

# USER MANUAL



**Alecto®**

**DBX-76**

# 1 ECO MODE

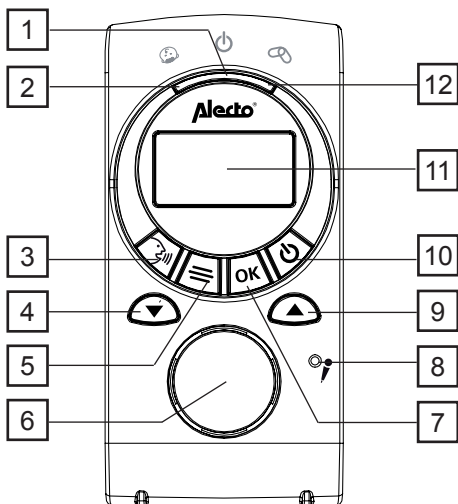
Given the unique ECO MODE function on the DBX-76 baby monitor, the transmitter can be automatically and COMPLETELY deactivated when your baby is sleeping peacefully. The baby monitor will only be turned on when necessary, for example if your baby is crying.




Take note that if the baby makes a sound, the baby unit will need to make a connection with the parent unit again. As a result, the first few seconds of sound or short sounds may not be heard. If you wish to hear every sound coming from the baby's room, then set the sensitivity of the baby unit to maximum (level = 5). At this level the baby unit will stay on continuously. You can also disable the ECO MODE ON-OFF switch located at the bottom of the baby unit.


More information about the ECO MODE can be found in Section 5.1.

# 2 GENERAL FUNCTIONS

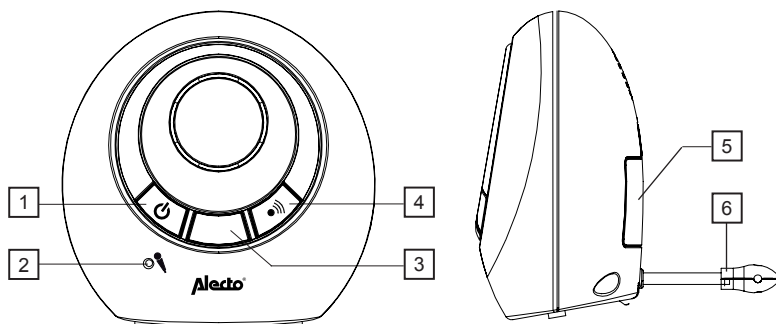
## 2.1 OVERVIEW PARENT UNIT



1. Light :  
Flashes when the parent unit is switched off and being charged on the charger (will stop flashing when the batteries are full).  
Lights up continuously when the parent unit is switched on.  
Flashes when the parent unit is off the charger and the batteries are running low.
2. Light :  
lights up when the baby unit detects a sound and the volume on the parent unit is set to 0 (off).
3.  Key:  
talk back button to the baby unit.
4. ▼ Key:  
Press repeatedly to decrease the receiver volume or to scroll through the settings.

5. **≡ Key:** To open the menu.
6. Built in loud speaker.
7. **OK Button:** to confirm the settings.
8. Built in microphone.
9. **▲ Key:**  
Press the ▲ key repeatedly to increase the receiver volume or to scroll through the settings.
10. **⏻ Key:**  
Press for more than 2 seconds to turn the parent unit on.  
Press again for more than 2 seconds to turn the parent unit off.
11. Display (see next page).
12. Light : connection indicator:  
Flashes 1x per second while the parent unit is searching for the baby unit.  
Lights up continuously when the parent unit is connected to the baby unit.  
Flashes 1x per 5 seconds if the ECO MODE is switched on (see section 5.1).

## 2.2 OVERVIEW BABY UNIT:



1. **⏻ Key:**  
Press once quickly to switch the baby unit on and for more than 1 second to turn off the baby unit.
2. Built-in microphone.

3. Night light, the on /off indicator:  
Lights up when the baby unit is switched on, and goes off when the baby unit is switched off.
4. ●))) Key: press for more than one second in order to call the parent unit.
5. Battery compartment.
6. Temperature sensor.

## 2.3 OVERVIEW DISPLAY:



Displays the various functions and alerts during usage.

