.

## 8 HANDLING INSTRUCTIONS FOR THE BABY MONITOR

### 8.1 TRANSPORTATION

We recommend you retain the packaging of the baby monitor. So the equipment can be adequately packed when it is being transported.

### 8.2 CLEANING



Clean the baby monitor with care. Use a damp cloth only. Do not use chemical cleaning products. Before cleaning: Make sure that the mains adapters are disconnected.

### 8.3 MAINTENANCE

The baby monitor does not require maintenance. If you have any problem with your device, check chapt. 9. The instructions described in the corresponding row of the column Solution helps you to solve it. The baby monitor should then work as described in these operating instructions. If not, please contact your retailer or – if available - the repair helpline number for your country (see NUK Contact Addresses)



Never dismantle the mains adapters.

Any claim under warranty and liability will be declared null and void if you repair the baby monitor yourself, if you do not use original parts for replacement, or if you use accessories which are not recommended in this operating instructions.

If repair is required after warranty has expired use specialists for electronic devices only – for your own safety.



During the out of warranty period, repairs on the parent unit or the baby unit must only be carried out by specialists for electronic devices. Never repair mains adapters, mains cables or batteries.

### 8.4 DISPOSAL

Dispose the packaging of the baby monitor in regard of the environment and use available recycling systems.







Do not throw this product away with the normal household waste. Take it to any official collection point for recycling.




The batteries used with the baby monitor contain environmentally hazardous substances.



Do not dispose empty batteries in normal household waste. Take them to your local chemical waste recycling centre.

Problem	Possible cause	Solution
Connection indicator on parent unit does not light up.	Parent unit is switched off.	Press the  button to switch on parent unit (chapt. 1.3).
	Battery of parent unit is not installed correctly.	Install battery (chapt. 3.1.2).
	Battery of parent unit is empty.	Recharge parent unit by connecting it to mains (chapt. 3.1.1).
	No battery is installed in parent unit.	Connect parent unit to mains or install battery (chapt. 3.1.2).
	Mains adapters or mains cables are defective or batteries are drained.	Replace with original parts. Ask your retailer (chapt. 8.3).
Connection indicator on parent unit flashes.	Parent unit and baby unit are out of range with each other.	Reduce distance between units (chapt. 3.2.1).
	Baby unit is switched off.	Press the  button to switch it on (chapt. 1.4).
Battery indicator on baby unit flashes.	Alkaline batteries in baby unit are running low.	Replace alkaline batteries or connect baby unit to mains (chapt. 3.2.1).
Low battery icon on parent unit screen flashes.	Battery in parent unit is running low.	Recharge parent unit by connecting it to mains (chapt. 3.1.4).
	Battery in parent unit is drained or damaged.	Replace with original parts. Ask your retailer (chapt. 8.3).
Parent unit beeps.	Lost connection with baby unit.	Reduce distance between units (chapt. 3.2.1).
	Baby unit is switched off.	Press the  button to switch it on (chapt. 1.4).
	Battery in parent unit is running low.	Recharge parent unit by connecting it to mains (chapt. 3.1.4).
	Temperature alert is triggered.	Check temperature in baby's room.
Cannot see video on screen.	Screen is turned off.	Turn on screen by pressing the  button (chapt. 6.2.2).
	Parent unit and baby unit are out of range with each other.	Reduce distance between units (chapt. 3.2.1).
	Battery in parent unit is running low.	Recharge parent unit by connecting it to mains (chapt. 3.1.4).
	Full Eco Mode is activated.	Check whether Full Eco Mode is activated or not (chapt. 6).
	Mains adapters or mains cables are defective or batteries are drained.	Replace with original parts. Ask your retailer (chapt. 8.3).

