Ortiz

Baby

Health Monitor

User Manual

Breath
Sleep
Breathing state
Normal
0s
5s
10s
15s
Breathing rate
39 times/min
Breathing depth
Normal
Real-time
History
HOME
DATA
SETTINGS

Ortiz

Meet Ortiz Another good helper of your family

- Congratulations! And thank you so much for choosing Ortiz baby health monitor to record your baby’s abdominal movement while sleeping to provide an early intervention opportunity in the event of no movement detected.

Advantage of Ortiz

- Ortiz motion sensor monitors your baby's abdominal movements while sleeping. If no motion is detected within 15 seconds, Ortiz will send out an audible alarm to alert you.

- Ortiz Home app helps you track and realize your baby's sleep habits and provides a sleep analysis report with tips on how to help improve your baby's sleep.

- When baby needs a clinical follow-up, these historical data of breathing and sleep will stand as an significant evidence for doctor to assess physical condition of your baby.

Important- Please read before use!

- Ortiz baby health monitor is a baby-care aid, not a medical device, therefore it is not intended for diagnosis, prevention and treatment of certain disease.

- Ortiz is not intended to prevent or monitor obstructive apnea.

- Movement from external sources may be detected by Ortiz sensor, such as being pushed in a pram or traveling in a vehicle or aircraft. Ortiz should not be relied upon where external sources of movement are present.

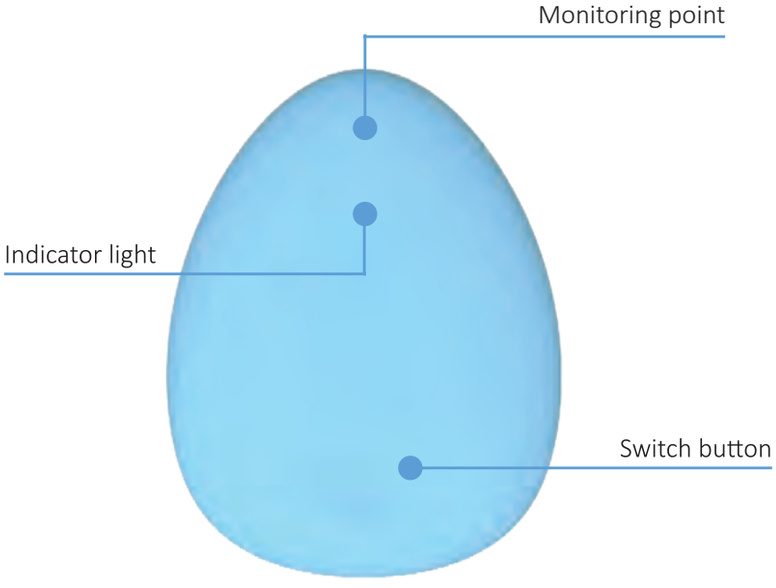
- Baby whom is monitored must sleep in his/her own bed separately as the monitor may detect the abdominal movement of any other person sharing the bed with the baby, and will not alarm as long as it detects movement.

- This device complies with Part 15 of the FCC Rules

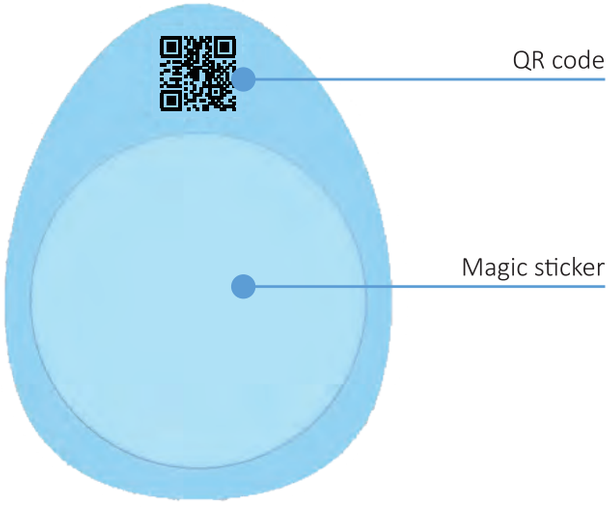
  Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and
  (2) This device must accept any interference received, including interference that may cause undesired operation.