Displays the various settings during programming.



lights up when the lullabies are playing.



shows the temperature from the baby unit.



indicates the level of battery time available.




lights up during the setup of the sensitivity.

# 3 INSTALLATIONS

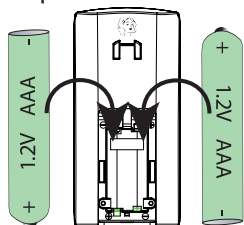
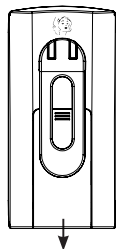
## 3.1 PARENT UNIT:

The parent unit is powered by the two supplied rechargeable batteries. These batteries can be charged using the included holder/charger.

### ATTENTION:

 **NEVER place normal batteries in the parent unit. Normal batteries are not rechargeable and may explode if charging causing irreparable damage to the parent unit.**

1. Slide the battery cover located at the back of the parent unit downwards to take off.
2. Place the two supplied rechargeable batteries in the battery compartment taking note of the polarity (+ and -).
3. Slide the battery cover back on again.
4. Place the power adapter connected to the cradle/charger into a 230Volt electrical wall outlet and place the parent unit onto the cradle/charger.
5. Leave the parent unit on the cradle/charger for 15 hours in order to properly charge the battery.




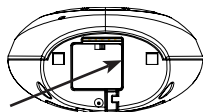
### ATTENTION:

**Put the batteries into the parent unit first before placing it on the charger to charge the batteries. Never place the parent unit on the charger without the batteries.**

## 3.2 BABY UNIT:

The baby unit is powered from the supplied power adapter. The baby unit can also be used cord free, for example if on holiday you can use four regular batteries. The power adapter for the baby unit is included. Batteries for the baby unit are not included.

1. Open the battery compartment on the back of the baby unit by unscrewing the screw using a small screwdriver and turning counter clockwise to loosen.
2. Place 4 batteries as indicated in the battery compartment taking note of the polarity (+ and -).
3. Place the battery cover back onto the baby unit and turn the screw back on by turning it clockwise.
4. Connect the low voltage plug from the adapter into the 7VDC 0.42 A  connection on baby unit, then insert the other end of the adapter into a 230Vol electrical wall outlet.



Only use NORMAL (NON rechargeable) batteries for the baby unit, and preferably type ALKALINE.

### 3.3 PLACEMENT TIPS:

- DO NOT place the baby unit into the bed with the baby, and keep a minimum distance of 2 meters between the baby and the baby unit.
- MAKE SURE THE BABY CAN NOT TOUCH THE ADAPTER CORD.
- Do not place the baby monitor onto a cellulose surface as the rubber feet may leave marks.
- Do not place the baby unit or the parent unit in direct sunlight or in a damp place. The baby monitor is not waterproof. Too much moisture may cause damage to the electronics.

### 3.4 BELT CLIP:

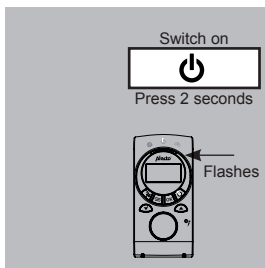
The belt clip allows you to carry the parent unit more easily so that it is not an added hindrance when you move around.

You can take the belt clip off by sliding it downwards and place it back on again by sliding it upwards.

# 4 HOW TO USE

Please note that this baby monitor should only be used as an added assistance. The unit does not replace the physical presence and oversight of a parent or guardian.

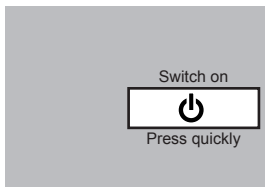
## 4.1 ON / OFF AND CONNECTION CONTROL:



### Switch the parent unit on:

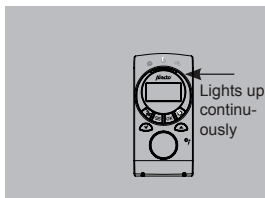
Press the on/off button for more than 2 seconds in order to switch the parent unit on.

The connection indicator (∞) will flash and the parent unit will establish a connection with the baby unit.



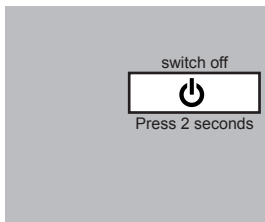
### Switch the baby unit on:

Press once quickly on the on/off button, the night light will go on and the baby unit will be switched on.



