

GHARIENI

TREATMENT BED

SPL



OPERATING INSTRUCTIONS

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Safety Instructions

In this manual you find the following safety instructions:



CAUTION! The safety of the user or the equipment is endangered!



Dangerous voltage!



Important information or tip for using the equipment.



It is absolutely necessary to read these instructions carefully and to use the equipment only as prescribed in these instructions. This serves for your own protection as well as the protection of your clients. Keep this manual within reach of the equipment!

With the bed in a fully horizontal position, do not sit on the back rest or the leg rest. Not complying with this will cause serious damage to the supporting structure of the bed or the bed may be in danger of overbalancing.

When the bed is used as a massage table (= fully horizontal) ensure that the rear end of the customer is on the seat, in order not to endanger the stability of the bed.



Make sure that the power point is in accordance with the regulations, and that it has the right voltage (240V)

Don't submerge the bed or parts of it into water.

Don't let water penetrate the bed during cleaning.

Check the cables regularly. In case of doubt about the condition of the cables get into contact with your retailer or customer service.



Ensure nothing is placed under moving parts of height mechanism



General Information

Dear Customer!

Congratulations on purchasing the Gharieni SPL!

We thank you for your confidence and reassure you that you have made an excellent choice.

It is necessary to read these instructions before first using the product, as it is important for proper and responsible use. It will help you to get the maximum satisfaction from your purchase. These beds are extremely sturdy and were built to last a long time when properly used.

Your team from OAPL

Before the first use

Make sure that the delivery is complete and that the parts are free of obvious damage.

Make sure that the power point is in accordance with the regulations, and that it has the right voltage (240V).

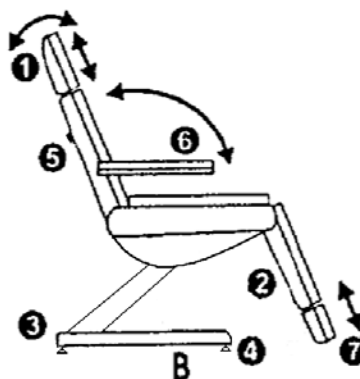
Before unpacking the bed you must make sure that enough room is provided for the bed in all operating modes so that there is no danger of bumping into anything.

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1. The SPL-Series

The SPL treatment bed is the result of the careful further development of the popular Gharieni SL series. This is expressed through the various new and optimised features integrated into the SPL. The minimum position of approx. 55 cm makes it easier for short people to get onto the bed, whereas the maximum position of 96 cm enables you to work comfortably without straining your back. The motor speed has been increased by 30%, enabling you to comfortably put your customer in the ideal treatment position faster. The comfortable one-piece upholstery on the SPL is suitable for even the highest requirements, creating a new design line with a harmonious effect from head to toe.



1.1. Specifications of each basic model:

- **SPL4:**
 - electrical adjustment of height, declination, back rest and leg support.
 - Manual Airback
 - Hand Control (foot Control Optional)

2. Unpacking

Before unpacking the bed you must make sure that enough room is provided for the bed in all operating modes so that there is no danger of bumping into anything. In some countries the beds are delivered in cardboard boxes. Then the leg rest is turned down by 90° (see illustration A, right).



Open the top of the cardboard box carefully. Don't use sharp objects which might damage the upholstery.



Lift the bed upwards out of its cardboard box. Then pull up the side coat and lay it aside

The head rest is packed in the same cardboard box. It still has to be installed. Please refer to the paragraph "Head Rest" in these instructions.



When the floor is not perfectly flat it might be necessary to adjust the length of one or more adjustment screws to the floor for stability (see illustration B-4).

3. Installation

These comfortable treatment beds are quickly ready to use. They are easily adjusted to different heights of your clients. Depending on chosen fittings you can adjust the desired position electrically/pneumatically in short time. Then you can concentrate completely on your client

3.1. Head Rest

You will find the respective head rest packed in the same cardboard box as the bed. Put the chromium-plated canes of the head rest into the mountings at the top of the back rest until they hook in. By adjusting the head rest according to the available locks you can adapt the height respectively to various heights of your clients. You can remove the head rest completely by pulling it out from the mountings.