- Maximum radio-frequency power is +4Db.
  Frequency band(s)in which the radio equipment operates is 2.4GHz~2.4835GHz.

Contents of This Box



Front



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Important Notification

- **Diaper fitment**

  Correct diaper fitment is essential for the operation of the Ortiz. The diaper should fit snugly on the baby with the top of the diaper just below the belly button, because this is the section to which the Ortiz will be attached. Loose fitting diapers will gape, causing the monitor to lose contact with the baby and false alarm. A very 'full' or wet diaper may also cause it to gape.

- **Notifications and warnings**

  Make sure that your APP is connected to the Ortiz device so that you can receive all notifications and warnings. You can remove warnings from your app by shaking the Ortiz device or tapping the Ortiz power button.

Function Introduction

- **Apnea intervention and alarm**

When Ortiz detects apnea and the duration is more than 10 seconds, Ortiz will awake your baby by vibrations and help him restore breathing.

When Ortiz is still unable to detect the baby’s breath after 5 seconds vibrations, it will be flashing red lights, while an audible alarm sounds to remind the adults, and your mobile device will send a notification to remind you.

When Ortiz detects the breathing data again for 5 seconds, Ortiz will stop the vibration and continue to monitor your baby, your mobile device will send an apnea event log to you.

Ortiz records the baby's breathing and sleep data during each use, which can be used to assess the baby's health as needed for follow-up visits.

- **Data recording**

When Ortiz remains connection to your device, health data of baby will be transferred to your device in real time; When Ortiz is disconnected from your device, data will be stored in Ortiz monitor.

Ortiz

Use Ortiz

- **Charge your Ortiz**
  The first time you charge your Ortiz, the indicator will slowly flash green light while charging; After fully charging, the indicator light will stay green. It usually takes one hour to fully charge Ortiz monitor.

- **Download APP and Register**
  Scan the QR code on packing box or search Ortiz Home in APP store to download and install; Follow the prompts to register your account.

- **Connect to Ortiz and create your baby file**
  Press switch button and release after Ortiz emits a tik sound and flashes white; Open bluetooth and APP, scan the QR code on Ortiz's back, and connect APP with Ortiz according to prompts; Establish your baby's growth file.

- **Fix Ortiz to diaper**
  Attach magic stick to groove on Ortiz's back; attach Ortiz to upper edge of diaper and make sure Ortiz monitors baby's abdominal movements.

- **Start monitoring your baby**
  When your baby breaths normally, indicator light will continuously flash white every 5 seconds; When your baby stops breathing, the light will flash red and sound an audible alarm. You can check your baby's breathing and sleep status through APP.

- **Finish monitoring and shut down**
  When Ortiz finish monitoring tasks, you can use APP to stop monitoring option or long press switch button, until light is out and a tik sound is heard, Ortiz shuts down.

- Steps 2 and 3 above should only be followed when first using or connecting to another device, for subsequent use, to ensure the accuracy of monitoring data, please fix the Ortiz with the diaper first, then start it, Ortiz will connet to the APP automatically.

Specification

Product name	Ortiz Baby health monitor
Dimensions	48mm x 62mm x 10mm
Weight	25g
Working voltage	3.6V-4.35V Lithium ion rechargeable battery
Duration time (normal mode)	More than 7 days or 168 hours of continuous work
Battery charging time	70min
Bluetooth range	Within 10 meters in a barrier-free environment
Equipment request	Support bluetooth 4.2,IOS 8.0 and above,Android4.3 and above
Safety performance	SRRC、CE、WEEE、RoHs

Indicator State

Breath state	Indicator check
Eupnea	The white light slowly flashes every 5 seconds
Apnoea (≥10s)	Red light flashes (0.5s per cycle), vibrate 3 times every 2 seconds
Apnoea (≥15s)	Red light flashes (0.5s per cycle), vibrate 3 times every 2 seconds, alarm sound(continuous tik tik tik)
Starting up	White light flashes 2 times with tik tik sound
Shut down	The light disappears with tik sound
Electric quantity ≤6h	Green light slowly flashes once every second, other time off
Charging	Green light slowly flashes once every second
Full charging	Green light on

