

Instruction for Usage of Kenmak Hospital Beds

Model: BAMBINO

ELECTRICALLY OPERATED CHILD BED

(ELECTRIC LENGTH EXTENSION) (COLUMN MOTORS)

(4 MOTORS)



Read user manual before using the bed!

Table of Contents

- 1- Introduction**
- 2- Intended Use**
- 3- Warnings**
- 4- General Features and Accessories**
- 5- Electrical Motors**
- 6- Assembly Instructions**
- 7- Technical Details**
- 8- Bed Safety Devices**
- 9- Instructions for Use**
- 10- Product Labelling**
- 11- Battery**
- 12- Environment, Transport and Storage**
- 13- Maintenance and Reconditioning**

1- Introduction

Thank you for choosing your hospital bed from Kenmak Hospital Furniture. Every single Kenmak Hospital Furniture product is being produced under high quality standards bearing in mind to minimize the risk of environmental reverse effect. Kenmak Hospital Furniture's operation are certified by globally recognized authorities according to ISO 9001, ISO 13485 and ISO 14001 standards.

Kenmak Hospital Furniture beds are being manufactured in Turkey in line with aforementioned quality standards and are being tested before dispatching the factory by Quality Team.

Any incident involving the product should be reported to the manufacturer and the regulatory body.

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2- Intended Use

BAMBINO Kenmak electrically operated child bed is produced with intend to be used in Intensive Care Units (ICU) of hospitals, nursing homes, and homes.

Product should be used in suitable indoor atmosphere, between 0 to +40 degrees.

It is intended to be used by individuals older than 12 years old.

The product should only be used with accessories delivered together with the bed or with the accessories produced by Kenmak.

For the information on safe working load (SWL) see the “Technical Details” section of this instruction manual.

3- Warnings



Using the equipment for purposes other than those previously described is forbidden. The equipment must only be used by properly trained personnel.



Before starting to operate the bed, the operator must be perfectly aware of how the bed works, of where the controls are located and of all technical-functional features. Such awareness can be acquired by carefully reading this manual.



If is possible, the nursing staff should properly inform patients on how the bed works and should explain the individual controls the patient can operate. After such information has been provided, if is possible, the patient should be asked to "trial run" the couch.



Removing any safety or protection devices on the appliance is strictly forbidden; periodically, at weekly intervals, check the integrity of such devices and make sure they are working properly.



Before carrying out any maintenance or repair jobs on the equipment, the operator should have carefully read and understood the technical information provided in this manual. All maintenance and repair jobs must be done by skilled personnel.



Never position the equipment close to heat sources.



Position and secure the equipment in a stable manner on a horizontal floor. The bed movement area must be kept clean, in order and devoid of objects that could restrict free movement. The instructions, accident-prevention rules and warnings contained in this manual must always be followed.

4- General Features and Accessories

- The patient bed backrest ,height , trendelenburg-reverse trendelenburg positions and electrical bed extension (length) are adjusted by electrical motors
- The electrical system is 220 Volt , 50 Hz line voltage , 24V output.
- It has self-chargable battery system for power failure.
- The bed has Central locking system casters.
- The footboard has embedded control panel for adjustments of all the functions that the bed can perform.
- Siderails have gaspring system to slow down.
- Storage phase under the deck
- The mattress surface is X-Ray translucent and covered with ABS material.