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
Cannot hear sound or baby cry.	Volume of parent unit is too low.	Increase volume of parent unit (chapt. 7.1.2).
	Sensitivity of baby unit is too low.	Increase sensitivity of baby unit (chapt. 7.1.1).
	Parent unit and baby unit are out of range with each other.	Reduce distance between units (chapt. 3.2.1).
	Mains adapters or mains cables are defective or batteries are drained.	Replace with original parts. Ask your retailer (chapt. 8.3).
Parent unit is too sensitive to room sounds.	Sensitivity of baby unit is too high.	Decrease sensitivity of baby unit (chapt. 7.1.1).
Parent unit cannot vibrate.	Vibration is switched off.	Switch vibration on (chapt. 7.1.1).
	Volume of parent unit is not switched off.	Switch off volume of parent unit (chapt. 7.1.2).
	Baby's voice is not exceeding sensitivity set on parent unit.	Increase sensitivity of baby unit (chapt. 7.1.1).
	Mains adapters or mains cables are defective or batteries are drained.	Replace with original parts. Ask your retailer (chapt. 8.3).
Baby monitor produces a high-pitched noise.	Parent unit and baby unit are too close to each other.	Widen distance between units (chapt. 3.2.1).
	Volume of parent unit is too high.	Decrease volume of parent unit (chapt. 7.1.2).
Alkaline batteries in baby unit are running low quickly.	Sensitivity of baby unit is too high which causes baby unit to transmit more often.	Decrease sensitivity of baby unit (chapt. 7.1.1) or use mains (chapt. 3.2.1).
	Volume level of baby unit is too high.	Decrease volume of baby unit (chapt. 7.2.1) to save power when playing lullabies or using talkback.
Rechargeable battery in parent unit is running low quickly.	Volume of the parent unit is set high which consumes power.	Decrease volume of parent unit (chapt. 7.1.2) or use mains (chapt. 3.1.1).
	Battery in parent unit is drained or damaged.	Replace with original parts. Ask your retailer (chapt. 8.3).
Talkback is not working.	Baby unit is switched off.	Press the  button to switch it on (chapt. 1.4).
	Lost connection with baby unit.	Reduce distance between units (chapt. 3.2.1).
	Volume of baby unit is too low.	Increase volume of baby unit (chapt. 7.2.1).
	Mains adapters or mains cables are defective or batteries are drained.	Replace with original parts. Ask your retailer (chapt. 8.3).

## 10 TECHNICAL SPECIFICATION

Range:	up to 50 m (164 ft.) indoors up to 300 m (984 ft.) outdoors
Power consumption parent unit:	1.2 W (charging); 1.0 W (fully charged)
Mains adapter parent unit:	6 V DC 800 mA mains adapter model: S006MV0600080 / MOSO MSP-C0800IC6.0-5W-DE / HONRADS-5Q-0606005GPG
Battery parent unit:	3.7 V 950 mAh (3.5 Wh) Lithium Polymer battery model: BYD SCD530-1
Power consumption baby unit:	baby asleep: 0.5W baby cries: 1.1W
Mains adapter baby unit:	6 V DC 800mA mains adapter model: S006MV0600080 / MOSO MSP-C0800IC6.0-5W-DE / HONRADS-5Q-0606005GPG
Batteries baby unit:	4 x 1.5 V AA batteries (not included in delivery)
Frequency:	2.4 GHz, digital frequency hopping (FHSS)/52 channels
Screen:	2.8" colour LCD display QVGA 320 x 240 pixels up to 25 frames/sec, Dynamic Frame Rate
Operating temperature:	0 °C - 45 °C (32 °F - 113 °F)
Operating humidity:	20% - 95% relative humidity
Protection class:	III
Charging time for parent unit battery:	< 6 hours* (whether the parent unit is switched on or off)
Battery life span	
Parent unit:	> 8 hours* (brightness set to low) > 5 hours* (brightness set to high)
Baby unit (alkaline batteries):	> 5 hours*
Range of temperature sensor:	11 °C - 30 °C (52 °F - 86 °F)
Temperature accuracy:	± 2 °C (at 25 °C) ± 2 K (at 77 °F)

*\*: all time data given in the operating instructions are approximate and are dependent on usage and settings and on the condition and quality of the batteries.*

## 11 GUARANTEE/WARRANTY

With careful handling of the device and use in consideration of the operating instructions the manufacturer issues a guarantee for two (2) years from the date of purchase. We agree to repair the device free of charge, provided the fault is either a material or design fault. All other claims are excluded.

Any damage arising from improper use of the device will not be rectified. Mains cables and mains adapters are excluded from the guarantee if the fault is caused by wear. Within the first two years from the date of purchase, we will rectify any faults recognized as being justified without additional charges. All costs must be confirmed in advance. NUK contact addresses can be found at the end of this manual.

When returning the device, the warranty certificate or proof of purchase must be enclosed at all times. Without warranty certificate or proof of purchase you will be charged for the repair. The goods will be returned via COD (Cash on delivery). Batteries are excluded from the guarantee.

Please fill out the warranty certificate immediately after your purchase, and keep it in a safe place. Lost warranty certificates will not be replaced. The warranty certificate can be found at the end of this manual.