USERS MANUAL



Alecto®

DBX-92

GENERAL FUNCTIONS

BABY-UNIT:



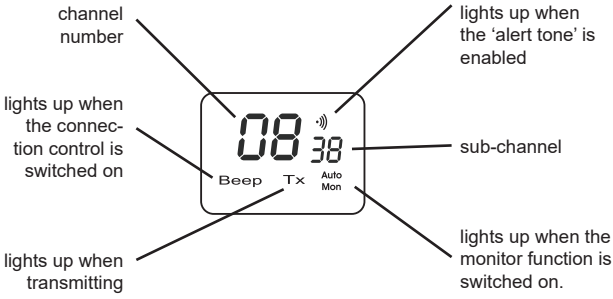
PARENT UNIT:



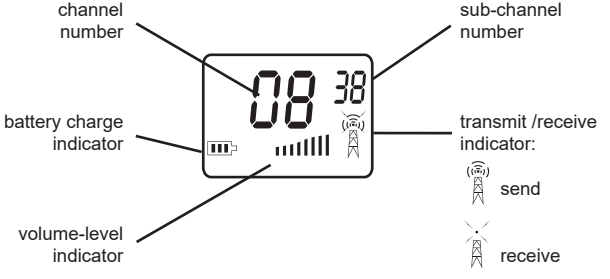
*: More information on these functions can be found in the chapter entitled RADIO FUNCTIONS on page 11.

DISPLAY OVERVIEW

BABY-UNIT:



PARENT UNIT:



INSTALLATION

BABY UNIT:

The baby unit is powered from the supplied fixed power adapter. The power adapter can be connected to a 230V electrical outlet.

Place the baby unit in the nursery. It is recommended to keep the baby and the baby monitor at a minimum distance of 2 meters. Ensure that the baby cannot touch the baby monitor or the power adapter cord.

The baby unit can also be mounted on the wall. There is an opening for mounting located at the back of the baby unit.

PARENT UNIT:

The parent unit is powered by an included NiMH battery pack (4.8V). The parent unit is not fixed to a power adaptor so it can be used cordless.



1. Take off the belt clip



2. Open the battery compartment located on the bottom of the unit by clicking open the cover



3. Place the battery pack into the battery compartment as indicated and close the cover.

Connect the power adapter to the parent unit, and then plug the power adapter into a 230V 50Hz electrical outlet.

Please note that the battery pack needs about 14 hours in order to fully charge.

HOW TO USE

ON / OFF SWITCH:

Baby unit:
Switch on the baby unit located on the right side of the baby unit by sliding the on / off switch to position 1. This will allow to switch the channel.
Slide this switch to the 0 position in order to turn the baby unit off.

Parent unit:
Press and hold down the on/off button ⏻ for about 2 seconds until the display lights up. The parent unit is now switched on.
Press this button down again until the display goes off. The parent unit is now turned off.

Channel and sub-channels:
Make sure the parent unit and the baby units are set to the same channel and sub channel (see the illustration on page 3). Refer to the next page if the settings need to be changed.

OPERATION:

If the baby unit detects sound, the transmitter will be activated and the sound sent to the parent unit.

Level of sensitivity:
Turn the dial **VOXSENS** located on the back of the baby unit to set the level of sensitivity. The very left of the dial is the least sensitive, turn the dial in a clockwise direction to increase the level of sensitivity.

Receiving volume:
You can set the call volume level on the parent unit by pressing the ▼ or the ▲ button; there will be confirmation beep tone. The display screen will show the level of the selected volume (ıılllll).

Multiple baby units:
See page 10 if you would like to use more than one baby unit.

ADDITIONAL FEATURES AND SETTINGS

CHANGE SEND / RECEIVE CHANNEL:

Baby unit:

1. Push 1x on the (MENU) button, after the channel indicator light [CH] comes on
2. Push on the button ▼ or ▲ to select a new channel (1-8)
3. Push on the button (MENU) to set the new channel

Parent unit:

1. Push 1x on the button ☰ ; the channel display will start flashing
2. Push on the button ▼ or ▲ to select a new channel (1-8)
3. Push on the button (PTT) to set the new channel

CHANGE SUB CHANNELS (CTCSS):

Baby unit:

1. Push 2x on the button (MENU); the sub channels will show up in large with the letters [Ct] behind.
2. Use the buttons ▼ or ▲ to select or disable the sub-channel (1-38) or to enable or disable this feature by setting sub-channel to 00.
3. Push on the (MENU) button to set the selected sub-channel.

