



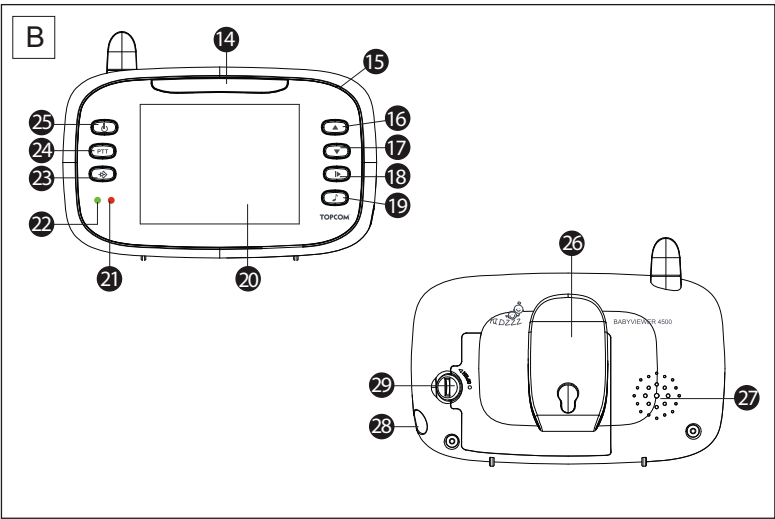
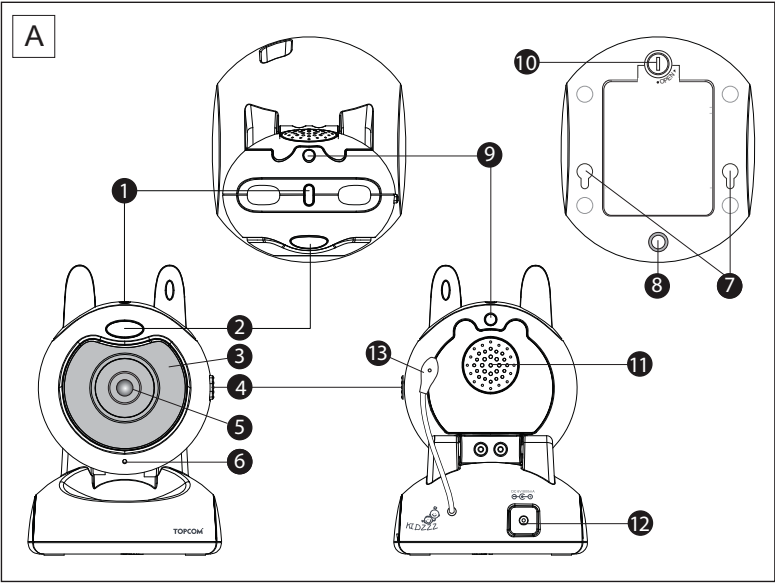
## BABYVIEWER 4500

USER GUIDE / HANDLEIDING / MANUEL D'UTILISATEUR /  
BEDIENUNGSANLEITUNG / MANUAL DE USUARIO / BRUKSANVISNING /  
BRUGERVEJLEDNING / ANVÄNDARHANDBOK / KÄYTTÖOHJE /  
MANUALE D'USOMANUAL DO UTILIZADOR / UŽIVATELSKÁ PŘÍRUČKA /  
ΟΔΗΓΙΕΣ ΧΡΗΣΗΣ / HASZNÁLATI ÚTMUTATÓ / INSTRUKCJA OBSŁUGI /  
UŽÍVATEL'SKÝ MANUÁL

V 1.0 - 03/10



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- SK** Vlastnosti popísané v tejto príručke sú publikované s vyhradeným právom na zmenu.



## 1 General

Dear customer,

We request that you read this information in order to quickly become familiar with this equipment and learn how to use its functions.

## 2 Information regarding this user guide

This user guide contains information on the Babyviewer 4500 babyphone (referred to as 'the equipment' in the following) and provides important instructions on the initial use, safety, proper use and maintenance of this equipment.

Always keep the user guide available near the equipment. Every person responsible for operating, repairing or cleaning the equipment must read and/or consult the user guide.