3.2. Foot rest

The foot rests are already installed. You can pull the foot rest into or out of the mountings at the leg support of the bed corresponding to the procedure described in the chapter "Head rest".

4. Adjustments

4.1. Back rest

You can adjust the inclination of the back rest comfortably by a hand switch (Or Footswitch). The inclination of the back rest is continuously adjustable.



Danger of Injury! – Be careful not to put your finger into the edge between back rest and seat while adjusting the back rest. These two places are marked with a yellow warning triangle.

4.2. Leg support

The leg support can be adjusted independently of the back rest. The highest position is reached when it is in one line with the seat (for massage position). From the horizontal seat position you can fold down the leg support to 90°. This adjustment is operated electrically by the hand switch.

4.3. Seat

The inclination of the seat is freely adjustable with all models (see fig. C).

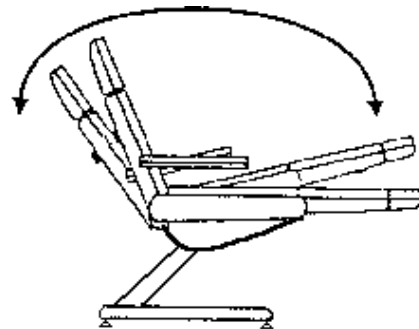
This adjustment function is operated electrically. Simply press the respective push-buttons on the hand switch.

4.4. Arm rests

The arm rests always stay parallel to the seat. To get onto the bed from the side you can move them upwards (see fig. B-6).

4.5. Height

The working height of all beds can be freely adjusted between 55 and 96 cm. Either by unscrewing the 4



C

Hand switch

little adjustment screws (up to 3 cm) or by the installation of caster-rolls you can increase the working height.

Normally you can get on the bed from the side by lifting the arm rests upwards. As it is possible to fold down the leg support to 90°, access from the front is also possible. This is advantageous when there is limited space at the side of the bed.

This adjustment function is operated electrically. Simply press the respective push-buttons on the hand switch (Or optional footswitch).

5. Hand switch

The hand switch is an electrically operated switch with low voltage (24 V). It enables the control of the electrically operated functions. Depending on the chosen model the different functions can be adjusted by simply pressing the respective push-buttons. Read the instructions in the chapter "Memory function" to learn how to store memory positions.