Parent unit:

1. Push 2x on the ☰ button; the sub-channel indicator will begin to flash.
2. Use the buttons ▼ or ▲ to select or disable the sub-channel (1-38) or to enable or disable this feature by setting sub channel to 00.
3. Push the (PTT) button to set the selected sub-channel

ENSURE THAT THE PARENT UNIT AND BABY UNIT ARE ON THE SAME CHANNEL AND THAT THE SAME SUB-CHANNELS ARE SELECTED.

ALSO SEE PAGE 10, CHAPTER ENTITLED 'BABY MULTIPLE UNITS'.

Explanation of the CTCSS code:
Continuous Tone Controlled Squelch System is the tone code that is sent when transmitting. This code is not an audible tone.
Only when the tone code from the baby unit corresponds to the tone code from the parent unit, will the parent unit display the signal. This prevents the baby monitor from interference from other devices that may communicate on the same channel.

CONNECTION CONTROL:

Every 30 seconds, you can send three short beep tones from the baby unit to the parent unit. This enables the connection to be checked every 30 seconds. This function can be switched on or turned off as follows:

Baby unit only:

1. Push 3x on the button (MENU); the word [BEEP] will light up.
2. Push on the ▲ button to turn this function [ON] in the display or push on the ▼ button to turn this function [OFF] in the display.
3. Push on the (MENU) button to set the selected function.

MONITORING: (forced listening)

Baby unit:

You can set the baby unit so that it broadcasts every 5 minutes for 5 seconds, even when the baby unit does not detect sound.

1. Push 4x on the (MENU) button; the word [AUTO MON] will light up.
2. Push the ▲ button to turn this function ([ON] in the display) or press the ▼ button to turn this function [OFF] in the display.
3. Push on the (MENU) button to set the selected function.

Parent unit:

You can temporarily or permanently disable the noise reduction of the parent unit so you can still hear the baby unit when a weak signal is received.

- Push on the (🔊) button to switch off the noise reduction, when you release this button, the noise reduction will be switched on again.

- If you push and hold the (🔊) button for more than 3 seconds, you will hear a short beep sound which will indicate that the continuous noise reduction has been turned off. If you release the (🔊) button you can continue to listen for a short time. Push the (🔊) button to turn the noise reduction on again.

SOUND ALERT:

You can set the baby unit to send an alert tone first before a transmission is sent. The alert signal will be different from any other signals you receive.

Only baby unit:

1. Push on the (MENU) button 5x; the word [CA] will then light up.
2. Push on the ▲ button to turn the function [ON] in the display or push the ▼ button to turn the function [OFF] on the display.
3. Push the (MENU) button to set the selected function.

Note: These sounds are NOT added to the beeps sent for the purpose of connection control.

KEYPAD LOCK:

To avoid accidentally changing the channel on the parent unit or turning the volume too low, you can lock the keypad in the following way:

Only parent unit:

1. Push on the () button until the icon 🔑 lights up in the display.
2. To unlock it, push the () button again until the icon disappears from the display.

The buttons ☰ , ▲ and ▼ will be blocked when the 🔑 icon lights up on the display.

STOPWATCH:

The parent unit is equipped with a stopwatch function,

1. Push on the ☰ button for 3 seconds to turn on the stopwatch
   - Push the ▲ button to start the stopwatch
   - Push the ▲ button for the laps time (the time will continue to run)
   - Push the ▲ button to continue
   - Push the ▼ button to set the stopwatch at 00:00
2. Push the ☰ button for 3 seconds to turn off the stopwatch

During this mode, the baby monitor function on the parent unit will still be active.

KEYPAD TONE:

When you push a button on the parent unit a beep tone will sound. You can switch the beep tones on or off using the following steps:

1. Push the ☰ button 6x; [ONto] or [OFFto] will then flash on the display.
2. Push the ▲ button to switch the beep tone function [ON] in the display, or push the ▼ button to deactivate the function [OFF] in the display.
3. Push the (PTT) button to set the selected function.

EARPHONE:

You can connect a headset with a 2.5mm plug into the parent unit in order to monitor your baby without disturbing other people in the same room as you. The built-in loud speaker will be disabled when the headset is plugged in.

FLASHLIGHT:

The parent unit is equipped with a flashlight. Press the  button to turn on the flashlight. When you release the button, the flash light will go out.