Keep this user guide in a safe place and give it to the next owner of the equipment.

## 3 Copyright

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All rights are reserved, including rights of photo mechanical reproduction, copying or distribution using specific means such as data processing, data storage media or data networks, either in full or in part, as well as technical changes and changes to the contents.

## 4 Warnings

### ⚠ DANGER

**This warning points out an imminent hazardous situation.**

Death or severe injuries may result if the hazardous situation cannot be avoided.

### ⚠ CAUTION

**This warning points out a potentially hazardous situation.**

Injuries and/or material damage may result if the hazardous situation cannot be avoided.



- This symbol points out information that makes it easier to use the equipment.

## 5 Proper use

This equipment is exclusively intended for private (non-professional) use in closed rooms for monitoring babies. All other forms of use are improper and can lead to hazards.

Always follow the instructions provided in this user guide.

No liability is accepted for any loss or damage resulting from improper use.

The user of the equipment is exclusively responsible for all risks.

## 6 Safety

### 6.1 Risk of electric shock

#### ⚠ DANGER

**Contact with conductors or components under electrical tension can be lethal.**

Observe the following safety instructions in order to avoid the risk of electric shock:

- To avoid the risk of damage to the equipment, use only the AC mains adapter supplied with the equipment.
- Do not use the equipment if the AC mains adapter, the power cable or the plug is damaged.
- Never open the enclosure of the AC mains adapter. There is a risk of electric shock if you touch any contacts or connections under electrical tension or if you modify the electrical or mechanical construction.
- Protect the equipment against moisture and moisture penetration, and keep it free of dust. Unplug the AC mains adapter immediately in case of contact with moisture.
- Unplug the AC mains adapter in case of malfunctions, during thunderstorms, and when cleaning the equipment.
- Protect the cable against contact with hot surfaces or other sources of hazard, and do not allow it to be pinched.

## 6.2 Using batteries (regular or rechargeable)

### ⚠ CAUTION

**Failure to use batteries according to instructions can be hazardous.**

- Always use batteries (regular or rechargeable) of the same type.
- Ensure that batteries are installed with correct polarity. Damage to the batteries and the equipment can result from installation with incorrect polarity.
- Never toss batteries into a fire, due to the risk of explosion.
- Never allow battery terminals to come into contact with each other or with metal objects, either intentionally or accidentally. This can cause overheating, fire or explosion.
- Keep batteries out of the reach of children. Consult a doctor immediately in case of swallowing.
- Fluid from leaking batteries can cause permanent damage to the equipment. Take particular care when handling damaged or leaking batteries, due to the risk of corrosion. Wear safety gloves.
- Remove the batteries if the equipment will not be used for an extended period.

## 6.3 General rules for safe use

To ensure safe use of the equipment, always observe the following safety instructions:

- The equipment must always be assembled by an adult. During assembly, keep small parts out of the reach of children.
- Do not allow children to play with the equipment or parts of the equipment.
- Ensure that the babyphone and power cable are always out of the reach of the baby.
- Never cover the babyphone with a towel, blanket etc.
- Defective components must always be replaced by original replacement parts, as other components may not fulfil the safety standards.
- Switch off your babyphone whenever this is requested by a sign, poster, or other message. The equipment used in hospitals and other health care facilities may be sensitive to high-frequency signals from external sources.

## 7 Operation

The babyphone consists of two units: one for the parents and one for the baby. They are connected by a wireless link compliant with the 2,4 GHz FHSS standard.

Thanks this digital technology, this equipment is protected against eavesdropping and immune to interference from other equipment.

The baby unit starts transmitting as soon as the microphone picks up a sound. The sound is reproduced by the parent unit. The microphone sensitivity can be adjusted by the user (see “10.10 Voice activated transmission (VOX)”).



- The babyphone can never replace proper supervision by an adult; it only provides support.

### 7.1 Baby unit components

See Figure **A** on the fold-out page.







- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 1 On/off LED                    | 8 Crib connector nut              |
| 2 Night light LED               | 9 Light sensor                    |
| 3 Infrared LED for night vision | 10 Battery cover with screw       |
| 4 On/off switch                 | 11 Speaker                        |
| 5 Lens                          | 12 Connector for AC mains adapter |
| 6 Microphone                    | 13 Room temperature sensor        |
| 7 Wall mounting cavity          |                                   |

### 7.2 Parent unit components

See Figure **B** on the fold-out page.

- |   |                                   |
|---|-----------------------------------|
| 14 Volume LED                           | 22 Power on/off LED               |
| 15 Microphone                           | 23 Menu button                    |
| 16 Increase volume / Next menu item     | 24 Push to Talk button            |
| 17 Decrease volume / Previous menu item | 25 On/off button                  |
| 18 Play button                          | 26 Belt clip                      |
| 19 Lullaby button                       | 27 Speaker                        |
| 20 3,5" (8,8cm) colour display          | 28 Connector for AC mains adapter |
| 21 VOX on/off LED                       | 29 Battery cover with screw       |

### 7.3 Display description

- |   |                               |   |                             |
|---|-------------------------------|---|-----------------------------|
|  | Out of range or no connection |  | LCD display brightness icon |
|  | Volume icon                   |  | Temperature unit icon       |
|  | Melody icon                   |  | Night light icon            |

## 8 Initial use

### 8.1 Package content

The equipment is supplied as standard with the following items:

- 1 baby unit
- 1 parent unit
- 2 AC mains adapters
- 1 user guide
- 1 service card
- 1 Li-ion rechargeable battery pack

### 8.2 Installing batteries in the baby unit

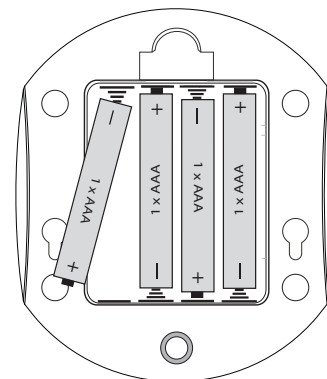
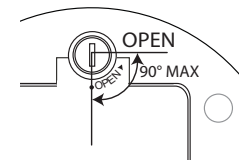
<b>i</b>	<ul style="list-style-type: none"> <li>You can operate the baby unit with 4 AAA cells (LR03; we recommend alkaline cells) or the included AC mains adapter.</li> <li><b>The baby unit cannot recharge batteries.</b></li> <li>It is recommended to always leave the batteries in the unit, even if you use the AC mains adapter. The unit will automatically switch to battery power in case of a mains power interruption.</li> </ul>
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- Turn the screw on the cover of the battery compartment **10** at the back of the baby unit 90° counter clockwise and remove the battery compartment cover.

<b>i</b>	Do not turn the screw past the “OPEN” point.
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- Fit four AAA alkaline cells (LR03) in the battery compartment. Ensure that the polarity is correct.
- Close the battery compartment.

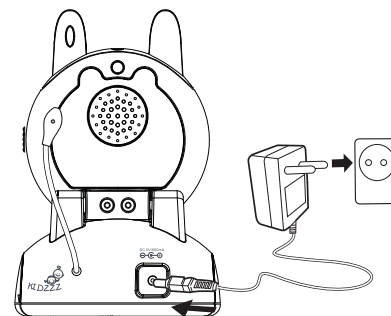
<b>i</b>	Never mix used cells with fresh cells.
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### 8.3 Connecting the baby unit to the AC mains

Insert the small plug of the AC mains adapter in the mains power connector of the baby unit **12** and plug the AC mains adapter into a mains connector (100~240 V - 50/60 Hz).

<b>⚠ CAUTION</b>	
<ul style="list-style-type: none"> <li>The mains connector must be within easy reach so you can quickly unplug the power cable in an emergency.</li> <li>Use only the supplied AC mains adapter (6 V DC / 800 mA).</li> </ul>	



## 8.4 Installing the rechargeable battery pack in the parent unit

See Figure B on the fold-out page.