### Connection OK:

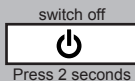
When the parent unit and baby unit have 'found' a connection together, the connection indicator (∞) on the parent unit will light up continuously.



### Switch parent unit off:

Press the on/off button for more than 2 seconds to turn the parent unit off.





#### Switch baby unit off:

Press the on/off for more than 2 seconds to turn the baby unit off.

### **4.2 LISTENING:**

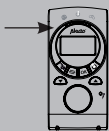
If the baby unit detects sound, this sound is then sent to the parent unit.



#### Receiving Volume:

Press the ▲ and ▼ keys on the parent unit in order to set the volume level (5 levels + sound off).

*When the maximum or minimum volume has been reached an additional double beep sound will be heard when pressing the + or - key.*



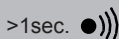
#### Optical audio message:

If the volume on the parent unit is switched off, the following icon ☹️ located on the parent unit will light up when the baby unit detects a sound.

*See also section 4.9 'Alert tones when the sound is off'.*

### **4.3 CALL TONE TO THE PARENT UNIT:**

You can use this feature to request assistance from the baby room or to search for the parent unit if it is lost. Please note that the parent unit must be switched on in order to receive any sounds.




Press the ●))) button on the baby unit for more than a second in order to send 30 seconds of call tones to the parent unit.

*You can end the call tones by pressing once quickly on the ●))) button on the baby unit or by pressing any key on the parent unit. The tones on the parent unit have a fixed level of volume regardless of the volume setting.*

## 4.4 TALK BACK:



Press the  button on the parent unit to talk back to the baby unit; let this button go again in order to listen.

*The talkback volume is fixed and cannot be changed.*

## 4.5 LULLABIES:

The baby unit has 5 different programmed lullabies. You can start and stop the songs of your choice from the parent unit.





2x



### 4.5.1 Start / stop:

Press the  key.



Select the [Lullaby] option by using the  and  keys.

Press 2x on the **OK**-button to start or stop the play back of lullabies.



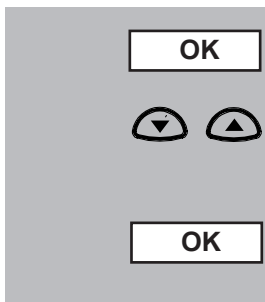
### 4.5.2 Selecting a lullaby:

Press the  key.

Select the option [Lullaby] by using the  and  buttons.

Press the **OK** button.

Select the option [Select New] using the  and  buttons.

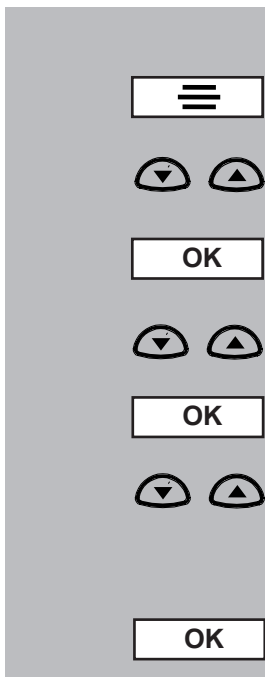


Press the **OK** button.

Use the ▲ and ▼ keys to select the desired song (*select [Play All] to play all the songs in sequence*).

Press the **OK** button to confirm your selection.

#### 4.5.3 Setting the playback volume:



Press the ≡ key.

Select the option [Lullaby] using the ▲ and ▼ keys.

Press the OK button.

Select the [Volume] option using the ▲ and ▼ keys.

Press the OK button.

Use the ▲ and ▼ keys to select the desired level of volume for the playback (level ■ minimum volume, level ■■■■■ maximum volume).

Press the OK button to confirm your selection.






While the lullabies are playing the 🎵 symbol with light up, and the song that is playing ('song x', where  $x = 1 \sim 5$ ) or the word 'All' will be shown above the display according to your selection.

After 15 minutes of playing the lullabies will automatically stop.

If you wish to speak words of comfort to your baby while playing the lullabies, press the 🎵 key and the lullabies will stop.