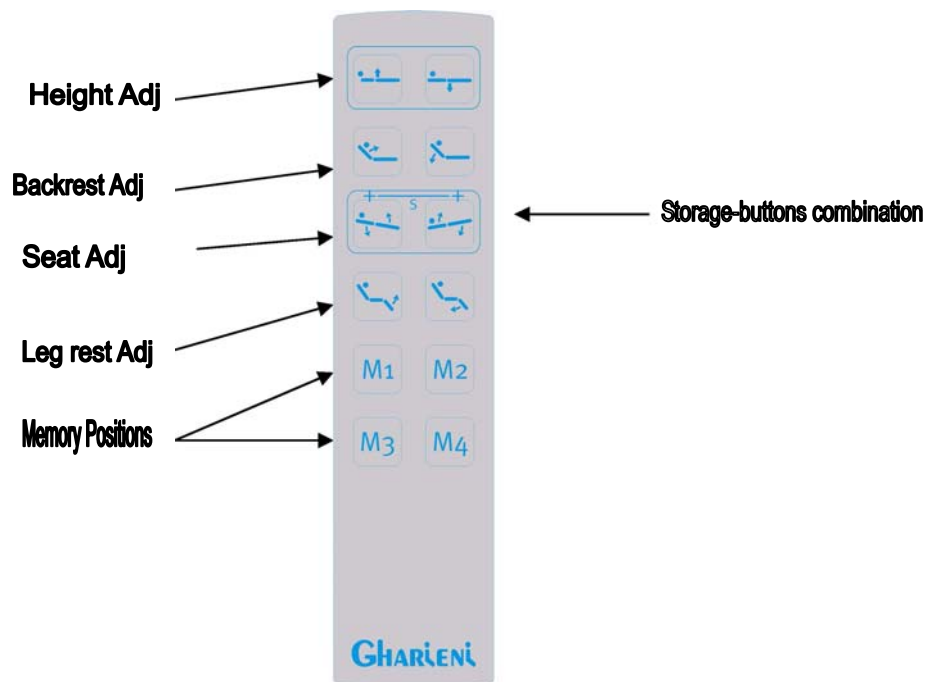


Caution! Make sure that no person will be in danger if actuators are in movement.



For safety reasons the treatment bed only moves when the button of the hand switch is held continuously. Releasing the button will immediately stop the movement of the bed.

If you have chosen a special model including THERMO/VIBRO, for these options an additional hand switch with own power supply (adapter) is supplied.



(when both pressed
simultaneously and the
desired M number
selected)

6. Upholstery

The upholstery of the SPL includes back rest, seat and leg support (once piece upholstery), head rest and foot rest.

6.1. Kinds of upholstery

(for all beauty and chiroprapy models)

- **SUPERANATOMIC**: with **AIRBACK** for lumbar support
- **SUPERANATOMIC** with **AIRBACK** for lumbar support and 2 THERMO (back rest and seat heatable)
- **SUPERANATOMIC** with **AIRBACK** for lumbar support, 2 THERMO (back rest and seat heatable) and 6 VIBRO (vibration motors fitted in for relaxation)
- **SUPERANATOMIC** with **AIRBACK** for lumbar support and 6 VIBRO (vibration motors fitted in for relaxation)

7. AIRBACK (Lordosis support)

Every SUPERANATOMIC upholstery is equipped with this option. A pneumatic bulb is placed behind the back rest of the treatment bed. By pumping this bulb, an air cushion (= AIRBACK) in the back part of the upholstery inflates. This can alleviate complaints of the lumbar vertebra. There is a valve in the air-pumping bag. By spinning this valve clockwise, it shuts and the air cannot escape from the air cushion. In this position you can fill the airback. By spinning the valve counter clockwise the air is able to deflate out of the airback.



8. THERMO-RELAX



Don't use the THERMO and VIBRO options for clients with pacemaker, pregnancy, thrombosis and pain of unclear origin.

The new SMART-THERMO-Function is programmable, has several power levels and causes no electromagnetic pollution.

The following options are available:

- | | | |
|---------|---|--|
| 3T | = | 3 THERMO (Heater mats in the back rest, seat and leg support) |
| 2T | = | 2 THERMO for PODO (Heater mats in the back rest and seat) |
| 2T + 6V | = | 2THERMO+6VIBRO (Heater mats in the back rest, seat + vibration motors) |



This chair is delivered with its own hand control. By a one- or twofold press on the respective button you can choose between two heating

VIBRO-RELAX

levels. Then the green control lamp (half heating power, 6 watt each) or red lamp (full heating power, 12 watt each) lights up. The integrated timer restricts the heating time to 30 minutes maximum. Then heating is switched off. If you want to restart heating, press the button again and the timer with 30 minutes starts running again. If heating isn't required any more press the marked button "OFF".

At the heating surface 30 °C is reached at half heating power and 45°C at full heating power. Depending on surrounding conditions the temperature reached on upholstery is a slightly lower



For programming take note of the enclosed "Description of seat heating control".



Keep the THERMO function off when the treatment bed is not used anymore.

9. VIBRO-RELAX



Don't use the THERMO and VIBRO options for clients with pacemaker, pregnancy, thrombosis and pain of unclear origin.

Don't use while sleeping.

Keep children away.

Don't leave people with special needs unsupervised during time of usage.

Don't use the VIBRO-RELAX option if it doesn't work correctly. In this case please contact our customer service immediately.