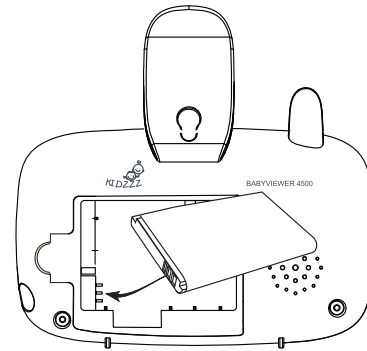
### ⚠ CAUTION

- Use only the supplied Li-ion battery pack in the parent unit.
  - Rotate the belt clip 26 upward.
  - Turn the screw on the cover 29 of the battery compartment at the back of the parent unit 90° counter clockwise and remove the battery compartment cover.



- Do not turn the screw past the “OPEN” point.

- Place the Li-ion battery pack in the battery compartment. Ensure that the battery contacts do make contact with the charge contacts as illustrated.
- Carefully close the battery compartment and rotate the belt clip back downwards.



## 8.5 Connecting the parent unit to the AC mains

- Insert the small plug of the AC mains adapter in the mains power connector 28 and plug the AC mains adapter into a mains connector (100~240 V - 50/60 Hz).



- It takes around 10 hours to fully charge the batteries.

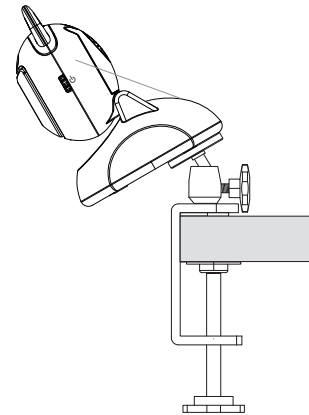
## 9 Installing the Babyviewer 4500

### 9.1 Fine tuning

- Place the camera in a convenient location, point the lens of the camera to the observation area.
- Adjust the angle by rotation the camera.

### ⚠ CAUTION

**Do not place the camera and wires within the baby's reach!  
Fix the camera at least 1 meter away from the baby.**



### 9.2 Fixing the camera

Use the crib connector to fix the baby unit to the crib. (See illustration)

## 10 Operation and use

### 10.1 Switching the baby unit and parent unit on and off

- Press the on/off switch 29 to switch on the parent unit. The display 20 is activated.
- Slide the on/off switch 4 up to switch on the baby unit. The on/off LED 1 is activated.



- The parent unit will try to establish a connection with the baby unit. If captured image from the camera is displayed, a connection has been established.

- Press the on/off switch 29 to switch off the parent unit (press and hold until the display goes blank).
- Slide the on/off switch 4 down to switch off the baby unit.

### 10.2 Checking the connection between the parent unit and the baby unit

You should always check the wireless connection when you use the babyphone for the first time.

- Put the parent unit in the same room as the baby unit, separated by at least two metres.
- Switch on both devices. The parent unit will try to establish a connection with the baby unit.
- The display of the parent unit will show the captured image from the baby unit after the connection has been established (monitor mode).
- The sounds picked up by the microphone 6 are reproduced by the parent unit.

- The volume of the reproduced sound is indicated by the volume LED's 14 at the top of the parent unit. The higher the volume, the more LED's are on.
- If no connection is established, the out of range icon is displayed and a beep is audible.

### 10.3 Out of range indication

The maximum range between the parent- and baby unit is 300 meter in open area. Different factors, such as bricks and plaster walls, will reduce the range. Moreover, reinforced concrete floors will influence the range tremendously. In a residence, normal operating range is up to 50 meters and 2 floors.

- If the connection is interrupted, the out of range icon is displayed and a beep is audible.
- Reduce the distance between the parent and baby units until a new connection is established.

### 10.4 Setting the reproduction volume of the parent unit

There are 5 volume levels.

- Press button ▲ 16 to increase the volume.
- Press button ▼ 17 to decrease the volume.

### 10.5 Setting the parent unit display brightness

When the display is on.

- Press the menu button ⇨ 23 once. The Brightness icon is displayed.
- Press the up ▲ 16 or down button ▼ 17 to select the desired brightness (5 steps).
- Press the menu button ⇨ 23 to confirm.
- After 10 seconds the parent unit will switch back to monitor mode.