## 4.6 LANGUAGE DISPLAY:

The various instructions and messages on the display can be given in different languages. The language can be set as follows:




	Press the <b>≡</b> key.
	Select the [Language] option using the keys <b>▲</b> and <b>▼</b> .
	Press the <b>OK</b> button.
	Use the <b>//</b> and <b>//</b> keys to select the desired language.
	Press the <b>OK</b> button to confirm your selection.

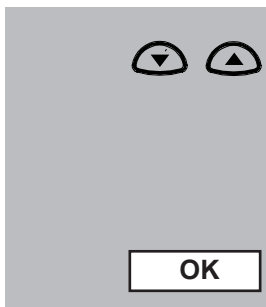
If you have selected the wrong language and you do not know how to go back and set the desired language, proceed as follows:

1. Press 1x on the **≡** key.
2. Press 1x on the **▲** key.
3. Press 1x on the **OK** button.
4. Using **▲** and **▼** keys select the language you want.
5. Press the **OK** button.

## 4.7 SENSITIVITY:

The sensitivity level of the baby unit can be adjusted as follows:

	Press on the <b>≡</b> key.
	Select the [Sensitivity] option using the <b>▲</b> and <b>▼</b> keys.
	Press the <b>OK</b> button.



Select the sensitivity level using the ▲ and ▼ keys.

Level ■■■ indicates a low level of sensitivity.

Level ■■■■ indicates a high level of sensitivity.

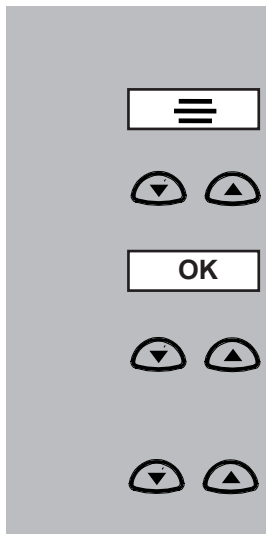
Level ■■■■ indicates that the transmitter is now switched on continuously so you can also listen while the baby sleeping

Press the **OK** button to confirm your selection.

## 4.8 TEMPERATURE DISPLAY AND ALARM:

When the baby is at rest, the temperature in the baby room will be shown either in degrees Celsius or in Fahrenheit on the display of the parent unit.

Using this feature, you can program in a lower and upper limit of temperature. When the temperature limit is exceeded, a warning sound will be displayed: [HIGH] or [LOW]. You can also set an alarm sound to go off.



### 4.8.1 Change display to Celsius or Fahrenheit:

Press the ≡ key.

Select the [Temperature] option by pressing the ▲ and ▼ keys.

Press the **OK** button.

If Celsius was selected:

choose the [Degree F] option with the ▲ and ▼ keys.

If Fahrenheit was selected:

choose the (Degree C) option using the ▲ and ▼ keys.



Press the **OK** button to confirm your selection.

#### 4.8.2 Setting the lower and upper temperature limits:



Press the  key.



Select the [Temperature] option using the ▲ and ▼ keys.

2x



Press 2 x on the **OK** button.



Set the upper limit using the ▲ and ▼ keys.



Press the **OK** button.



Set the lower limit by pressing the ▲ and ▼ keys.



Press the **OK** button.



Press the  button to confirm the setting.

#### 4.8.3 On/off temperature alarm:



Press the  key.



Select the [Temperature] option by pressing on the ▲ and ▼ keys.



Press the **OK** button.



Select the [Temp Alert] option by pressing the ▲ and ▼ keys.

2x

**OK**

Press 2x on the **OK** button (*if the alarm was off, then it will now be turned on; if the alarm was activated, then it will be deactivated*).



Note that the temperature displayed is only an indication of the temperature.



#### 4.9 WARNING-TONES WHEN THE SOUND IS OFF:

If the sound of the parent unit has been turned off, a warning beep tone will still go off should the parent unit detect a loud noise.



Press the  key.



Select the [Sound Alert] option by pressing on the  and  keys.

2x

**OK**

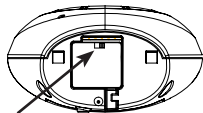
Press 2x on the OK button (*if it tones were turned off, they will now be switched on; if the tones were turned on, they will now be turned off*).

# 5 OTHER FUNCTIONS

## 5.1 ECO MODE:

When the ECO MODE is switched on, the transmitter connection will stop completely when the baby is asleep.