Don't touch the seat if there is liquid on it. In this case pull out the power connection immediately.

If THERMO/VIBRO is not in use, pull out the power connection.

Remove power connection after usage.

Cleaning: After switching off this option, pull out the power connection and wait until the seat has cooled. Be careful during cleaning that no water penetrates the seat.

The VIBRO-RELAX-Function is available with the following options:
6VIBRO and 2THERMO+6VIBRO.

This pleasant massaging system allows the clients to relax during the treatment through vibration. For this purpose, 6 individual motors are located in the upholstery for the different body regions.

The motors have an effect on the shoulders (back rest), seat and calf (leg support). By tuning the hand switch you can choose the respective body regions you like to stimulate. Simultaneously you can adjust the strength of vibrations (slight, average, strong).

10. VIBRO-Programming

You have the feasibility to call pre-programmed natural vibration options by the operation switch.

Memory Function



Pay attention that the operation switch is turned "off" before you connect the 240V plug to the power.



For safety reasons the VIBRO-RELAX-OPTION is switched off after approximately 15 minutes of operation. To switch it on again, push the appropriate button.

When this function is switched off after 15 minutes and no longer in use, the power switch on the hand control has to be switched off also.

Don't use the VIBRO-RELAX-option longer than 20 minutes for any client.



Long vibration times can cause overheating of the motors. In this case, stop the application and wait until the seat has cooled down.

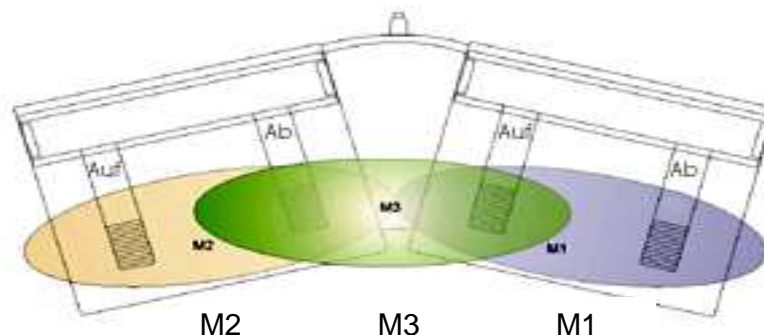
11. Memory Function

With the memory-function, you can store up to 4 frequently used positions under the buttons M1, M2, M3 and M4 on the hand-control (see Abb.4).

To program the memory positions place the chair in the required position and press the 2 storage buttons simultaneously for approx 1 second. Then press the appropriate memory button and a short beep will sound. The memory position is now programmed.



To recall the programmed position, hold the corresponding storage-place-button (M1, M2, M3, M4) until the memory position is reached.



The foot control can be used to access 3 of the memory positions by holding down the appropriate buttons (above) until the memory position is reached.

12. ROTONDE (OPTIONAL)

This function enables you to rotate the treatment bed up to 330°. You can choose the starting point for the rotation as you like. Using the hand lever under the seat you can fix the adjusted position during treatment. To change a position, unlock the hand lever, turn the treatment bed into the new position, and lock the hand lever again.



Free rotation of the rotonde-option is practicable only if the leg support isn't turned down to 90°. When the leg support bumps into the foot of the treatment bed during the rotation the leg support has to be lifted.



Caution! Please pay attention to keep the air hose of the airback away from the hand lever of the rotation option. If they get jammed it might cause severe damage to the air hose.



DANGER of injury! During the rotation of the treatment bed touch it only on the upper side. Never grab under the metallic rotation wheel!