### 10.6 Temperature indication

When the display is on, the baby's room temperature is displayed in the right lower corner.

To set the temperature unit:

- Press the menu button ⇨ 23 twice. The temperature icon is displayed.
- Press the up ▲ 16 or down button ▼ 17 to °C (Celsius), °F (Fahrenheit) or "OFF", to switch the temperature indication off.
- Press the menu button ⇨ 23 to confirm.
- After 10 seconds the parent unit will switch back to monitor mode.

### 10.7 Talking with your baby

You can use the parent unit to talk with your baby.

<b>i</b>	<ul style="list-style-type: none"> <li>• Allow your baby to get used to the talk function before you use it in practice.</li> </ul>
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- Press the Talk button ☎ 24 on the parent unit and hold it pressed.
- Hold the parent unit vertical with the microphone approximately 10 cm from your mouth, and speak into the microphone.
- Release button ☎ 24 when you have finished talking.

### 10.8 Playing a lullaby

There are 5 pre-programmed lullabies that you can play on the baby unit.





- To play the currently selected lullaby or stop playback, press the play button ▶ 18 on the baby unit.
- To select a different lullaby, repeatedly press the lullaby button 🎵 19 until the desired lullaby is selected. The lullaby icon will display the selected lullaby (1 to 5). If no number is displayed, next to the lullaby icon, all songs will be played successively.

When the lullaby starts playing, you have 10 seconds to set the volume of the lullaby.

- Press the up button ▲ 16 to increase the volume or the down button ▼ 17 to decrease the volume.

<b>i</b>	<ul style="list-style-type: none"> <li>• 10 seconds after starting or selecting the lullaby, the parent unit will return to monitor mode. The up button ▲ 16 and down button ▼ 17 can than only be used to set the volume of the parent unit.</li> <li>• To set the volume of the lullaby in monitor mode, switch the lullaby off and on using the button ▶ 18 first before selecting the volume.</li> </ul>
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## 10.9 Switching the night light on and off




- Press the menu button  23 3 times. The night light icon is displayed.
- Press the up  16 or down button  17 to switch the night light “ON” (night light 2 is on) or “OFF”.
- Press the menu button  23 to confirm.
- After 10 seconds the parent unit will switch back to monitor mode.



## 10.10 Voice activated transmission (VOX)



During night and to save energy, the Babyviewer 4500 can be set in VOX mode.

In VOX mode, the display will be activated as soon as the microphone of the baby unit will capture sound.


You can set the sound detection sensitivity (VOX) of the babyphone. If the sensitivity is set to high, the baby unit will pick up weaker sounds.

- Press button  23 4 times. “VOX” is displayed.
- Repeatedly press button  16 or  17 to set the VOX sensitivity.

<b>i</b>	<ul style="list-style-type: none"> <li>• The VOX sensitivity is indicated by a black bar on the display:   - high sensitivity   - low sensitivity</li> </ul>
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- To switch off VOX mode, select “OFF”.
- Press the menu button  23 to confirm.
- After 10 seconds the parent unit will switch back to monitor mode. The display will turn off until sound is detected by the baby unit. In VOX mode, the VOX LED  will illuminate.

## 10.11 Night vision

The camera has 4 high-intensity LED’s for picking up clear images in the dark. When the build in light sensor  9 measures the ambient light level as low, the LED’s will automatically activate.

<b>i</b>	The image changes automatically into black and white mode under the night vision mode.
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## 11 Cleaning and maintenance

This section contains important instructions for cleaning and maintaining the equipment.

Follow these instructions to ensure trouble-free use and prevent damage to the equipment due to improper maintenance.