The ECO MODE can be turned on and off by using the ON/OFF switch located at the bottom of the baby unit (you can change this switch using a pointed object). (ON = switches on ECO mode, OFF = switches on ECO mode).



- *Take note: In FULL ECO MODE there is no connection control, see the following section.*

## 5.2 CONNECTION CONTROL:

### 5.2.1 ECO MODE off:

When the parent unit and the baby unit have a connection with each other, the connection indicator (∞) on the parent unit will light up continuously.

When the parent unit is out of range of the baby unit (if the baby unit is turned off), the connection indicator light will flash. Double beep tones will also sound repeatedly.

When the out of range problem is solved, the connection indicator will light up continuously again and stop beeping.

Furthermore when the units are first turned on, the connection indicator will flash for ten seconds on the parent unit. This happens while the parent unit is 'searching' for the baby unit. Once the baby unit is 'found', the connection indicator will light up continuously.





### 5.2.2 ECO MODE on:

If you have enabled the ECO MODE on the baby unit, as long as the baby is asleep and completely at rest; there will be no automatic connection control. The connection indicator will flash 1x every 5 seconds in order to show that the ECO MODE is switch on and you do not have an active continuous connection.





When the baby cries, the baby unit will re-establish an active connection with the parent unit and the link indicator will light up continuously. Once the baby is quiet, the ECO MODE will be turned back on and the light will blink again every 5 seconds.


When the ECO MODE has been switched on the baby unit it will be in complete rest. Nevertheless you can check if you are in range of the baby unit:


1. Press once quickly on the  key on the parent unit, the parent unit will send a signal to the baby unit and if you are in range of the baby unit a signal will be send back as a confirmation.
2. If the parent unit receives the signal back, then you are in range of the baby unit; you will hear a beep tone and the connection indicator  will continue to flash every 5 seconds.
3. If the parent unit does not receive a signal back then you are out of range of the baby unit, or it is switched off; you will hear 3 short beep tones and the connection indicator flashes 1x per second, you will hear 2 short beep tones and the display will show [no connection]. Reduce the distance between you and the baby unit (press regularly on the // key to check the connection).

### 5.3 BATTERY INDICATOR PARENT UNIT:

The parent unit is equipped with a battery indicator located on the display:

-  battery full
-  battery 2/3 full
-  battery 1/3 full
-  battery empty

- When the parent unit is on the cradle/charger, the battery icon will indicate that the batteries are charging. If the batteries are full, the battery icon display will show full; the light will also flash while the batteries are charging.
- If the parent unit is taken off the cradle charger, the battery icon will change to show the power level of the batteries.
- Shortly after the battery-low indicator (  ) lights up, the parent unit will turn off.
- After the parent unit is placed in the cradle/charger to recharge the batteries, the parent unit can be used again.

Next to the battery icon on the display is a light  which gives further information as to the level of the battery:

- If the parent unit is in the cradle/charger but not switched on, the light will flash as an indicator that the batteries are charging, and will stop flashing when the batteries are fully charged.
- If the parent unit is in use and not placed on the cradle/charger, the light will start flashing when the batteries start running low. A beep tone will also sound every 2 minutes; you will have 30 to 60 minutes to place the parent unit back on the cradle/charger before the parent unit will switch off automatically. You can also insert newly charged batteries from a separate charger.

# 6 GENERAL (SAFETY) INSTRUCTIONS AND TIPS

## 6.1 GENERAL:

Check the function ability of the baby monitor each time before use. In addition to checking the range and connection control of the DBX-76, it is recommended to regularly check the connection during usage.

The baby monitor should only be used as an assisting device and not as a substitute for an adult or baby-sitter.

The DBX-76 should not be used for anything else than for detecting sounds from within your own private premises; anyone else within the listening perimeter of the baby monitor should be informed.

A license is not required in order to use the wireless baby monitor. The system can be used as needed within the home. There is no guarantee, however, that the signal will always have an interference-free signal.

If the baby monitor and parent unit are not being used, it is advisable to turn them off using the on/off button.

## 6.2 TEMPERATURE DISPLAY:

The temperature sensor sticks out from the back of the baby unit.

In order for the sensor to obtain an accurate reading do not cover the sensor or place it in direct sunlight.