13. Technical Data

Overall length	approx. 180.2cm
Length without head and footrest	144 cm
Maximum width including Arm rests	approx. 81 cm
Seat width without arm rests	approx. 62 cm
Elevation adjustment range (seat)	approx. 55 cm to approx. 96 cm
Maximum height with backrest 75° and leg extended	approx. 170 cm
Backrest inclination	0° to 75°
Couch surface lifting capacity (max. secure operating load)	160 kg
Backrest lifting capacity (max. secure operating load)	75 kg
Total weight without options	approx. 86kg
Adjustment drives with control:	
Transformer capacity primary	230 V/50 cycles per second/120 VA max
Transformer capacity secondary	24V d.c.
Safety device	3 Amp RK
Cyclic duration (drive)	10% max. 2 min/18 min
Mains cable	3 Meter, straight, grey
Manual control	Coiled cable, grey
Equipment safety class system	I with heating and/or Vibro, otherwise II
Safety class system against current impact	Type B
Protection against penetration of materials	IP 51
Smart thermal:	

Cleaning and Maintenance

Transformer capacity primary	230 V/50 cycles per second/120 VA max
Transformer capacity secondary	12 V D.C./8.75 A
Safety devices primarily	2 ampere
Smart thermal alu	
Transformer capacity primary	230 V/50 cycles per second/100 VA max
Transformer capacity secondary	12 V D.C./8.75 A
Safety devices primarily	1.6 ampere slow-acting
Vibro Wellness	
Transformer capacity primary	230 V/50 cycles per second/120 mA max
Transformer capacity secondary	13.5 V D.C./1 A/13.5 VA
Safety device	1.6 ampere of RKs

Site condition for storage and transport

Climate value

Temperature	10°C to ambient temperature 50°C
Air pressure	700 to 1060 hPa
Relative air humidity	20% to 90% with 30°C condensing

Site condition in the use climate value

Temperature	+5°C to ambient temperature 40°C
Air pressure	700 to 1060 hPa
Relative air humidity	20% to 75% with 30°C condensing

14. Cleaning and Maintenance

Clean the casing and the instruments with a damp cloth or sponge and mild soap.



Don't submerge the bed or parts of it into water

Don't let water penetrate the bed during cleaning.

Check the cables regularly. If in doubt about the condition of the cables get into contact with your retailer or customer service.

14.1. Maintenance (Upholstery–Cleaning / Disinfection)

Before using the bed it should always be covered with a terrycloth cover. It is more hygienic and helps to extend the lifetime and the appearance of the vinyl upholstery.



In case the upholstery has to be cleaned, pull out power-supply plug and only use normal household soap and lukewarm water.



Never use chemical detergents such as bleach, acetone, alcohol etc. These products will damage the upholstery permanently.

Please contact customer service should you have any queries.

Warranty

The Gharieni GmbH offers a warranty of two years on the new equipment. The wear parts are not under guarantee (for example light-bulb, UV-lamps, non-returnable gloves, etc.). Likewise we don't guarantee damages originating from improper use, non-observance of the regulations in the instructions and/or by gross negligence. Furthermore the guarantee is ceased if stickers (for examples type sign, warning signs, etc.) are removed, or the equipment or parts of it are opened, and this is not explicitly permitted in the operating instructions (eg. for cleansing purposes).

EC Certification of Conformity

The following equipment adheres to CE regulations, and the following guidelines have been respected.

(If you make any modification or change to the product without our permission, this guarantee is no longer valid).

Name of the equipment:	Treatment Bed
Type of equipment:	Series SPL, Series SL PODO
Relevant EC-guidelines:	EC-Guideline Electromagnetic Compatibility (EMC) (RL 91/263/EWG, 92/31/EWG, 93/68/EWG) EC-Guideline (73/23/EEC) (Low voltage directive) EC-Machine Guideline (89/392/EEC)

Applied co-ordinate norms, particularly:

EN 50081-1 (1992)
EN 55014 (1993)
EN 6100-3-2 (1995)
EN 6100-3-3 (1994)
EN 55104 (1995)
EN 61000-4-2 (1995)
EN 61000-4-4 (1995)
EN 61000-4-5 (1995)
EN 61000-4-11 (1995)

Producer-Signature: GHARIENI GMBH

Dipl.-Ing. Sammy Gharieni



Function of Signer: Managing Director