### 11.1 Safety Instructions

<b>⚠ DANGER</b>
<p><b>Risk of fatal injury due to electric shock!</b></p> <ul style="list-style-type: none"> <li>• Before cleaning the equipment, switch it off and unplug the power cable from the mains receptacle.</li> </ul>
<b>⚠ CAUTION</b>
<p><b>Risk due to leaking battery fluid</b></p> <p>Fluid from leaking batteries (regular or rechargeable) can cause injuries (skin irritation) or damage to the equipment. Wear safety gloves.</p>
<b>⚠ CAUTION</b>
<ul style="list-style-type: none"> <li>• Do not use cleaning products or solvents. They can damage the case or seep into the equipment and cause permanent damage.</li> </ul>

### 11.2 Cleaning

- Clean the equipment with a soft, slightly dampened cloth.
- Clean soiled connectors and contacts with a soft brush.
- Clean the battery contacts and battery compartment with a dry, lint-free cloth.
- If the equipment gets wet, switch it off and remove the batteries immediately.  
Wipe the battery compartment dry with a soft cloth in order to minimize potential water damage.  
Leave the battery compartment open until it is completely dry.  
Do not use the equipment before it is completely dry.



### 11.3 Maintenance

- Check the batteries (regular or rechargeable) in the equipment regularly and replace them when necessary.
- Check the connectors and cables for defects.

**⚠ CAUTION**

- If you suspect that the equipment is damaged, always have it checked by an expert before using it again.

## 12 Troubleshooting

This section provides important instructions for localising and correcting problems. Follow these instructions in order to avoid hazards and damage.

### 12.1 Safety Instructions

**⚠ DANGER**

**Risk of fatal injury due to electric shock!**

- Unplug the power cable before attempting to correct a problem.

**⚠ CAUTION**

**Risk of hazard due to incorrect repairs**

Incorrect repairs can expose users to serious hazards and cause damage to the equipment.



- Never attempt to modify or repair the equipment.
- Always have repairs to equipment or cables performed by a specialist or the service centre.
- If you suspect that the equipment is damaged (for example, if it has fallen on the floor), have it checked by a specialist before you use it again.

### 12.2 Problem causes and solutions

The following table is intended to help you localise and solve minor problems.

Problem	Possible cause	Solution
<b>The rechargeable battery pack of the parent unit does not charge</b>	Charging station plug not connected	Connect plug
	Dirty contacts	Clean the battery terminals and charging station contacts with a soft cloth
	The rechargeable battery pack is defective	Replace the battery pack
<b>Parent unit does not switch on (display remains black)</b>	The rechargeable battery pack is not charged	Charge the battery pack
	Equipment defective	Contact customer service
<b>The 'out of range' icon appears on the parent unit display</b>	Baby unit not switched on	Switch on the baby unit
	The parent unit and baby unit are too far apart	Reduce the distance between the parent unit and the baby unit
	The parent unit is not registered with the baby unit	Register the parent unit with the baby unit (see "12.3 Registering the parent unit with the baby unit")
<b>The parent unit does not reproduce the sounds picked up by the baby unit</b>	The volume setting of the parent unit may be too low.	Increase the volume setting of the parent unit
	The microphone sensitivity of the baby unit may be set too low.	Check the VOX sensitivity and the volume setting of the parent unit and increase if necessary.
<b>Limited range and interference during transmission</b>	The range of the equipment depends on the surroundings. Steel structures and concrete walls can impair transmission.	Avoid obstacles as much as possible.
<b>The equipment emits a high-pitched whistle</b>	The parent unit and baby unit are too close together	Increase the distance to at least 2 metres

## 12.3 Registering the parent unit with the baby unit

- Switch the baby unit off.
- Cover the light sensor with a black cloth and switch the baby unit on. The Power LED on the baby unit flashes quickly for approximately 15 seconds.
- With the parent unit switched on, press and hold the play button  **18** for a few seconds.
- An icon appears in the display.
- Press the menu button  **23** to confirm the selection.
- “C1 ....” Appears initially, then “C1 .... OK”. When a connection is established, the image viewed by the lens appears in the display.

<b>i</b>	If “C1 .... X” appears (registration failed), it may be necessary to remove the batteries from the baby unit for a few seconds before trying again.
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## 13 Storage and disposal instructions

<b>i</b>	• We recommend that you keep the box and packing materials so you can use them to transport the equipment in the future if necessary.
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### 13.1 Storage

Remove the batteries (regular or rechargeable) from the parent unit and the baby unit.  
Store the equipment in a dry location.