Also placing the sensor up against or near a heater can influence the temperature indicator.

Please note that the displayed temperature is only an indication.

### **6.3 USING MULTIPLE BABY MONITORS:**

The technology behind the DBX-76 makes it possible for more DBX-76 baby monitors (baby unit and parent unit) to be used next to each other in order to monitor multiple baby rooms simultaneously and still have an interference-free signal; each parent unit and baby unit is equipped with a unique code. This code prevents the DBX-76 from picking up sounds from other baby monitors in the area, or that other baby monitors pick up the sounds coming from your baby monitor.

It is not possible to expand your DBX-76 with additional single baby units or single parent units.

### **6.4 RANGE:**

The connection range of the baby monitor is up to 300 meters in an open field and 50 meters in a house; the range can differ according to external conditions (concrete walls, other baby monitors, cordless phones, etc).

### **6.5 POWER SUPPLY:**

#### Adapters:

Only use the supplied adapter and not other adaptors. Connecting a power adapter, other than the supplied adapters, may cause damage the electronics on the DBX-76.

#### Batteries:

The parent unit can only be charged using RECHARGEABLE batteries.

Only insert batteries with the following specifications:

- \* Format: AAA / pencil cell / HR03 / 1.2V
- \* Type: NiMH (Nickel-Metal-Hydride), re-chargeable
- \* Power: 750mAh or higher

## 6.6 BATTERY USAGE:

### 6.6.1 Parent Unit:

Fully charged NiMH batteries, with a capacity of 750mAh, can supply the parent unit with power for between 12 to 15 hours without needing the power adapter. The time depends on the amount of usage (how often the baby cries switching the sound of the parent unit on, talking into the monitor, level of the volume, etc.).

Take note that the parent unit will also consume some power while it is switched off. It is therefore advisable to leave the parent unit on the charger, even when you are not using the baby monitor. This ensures that the batteries are fully charged when you need to use the baby monitor.

The charging time needed to fully charge a NiMH battery with the capacity of 750mAh, is approximately 12 hours.

### 6.6.2 Baby Unit:

The baby unit can operate between 12 to 15 hours when using 4 good quality alkaline batteries. The amount of time depends on the amount of usage (if the baby unit comes on and off often, if the eco-mode is put on or off, etc.).

## 6.7 ENVIRONMENT:

The packaging of this baby monitor can be recycled as old paper.



Should this product reach the end of its life cycle, do not dispose of it into the normal household waste. Rather take it to a collection point for the recycling of electrical and electronic equipment.

Old or damaged batteries should be disposed of in an environmentally friendly manner according to your local regulations. Do not throw away used batteries together with your household waste.

## **6.8 MAINTENANCE:**

Clean the baby monitor only with only a damp cloth; never use chemical cleaners.

Before cleaning any attached power adapters should be disconnected.

## **6.9 ADAPTOR CORD:**



TO PREVENT A CHOKING HAZARD IT IS VERY IMPORTANT TO ENSURE THAT YOUR BABY CANNOT REACH THE POWER ADAPTER CORD.

# 7 MULFUNCTION TABLE

## MALFUNCTION: POSSIBLE CAUSE AND REMEDY:

LINK light flashes + Alert beep tones coming from the parent unit.	<p>The connection link between the parent unit and baby unit has been dropped.</p> <ul style="list-style-type: none"><li>- Check whether the parent unit and the baby unit are both turned on.</li><li>- Check the power supply (AC adapter or batteries).</li><li>- Check the distance between the parent unit and baby unit, change if necessary.</li></ul>
No sound coming from the parent unit.	<ul style="list-style-type: none"><li>- The volume is off, turn it on.</li><li>- The sensitivity level is set too low, increase it.</li></ul>
Beep tones coming from the parent unit.	<p>The volume is too loud and is giving a ringing tone 'feedback'</p> <ul style="list-style-type: none"><li>- Turn down the volume on the parent unit.</li><li>- Increase the distance between the parent unit and the baby unit.</li></ul>

If the tips outlined above do not resolved the problem, try to correct the malfunction as follows:

1. Remove the batteries from the parent unit and where applicable, also from the baby unit.
2. Take the power adapter out of the electrical wall outlet.
3. Wait a few minutes.
4. Replace the batteries back and re-connect the power adapter again.