Matters Need Attention

- Ortiz baby health monitor is a baby-care aid, not a medical device.
- Correct diaper fitment is essential for operation of Ortiz.
- Movement from external sources such as being pushed in a pram or traveling in a vehicle or aircraft may be detected by Ortiz's sensor. Ortiz should not be relied upon where external sources of movement are present.
- The monitored baby must sleep in his/her own separate bed as the monitor may detect the abdominal movement of any other person sharing the bed with the baby, and will not alarm as long as it detects movement.
- Don't put too much pressure on the baby's abdomen when fixing Ortiz on diaper, for fear that to hurt the baby.
- Radio transmitters such as cell phones, wireless routers, etc. may cause interference with the monitor's ability to detect movement.
- The monitor should not be placed within 2 meters of other transmitting devices or electrical cables.
- Small parts that have become detached for some unlikely reason may result in a choking hazard.
- A single device should be dedicated for use with one baby only.
- Keep out of reach of pets, pests and other children as damage to device might cause it not to perform as intended.
- In case your baby develops skin sensitivity where device makes contact with your baby's skin, please stop using.
- The shell of Ortiz is not waterproof, do not immerse it in water.
- Do not bend equipment.
- The performance of equipment may be reduced if one or more of the following conditions occur :a) operating outside the temperature and humidity range specified by the manufacturer; b) storage outside the range of temperature and humidity specified by the manufacturer; c) mechanical impact (e.g., drop).

Method for Cleaning and Disinfection:

- After using, please wipe the monitor with 75% medical alcohol.
- Do not use high temperature disinfection.
- Do not immerse monitor directly into water or alcohol.

Meanings of Symbols

Symbols	Meanings
	Attention! Consult user manual
	Non-ionizing radiation
	Keep dry

Environmental Conditions

- Temperature: -10 ℃ ~ 50 ℃
- Humidity: 15% ~ 93%, Non Condensing
- Air pressure: 700HPA ~ 1060HPA

FAQ

Questions	Possible reasons	Solution
Unable to open Ortiz	Low or no battery in Ortiz	Charge Ortiz
	Ortiz is damaged	1. Check Ortiz for any damages 2. Contact Ortiz customer service center 3. Replace Ortiz
APP cannot access data	Ortiz is not on	Please turn on Ortiz
	Bluetooth is not on	Please turn on the bluetooth
	The phone is too far from Ortiz or there is a interference source	Please put your mobile phone near Ortiz
	Ortiz is damaged	1. Check Ortiz for any damages 2. Contact Ortiz customer service center 3. Replace Ortiz
False alarm	Incorrect position of Ortiz	Please recheck and adjust the position
	Ortiz is damaged	1. Check Ortiz for any damages 2. Contact Ortiz customer service center 3. Replace Ortiz

Disclaimer

- In order to protect your legitimate rights and interests, please read user manual carefully before using product, and use product in strict accordance with user manual. QuantMed LifeTech (Shenzhen) co., LTD reserves the right to update the above documents.

- Once you start using this product, that is, as you have read to understand and accept all the terms and contents of this user manual. You promise to take responsibilities for your actions and the consequences. You commit only use this product for legal purposes, and agree to the terms of QuantMed LifeTech (Shenzhen) co., LTD may specify any relevant policies and principles.

- Customers use this monitor at their own risk and QuantMed LifeTech (Shenzhen) co., LTD shall not be held liable for any loss, damage or injury suffered by the customer or any other person arising from, or in connection with, the use or manufacture of the monitor, including loss, damage or injury suffered by the customer or any other person as a result of any defects in respect of the monitor, and all warranties, and any other liability from whatsoever cause arising, are hereby excluded and the customer hereby indemnifies QuantMed LifeTech (Shenzhen) co., LTD in respect of any such liability.

- QuantMed LifeTech (Shenzhen) co., LTD reserves the right of final interpretation of this user manual and subject to efficacy of latest instruction manual.

FCC Requirement

- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- Note: This equipment has been tested and found to comply with the limits fora Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  -Reorient or relocate the receiving antenna.
  -Increase the separation between the equipment and receiver.
  -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  -Consult the dealer or an experienced radio/TV technician for help.

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Ortiz

Protecting Infant Health