

JABLOTRON BM-02

JABLOTRON Nanny BM-02 Baby Breathing Monitor

User Manual

1. INTRODUCTION

The JABLOTRON Nanny BM-02 is a certified medical device designed to monitor the breathing and movements of infants. It provides crucial alerts to parents if a baby's breathing ceases for 20 seconds or if the breathing rate drops below 10 breaths per minute. This monitor is intended for use in cribs and cots with mattresses up to 14 cm deep, offering enhanced safety and peace of mind.

The Nanny BM-02 has been certified as a medical device and is utilized in maternity wards and neonatology departments across several European hospitals, underscoring its reliability and precision.

2. IMPORTANT SAFETY INFORMATION

NOTICE TO CUSTOMER: The Nanny BM-02 monitor is a Class IIb medical device. It is always shipped with a factory seal. Before breaking the seal, please note that this device cannot be returned unless it is defective. The EU 14-day return policy does NOT apply to this product.

This device is designed to monitor breathing and movement. It is not a substitute for parental supervision. Always ensure your baby is in a safe sleeping environment.

3. PRODUCT COMPONENTS

The JABLOTRON Nanny BM-02 package includes the following components:

- Nanny BM-02 Control Unit
- Sensor Pad (30 x 50 cm)
- Connection Cable
- 2 x AA Alkaline Batteries (included)
- Instruction Manual
- Decorative Stickers



Figure 3.1: Overview of all included components.



Figure 3.2: The Nanny BM-02 control unit and sensor pad.

4. SETUP AND INSTALLATION

Follow these steps to correctly set up your Nanny BM-02 monitor:

1. **Prepare the Crib/Cot:** Ensure the crib or cot has a flat, rigid surface under the mattress. A slatted bed base is not suitable as it may affect sensor performance.

2. **Insert Batteries:** Open the battery compartment on the Nanny BM-02 control unit and insert the 2 AA alkaline batteries provided. Ensure correct polarity.
3. **Position the Sensor Pad:** Place the large sensor pad (30 x 50 cm) directly under the baby's mattress. The sensor pad must lie flat and be in direct contact with the rigid base of the bed.
4. **Connect the Control Unit:** Connect the sensor pad to the control unit using the provided connection cable.
5. **Secure the Control Unit:** Attach the control unit to the side of the crib or cot using the integrated clip. Ensure it is securely fastened and out of reach of the baby.



Figure 4.1: Correct placement of the sensor pad under the mattress.



Figure 4.2: The Nanny BM-02 installed in a crib.

5. OPERATING INSTRUCTIONS

The Nanny BM-02 is designed for simple operation:

- **Power On:** Press the power button on the control unit to turn on the device.
- **Self-Test:** Upon activation, the Nanny BM-02 automatically performs a self-test to verify proper functionality and battery status.
- **Monitoring Indicator:** A green light on the control unit will flash with each detected breath or movement of the baby. This indicates active monitoring.
- **Pre-Alarm:** If no breathing is detected for 20 seconds, a pre-alarm will sound. This is a series of audible beeps.
- **Main Alarm:** If breathing does not resume after the pre-alarm, a loud acoustic alarm will sound, and a red light will flash to alert you.
- **Low Breathing Rate Alarm:** If the baby's breathing rate falls below 10 breaths per minute, an acoustic alarm will sound, and a green light will flash, indicating an irregular breathing pattern.
- **Power Off:** To turn off the device, press and hold the power button until the unit powers down. Remember to turn off the monitor when the baby is removed from the crib to avoid false alarms.

6. MAINTENANCE

To ensure optimal performance and longevity of your Nanny BM-02 monitor, follow these maintenance guidelines:

- **Cleaning:** Wipe the control unit and sensor pad with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery Replacement:** The device is powered by 2 AA alkaline batteries. Replace them when the low battery indicator illuminates or if the device does not power on. The monitor checks battery status automatically upon

startup.

- **Storage:** When not in use for extended periods, remove the batteries and store the device in a cool, dry place.
- **Sensor Pad Care:** Ensure the sensor pad remains flat and free from creases or damage. Do not fold or bend the pad excessively.

7. TROUBLESHOOTING

If you encounter issues with your Nanny BM-02 monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
False alarms when baby is in crib.	Baby has moved off the sensor pad area. Mattress is too thick or not rigid enough. External vibrations (e.g., from parent's bed if co-sleeping).	Ensure baby is positioned over the sensor pad. Verify mattress depth is no more than 14 cm and the base is rigid. Move crib further away from parent's bed if necessary.
Alarm sounds when baby is removed from crib.	Monitor was not turned off after removing the baby.	Always remember to turn off the monitor immediately after taking the baby out of the crib.
Monitor does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries with new AA alkaline batteries. Check battery polarity.
Green light not flashing with baby's breathing.	Sensor pad not properly connected or positioned. Baby not on sensor area.	Check cable connection between sensor and control unit. Reposition baby over the sensor pad. Ensure sensor pad is flat and unobstructed.

If problems persist after attempting these solutions, please contact JABLOTRON customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	NY01 (BM-02)
Product Dimensions (L x W x H)	53 x 32 x 6.5 cm (Sensor Pad: 30 x 50 cm)
Weight	1.75 Kilograms
Power Source	2 x AA Alkaline Batteries (included)
Sensor Type	Pressure Sensor
Compatible Mattress Depth	Up to 14 cm
Medical Device Class	IIb
Manufacturer	JABLOTRON

9. WARRANTY AND SUPPORT

The JABLOTRON Nanny BM-02 is a certified medical device, ensuring high standards of quality and reliability. For specific warranty details and customer support, please refer to the documentation provided with your product or contact JABLOTRON directly through their official website or authorized distributors.

As noted in the safety information, due to its classification as a medical device, the EU 14-day return policy does not apply once the factory seal is broken, unless the product is defective.