If the malfunction occurs again, please contact your dealer.

## 8 DECLARATION OF CONFORMITY

The device complies with the essential requirements and provisions as defined in the European Directive 2014/53/EU.

The declaration of conformity is available on:  
<http://DOC.hesdo.com/DBX-76-DOC.pdf>



## 9 GUARANTEE

Name:

Address:

Postal code:

Place:

Keep this with your

cash or purchase

receipt

The Alecto DBX-76 has a guarantee of 24 MONTHS after the date of purchase. We guarantee during this period the free repair of defects caused from the material and workmanship. Some things are kept for the assessment of the importer.

If you notice a defect, first consult the manual. If the manual does not give a definite answer, please contact your dealer.

### TERMINATION OF GUARENTEE:

For improper use, faulty connections, leaking and /or incorrect battery placement, the use of non-original parts or accessories, negligence and damage caused by fire, flood, lightning and natural disasters. If unauthorized modifications and/or repairs are done by third parties.

For incorrect transportation without a suitable container and if the device is not accompanied by the warranty card and purchase receipt. (Rechargeable) batteries are not covered by the guarantee.

Any further liabilities, especially for any consequential damage are excluded.

# 10 TABLE OF CONTENTS

<b>1</b>	<b>ECO MODE.....</b>	<b>2</b>
<b>2</b>	<b>GENERAL FUNCTIONS</b>	
2.1	OVERVIEW PARENT UNIT .....	3
2.2	OVERVIEW BABY UNIT .....	3
2.3	OVERVIEW DISPLAY .....	5
<b>3</b>	<b>INSTALLATIONS</b>	
3.1	PARENT UNIT .....	6
3.2	BABY UNIT .....	6
3.3	PLACEMENT TIPS .....	7
3.4	RBELT CLIP .....	7
<b>4</b>	<b>HOW TO USE</b>	
4.1	ON / OFF AND CONNECTION CONTROL.....	8
4.2	LISTENING .....	9
4.3	CALL TONE TO THE PARENT UNIT .....	9
4.4	TALK BACK.....	10
4.5	LULLABIES .....	10
	4.5.1 Start / stop.....	10
	4.5.2 Selecting a lullaby .....	10
	4.5.3 Setting the playback volume .....	11
4.6	LANGUAGE DISPLAY .....	12
4.7	SENSITIVITY .....	12
4.8	TEMPERATURE DISPLAY AND ALARM .....	13
	4.8.1 Change display to Celsius or Fahrenheit.....	13
	4.8.2 Setting the lower and upper temperature limits .....	14
	4.8.3 On/off temperature alarm.....	14
4.9	WARNING-TONES WHEN THE SOUND IS OFF .....	15

<b>5</b>	<b>OTHER FUNCTIONS</b>	
5.1	ECO MOD .....	16
5.2	CONNECTION CONTROL.....	16
	5.2.1 ECO MODE off .....	16
	5.2.2 ECO MODE on .....	17
5.3	BATTERY INDICATOR PARENT UNIT .....	17
<b>6</b>	<b>GENERAL (SAFETY) INSTRUCTIONS AND TIPS</b>	
6.1	GENERAL .....	19
6.2	TEMPERATURE DISPLAY.....	19
6.3	USING MULTIPLE BABY MONITORS .....	20
6.4	RANGE.....	20
6.5	POWER SUPPL .....	20
6.6	BATTERY USAGE.....	21
	6.6.1 Parent Unit.....	21
	6.6.2 Baby Unit .....	21
6.7	ENVIRONMENT .....	21
6.8	MAINTENANCE .....	22
6.9	ADAPTOR CORD .....	22
<b>7</b>	<b>MULTIFUNCTION TABLE .....</b>	<b>23</b>
<b>8</b>	<b>DECLARATION OF CONFORMITY .....</b>	<b>24</b>
<b>9</b>	<b>GUARANTEE .....</b>	<b>25</b>
<b>10</b>	<b>TABLE OF CONTENTS.....</b>	<b>26</b>

# Alecto®

Service



Help



**WWW.ALECTO.NL**  
**SERVICE@ALECTO.NL**



**Hesdo, Australiëlaan 1**  
**5232 BB, 's-Hertogenbosch**  
**The Netherlands**