5- Electrical Motors

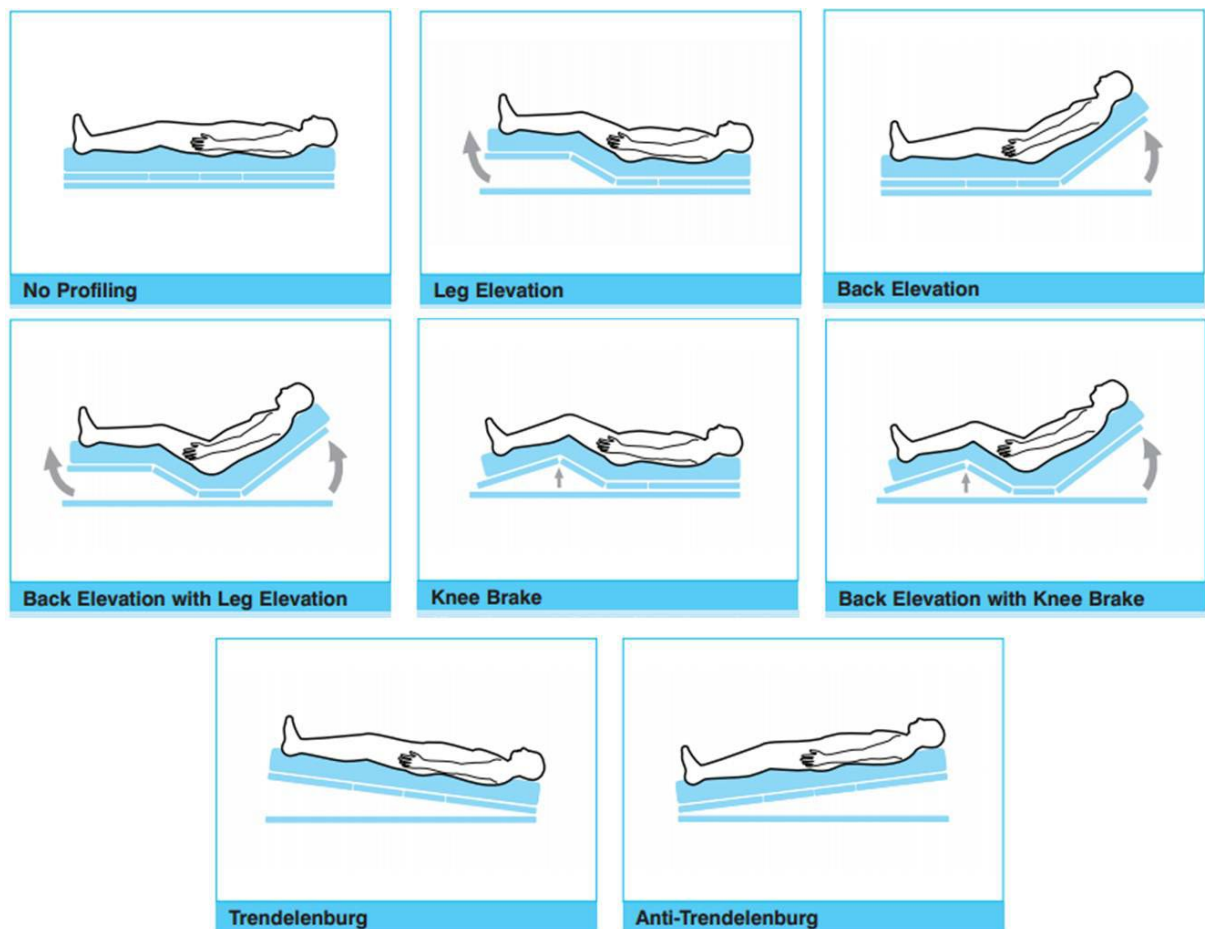
rated voltage distance:	220/240V
input from the supply:	3,9A
rated frequency:	50/60 Hz
IP number:	IPX4
mode of operation:	AB 2 min on / 18 min off

6- Assembly Instructions

The product is delivered fully assembled.

7- Technical Details

- Possible bed positions:



Height, backrest, legrest, Trendelenburg position and extension functions are adjustable by electrical motors.

- Height Range (excluding mattress): **48-87 cm**
- Backrest Angle: **0-70°**
- Knee Brake: **0-40°**
- Length (bumper to bumper): **177 cm**
- Width (bumper to bumper): **98 cm**
- Sleep Plane: **85 x 160-190 cm**
- Safe Working Load: **180 kg**
- Weight of Bed (excluding accessories): **130 kg**

8- Bed Safety Devices

Side Rails

When raised, they prevent the patient from accidentally falling out of bed, when lowered they allow free access to the bed.



Parking Brake

Prevents the bed from accidentally moving while the patient is getting in and out of bed.



Head and Foot Boards



9- Instructions for Use

Before using the bed, carefully read all the instructions on the push button panel controls. Correct control learning will ensure proper and safe bed use.

Prior to enabling the various bed movements, make sure that the patient does not have his/her arms located in any opening, for example in the protection safety sides or bed ends.

Power supply

Connect the beds mains cable to a wall socket. The beds motors are driven by a low voltage system (24V). The system is powered via a transformer built into the electronics box.



- Check that the mains cable is not pinched or stuck.
- If the power is to be interrupted to the bed, unplug the mains cable from the wall socket.