BELT CLIP:

The parent unit is equipped with a belt clip; this enables you to have the parent unit on you while also keeping your hands free.

The belt clip can be removed by pressing on the latch with a small screwdriver and sliding the belt clip upwards.

EXTERNAL MICROPHONE:

You can attach an external microphone on the right side of the baby unit which can be connected with a 2.5 mm plug. The built in baby unit microphone will then be muted.

The external microphone function can be used in the event that the baby unit itself cannot be put in the room.

MULTIPLE BABY UNITS

After you have purchased loose baby units (DBX-93) you can set up multiple babies 'monitoring'. Ensure that the baby units and the parent unit are connected on the same channel and sub-channel. In case this does not work, you can also choose an alternate monitoring, see below:

ALTERNATE MONITORING OF 2 BABY UNITS:

Baby units:

1. Set the two baby units on different channels (the sub-channel setting may be selected too)

Parent unit:

1. First set the parent unit to the same channel and sub-channel as the 1st baby unit, press the (PTT) button to confirm the setting.

2. Now push 7x on the (≡) button and by using the ▲ button or the ▼ button select the channel of the 2nd baby unit (select [OFF] to disable this feature).

3. Push 1x on the (≡) button and using the ▲ button or the ▼ button select the sub-channel of the 2nd baby unit.

4. Push the (PTT) button, the parent unit will now alternately listen between baby unit 1 and baby unit 2.

ALTERNATE MONITORING OF MORE THAN 2 BABY UNITS:

Baby units:

1. Set the baby units to different channels (set the sub-channel settings to 00)

Parent unit:

1. Push the (≡) button and ▲ button simultaneously, this enables the parent unit to consecutively listen to all the channels.

2. When the parent unit picks up sound from one of the channels it will stop scanning and transmit only the signal from that camera. The parent unit will continue scanning a few seconds after the sound has stopped.
   - Push the ▲ button to continue scanning if only noise or an unwanted channel is received on the signal.
   - Push the (PTT) button to end the scanning function.

RADIO FEATURES

The parent unit is also proper radio transmitter and can therefore be in communication with other (Alecto) radios as long as they meet the PMR-446 standard.

SEND/RECEIVE:

* Push the (PTT) button to send a message, release this button to receive a message.

CALL SIGNAL:

* Push the (🔔) button to send a call signal.
* Push 4x on the (≡) button and use the buttons ▲ or ▼ to select the desired tone (when choosing [OFF], this feature will be switched off); push the (PTT) button to confirm.

VOX: (Voice Operated Transmission)

* Push 3x on the (≡) button and use the buttons ▲ or ▼ to select the level of sensitivity (or choose the [OFF], feature to switch off); press the (PTT) button to confirm.

ROGER BEEP: (Beep After Sending)

* Push 5x on the (≡) button and use the buttons ▲ or ▼ to switch the function ([ON]) or ([OFF]) to switch off; push the (PTT) button to confirm.

USER TIPS

GENERAL:

* The baby monitor is only to be used as an additional aid and NOT as a substitute for an adult or responsible baby-sitter.
* Check the proper functioning of the baby monitor each time before use and regularly during use.
* You do not need a license in order to use this baby monitor cordless. This system can be used in a domestic situation. There is no guarantee that there will always be an interference-free signal.
* Always switch off the units when not in use.

PLACEMENT:

* DO NOT place the baby unit in the bed with the baby and keep a minimum distance of 2 meters between the baby and the baby unit. Also make sure that the baby cannot touch the power adapter cord.
* Do not place the baby unit or the parent unit in direct sunlight or in a damp place.

POWER SUPPLY:

Batteries:

The parent unit has a rechargeable battery pack that must be installed with the following battery specifications:

* Format: 4x AAA
* Type: NiMH (Nickel-Metal-Hydride), rechargeable
* Power: 600mAh or more

Battery indicator:

The parent unit has a built-in battery indicator () shown on the display screen. If the battery icon shows full, the battery pack is charged. If the battery icon shows empty or half full, the battery pack needs to be recharged. Once plugged in the battery indicator will show that it is charging until the battery pack is fully charged. The batteries will be fully charged after 14 hours after which the power adaptor can be unplugged from the unit and from the electrical wall outlet. The adapter can remain permanently connected as the charging current is controlled electronically.

Adapters:

Only use the included power adapters. Connecting a power adapter other than the included adapter can damage the electronics of the baby monitor.