### 13.2 Waste disposal of package materials



The package materials are environmentally friendly materials that can be given to your local waste collector for recycling.

### 13.3 Waste disposal (environmental protection)



Dispose of the equipment in accordance with the provisions of European Directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE), regarding discarded electrical and electronic equipment. Contact your municipal waste disposal department for information.  
Dispose of batteries (regular or rechargeable) in an environmentally friendly manner in accordance with local regulations.

## 14 Technical data

Frequency	2,4GHz
Range	Outdoors: up to 300 m (Line of sight) Indoors: up to 50 m
Operating temperature	0°C to 40°C 20% to 75% relative humidity
<b>Parent unit</b>	
Display	3,5" (8,8 cm) TFT LCD
Rechargeable batteries	Included battery pack: <ul style="list-style-type: none"> <li>– SKL BL-50C</li> <li>– Li-ion</li> <li>– 3,7V 1100 mAh</li> </ul>
AC mains adapter	Manufacturer: Sure Power Model: SW-060080EU Input: 100~240V AC, 50/60Hz, 0,2A Max Output: 6 V DC / 800 mA
Dimensions	approx. 137 x 84 x 60 mm
Weight	125 g (without rechargeable batteries)
<b>Baby unit</b>	
Image sensor	Colour CMOS
Lens	f 4.4mm, F 3.0
Night vision	4 Infrared LED

Batteries	4 Alkaline cells (LR03/AAA) (not included)
AC mains adapter	Manufacturer: Sure Power Model: SW-060080EU Input: 100~240V AC, 50/60Hz, 0,2A Max Output: 6 V DC / 800 mA
Dimensions	approx. 86 x 100 x 125 mm
Weight	132 g (without batteries)

## 15 EC conformity declaration

TOPCOM EUROPE NV hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The declaration of conformity can be found at <http://www.topcom.net/cedclarations.asp>

## 16 Topcom warranty

### 16.1 Warranty period

The Topcom units have a 24-month warranty period. The warranty period starts on the day the new unit is purchased. There is no warranty on standard or rechargeable batteries (AA/AAA type). Consumable or defects causing a negligible effect on operation or value of the equipment are not covered. The warranty has to be proven by presentation of the original or copy of the purchase receipt, on which the date of purchase and the unit-model are indicated.

### 16.2 Warranty handling

A faulty unit needs to be returned to a Topcom service centre including a valid purchase note. If the unit develops a fault during the warranty period, Topcom or its officially appointed service centre will repair any defects caused by material or manufacturing faults free of charge, by either repairing or exchanging the faulty units or parts of the faulty units. In case of replacement, colour and model can be different from the original purchased unit.

The initial purchase date shall determine the start of the warranty period. The warranty period is not extended if the unit is exchanged or repaired by Topcom or its appointed service centre.

### 16.3 Warranty exclusions

Damage or defects caused by incorrect treatment or operation and damage resulting from use of non-original parts or accessories are not covered by the warranty.

The warranty does not cover damage caused by outside factors, such as lightning, water and fire, nor any damage caused during transportation.

No warranty can be claimed if the serial number on the units has been changed, removed or rendered illegible. Any warranty claims will be invalid if the unit has been repaired, altered or modified by the buyer.

### 16.4 LCD defect policy

Despite the highest possible standards, the intricate manufacturing of liquid crystal display (LCD) screens may still produce slight visual imperfections. However, there will be provided a warranty service for your Babyviewer 4500 LCD screen if there are:

- 3 bright dots or 5 dark dots or 8 bright and/or dark dots in total; or
- 2 adjacent bright dots or 2 adjacent dark dots; or
- 3 bright and/or dark dots inside an area of 15mm diameter

These TFT LCD screen warranty conditions are offered by the LCD manufacturers. Therefore, at its option, the product will be repaired or replaced.

**Please note: A bright dot is a white or sub-pixel that is always on. A dark dot is a black or sub-pixel that is always off.**





## **BABYVIEWER 4500**

visit our website  
**[www.topcom-kidzzz.com](http://www.topcom-kidzzz.com)**