Locking the wheels

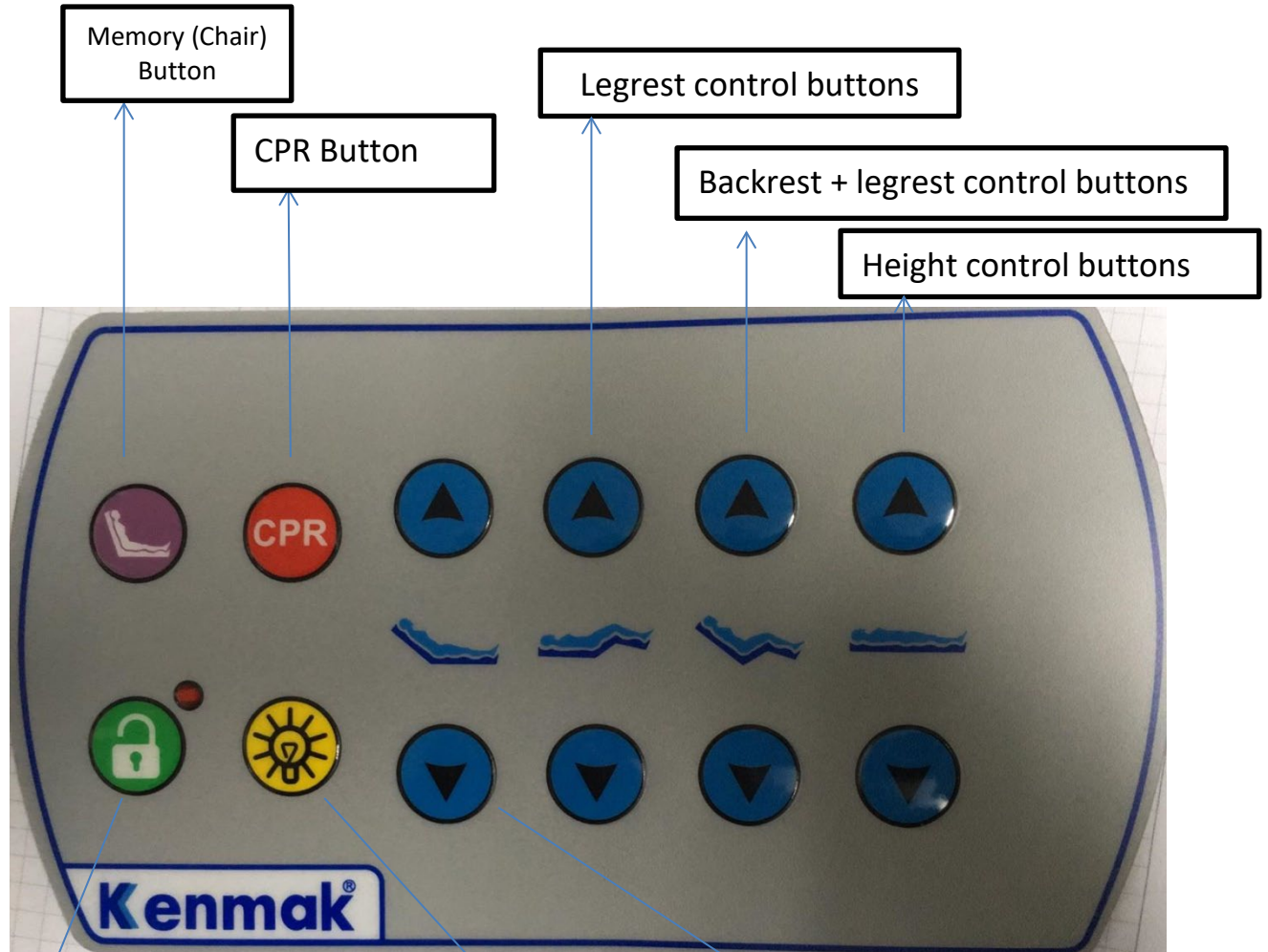
The bed is equipped with diagonally lockable wheels. Press the bar that is in the end of the bed.