RADIO LINK:

* The DBX -92 baby monitor is a transmitter/receiver that uses radio waves on a 446 MHz band. The signal may be disturbed by external factors such as other baby monitors, radios, transmitters or cordless phones, etc. If your are experiencing radio interference, changing the channel will most often be the best solution.
* The range of the baby monitor is up to 3Km. The range can depend on local conditions such as high buildings, and high-voltage overhead lines. An optimum range is achieved if the baby unit has a clear range to the parent unit.
* If you are taking the baby monitor abroad, please first look into the local restrictions on the use of PMR446 equipment where you will be staying.
* The product is permitted in Belgium, Denmark, Germany, Finland, France, Great Britain, Ireland, Italy, Luxembourg, Netherlands, Austria, Portugal, Spain, Iceland, Sweden and Switzerland. If the country of your choice is not on this list, please consult the relevant country embassy. Amended legislation may make it possible for this product to now be allowed.
* Note that the signal from your baby monitor may be heard by other 446 MHz baby monitors, radios or receivers.
* The baby monitor should never be used outside during a thunderstorm.

MULTIPLE BABY UNITS:

* When two or more baby units are transmitting at the same time, it may be possible that they push away each other's signal, rather use the alternate monitoring method.

SERVICE & MAINTENANCE:

* Only clean the baby monitor with a damp cloth. Before cleaning, the power adapter should be taken out of the electrical wall outlet.
* Ensure that water and / or sand cannot come into the units.
* It is not permitted in any manner whatsoever to make changes to the electronics or to the antenna of the baby monitor. Servicing the device should only be done by qualified technicians.

ENVIRONMENT:

* If the baby monitor needs to be discarded, hand it over to your supplier. They will dispose of the baby monitor in an environmentally friendly manner.
* Dispose of the battery pack in an environmentally-friendly manner according to your local regulations. Never throw away batteries with your household waste.



DECLARATION OF CONFORMITY

Hereby, Hesdo declares that the radio equipment type ALECTO DBX-92 is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
doc.hesdo.com/DBX-92-DOC.pdf

TECHNICAL SPECIFICATIONS

Operating Frequency:	446.00625 MHz to 446.09375 MHz (8 channels, 38 sub-channels)
RF power:	< 27 dBm
Channel separation	12.5 KHz
Power:	parent unit: Rechargeable Battery Pack 4.8V, NiMH baby-unit: 9V / DC, via adapter
Range:	Up to 3Km

INTERFERENCE CHART

If a fault occurs, first check the operation of the DBX-92 at another location.

Does nothing:
- The battery pack of the parent unit is empty, recharge or replace.
- The power adapter of the baby unit is not plugged in, or there is no power coming from the electrical outlet, check outlets.

Poor or no reception:
- The battery pack of the parent unit is empty, recharge or replace.
- The channel or sub-channel has been set incorrectly (the baby unit and the parent unit must both be set to the same channel and sub-channel).
- The distance between the baby unit and the parent unit is too large, decrease the distance.

Noise and other Interferences:
- Someone else is on the same channel, change of channel.
- Interference from other devices, turn off the other devices (if possible).

High Pitched Sound:
- The parent unit is too close to the baby unit or the volume of the parent unit is too high, increase the distance or lower the volume.

If the fault is not resolved, then remove the battery pack from the parent unit and remove the power adapter from the electrical wall outlet. Shut everything down and after a few minutes start the unit up again.
Please contact your dealer if the problem is still not resolved.

WARRANTY

Name:
Address:
Post code:
City:
Tel:

Attach here
your receipt
or voucher

For the Alecto DBX-92 you have a warranty of 24 months from the date of purchase. During this period, we guarantee the free repair of defects caused by material and workmanship errors. All this subjected to the final assessment of the importer.

HOW TO HANDLE:
If you notice any defect, first refer to the user's manual. If the manual provides no definite answer, please contact the supplier of this baby video monitor or contact customer service of Hesdo at: www.alecto.nl

THE WARRANTY BECOMES NULL AND VOID:
In case of improper use, incorrect connections, leaking and/or incorrectly installed batteries, use of unoriginal parts or accessories, negligence and in case of defects caused by moisture, fire, flooding, lightning and natural disasters. In case of unauthorised modifications and/or repairs performed by third parties. In case of incorrect transportation of the device without adequate packaging and when the device is not accompanied by this warranty card and proof of purchase. The warranty does not cover connecting cables, plugs and batteries.
All further liability, especially concerning any consequential damages, is excluded.



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