Press the bar down= lock

Pull the bar up = directional lock

Hold the bar in a horizontal position = neutral

Nurse control panel



Memory (Chair) Button

CPR Button

Legrest control buttons

Backrest + legrest control buttons

Height control buttons

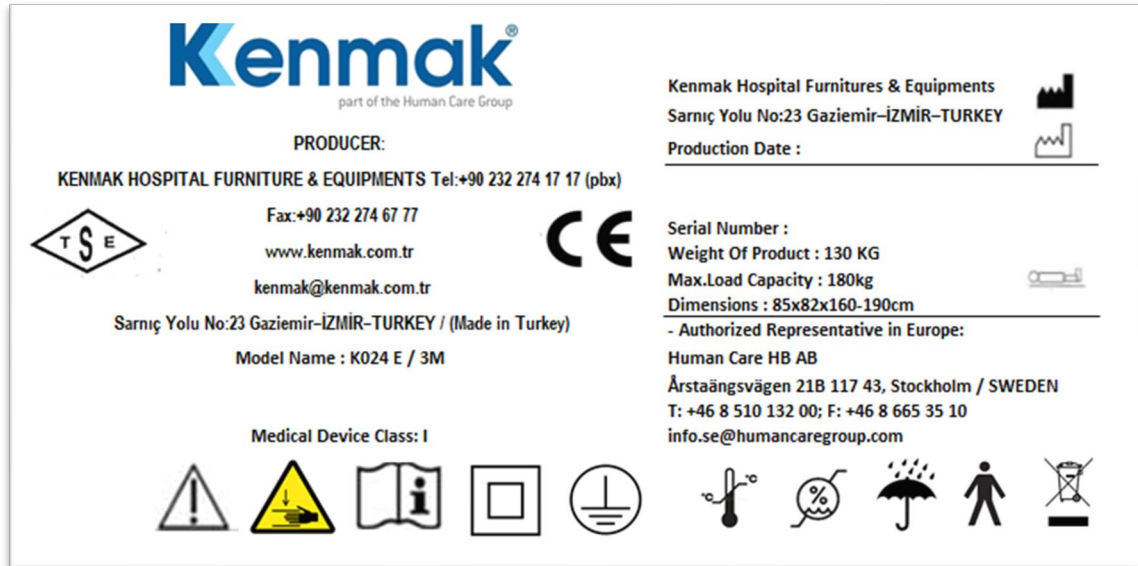
Lock Button

Use Lock Button to prevent unwanted bed movements with nurse control panes by patient.
Light on: Lock active; Light off: Unlocked

Backrest control buttons

Night Lamp Button
(Under the Bed)

10- Product Labelling



11- Battery

Beds have back up battery in order to able to the user to use electrical bed functions during transport the patient on bed or during electricity cuts.

The batteries must be recharged at least every 3 months, otherwise they will be damaged and will run down.

Batteries must only be replaced by original models supplied by the manufacturer.

Batteries must be replaced according to use at least every 4 years. Frequent charging and discharging will reduce battery life.

12- Environment, Transport and Storage

Environment

Kenmak is certified in accordance with ISO 14001 and work with continuous improvement to reduce total environmental impact. A primary focus is logistics where we have reduced our total environmental footprint.



Our products are recyclable. Help our environment and hand in the product for recycling. Follow local instructions for recycling.

Transport and Storage

Conditions for transport and storage:

- Air humidity between 10 and 80% RH
- Temperature between -300 and 400C
- Pressure between 700 and 1100 hPa

13- Maintenance and reconditioning

The bed is designed to require the minimum maintenance. It is recommended that preventive maintenance be carried out according to our service schedule every other year.

Normal Cleaning

Mechanics and motor systems are cleaned with a damp cloth. Readily available cleansers and disinfectants can be used. Can be rinsed with spray water.

The bed ends and long sides are cleaned with a damp cloth. Readily available cleansers and disinfectants can be used.

High-pressure Wash

Before washing motors have to be in the bottom position. Lift out the electronics unit.

Inspection in the Case of Reconditioning

Check that the attachment points for all motors are undamaged and do not have unnaturally large gaps.

Check that there isn't any visible damage on the motors and mechanics.

Check that joints and fasteners for the back and leg sections are undamaged and do not have unnaturally large gaps.

Check that joints and fasteners for the bed lift's scissor section are undamaged and do not have an unnaturally large gap.

Check that the bed lift's wheels are firmly tightened.

Tighten the screws for bed ends and long sides.

Check that the mains cable and cable to the control unit are undamaged.

Re-lubricate if necessary according to inspection report.

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Please contact us for any questions:

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