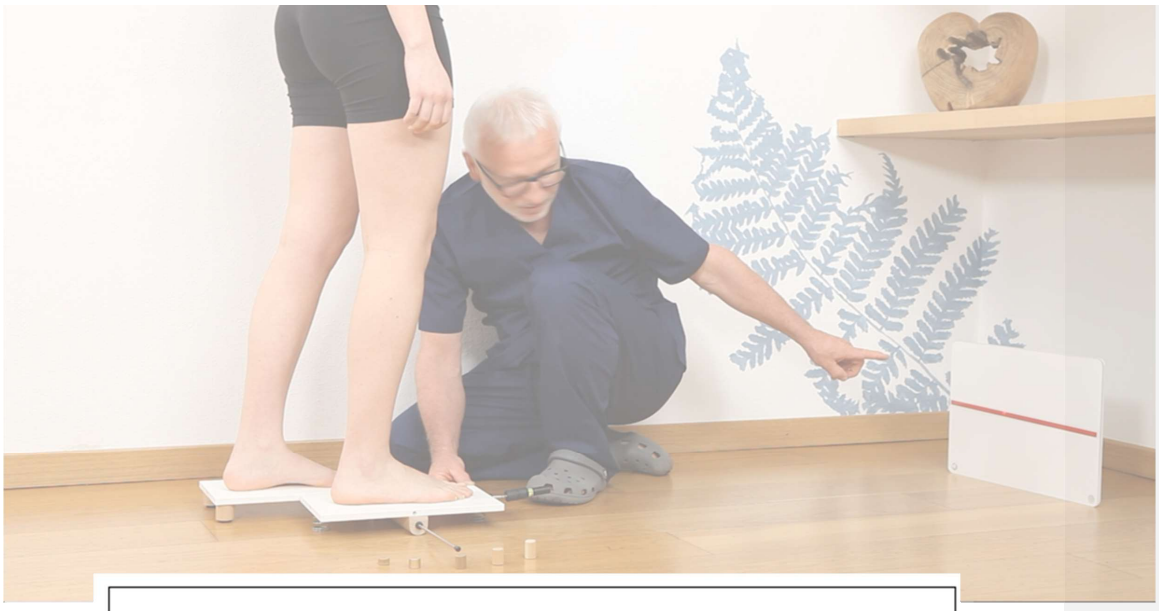


Leonardo PB PROPRIOCEPTIVE BOARD

USE AND MAINTENANCE MANUAL

UDI-DI BASE: 805595442LEOP5

Codice SRN: ITMF000050193

Fabbricante: Crippa Alessandro

REV. 001

01.2026





CE

Leonardo PB PROPRIOCEPTIVE BOARD





SUMMARY

Manufacturer: Crippa Alessandro 1

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1. GENERAL INFORMATION

This manual contains information for the practical, correct, and safe use of the device and is intended for use by specialized personnel and the product user. We recommend that you read the entire manual carefully before using the product.

If you have any doubts or questions, please contact your dealer who will be able to advise you correctly.

The importance of reading and understanding the user manual is highlighted on the product by the following symbol:



1.1 MANUFACTURER



Manufacturer:	CRIPPA ALESSANDRO
(Manufacturer)	VIA PADRE PAOLO MERONI 16
SRN Code	ALBAVILLA (CO)
(SRN Code)	IT-MF 000050193

The manufacturer operates in compliance with the UNI EN ISO 13485:2016 quality standard.



2. PRODUCT DESCRIPTION AND GENERAL INFORMATION

2.1. DESCRIPTION

The board can be used for seated or single-leg exercises. The two hinges and hemispheres allow for different inclination positions. The springs are effective both for reducing oscillations and for creating proprioceptive exercises in which the patient must perform proprioceptive tasks to recognize different resistances. The laser connected to the board ensures correct angular identification.

2.2. INTENDED USE

This kit is intended for rehabilitation purposes. Use of the device for purposes other than those defined in this manual is prohibited. The manufacturer declines all responsibility for damage to persons or property resulting from improper use of the device or any use other than that described in this manual. The manufacturer reserves the right to make changes to the product and the manual without notice in order to improve features and performance.

2.3. USERS

The preferred users are rehabilitation therapists, occupational therapists, or healthcare / sports professionals engaged in recovery processes . It is the specialist's responsibility to assess the physical fitness of the patient for whom the product is intended. Use under the supervision of a healthcare professional is always recommended.



2.4. PATIENT GROUPS AND CLINICAL CONDITIONS

The tools are useful For personalized treatments for patients with neurological and orthopedic conditions. The kit allows for the formulation of targeted therapeutic proposals, both in the post-acute phase and in patients with good recovery, through complex and challenging exercises.

2.5. APPLIED PARTS

- The Class 1 laser beam is considered harmless because the radiation emitted is always below the maximum permitted standards (MPE, Maximum Permissible Exposure). However, it is recommended to avoid pointing it directly at the eyes.
- The surface of the tablet intended to be walked on by the user is considered an applied part. The tablets are manufactured using biocompatible materials.
  Betacril® is a material approved for sanitary use and has obtained the Eurofins international hygiene certificate. This is thanks to its composition, formula , and raw materials, which make it naturally aseptic and antibacterial. Its non-porous nature and homogeneous composition make it perfect for cleaning and disinfecting medical surfaces. Betacril® surfaces are renewable, which means they can be restored to their original appearance with the help of normal detergents and the abrasive sponge included in the kit.
- No part of the device comes into direct contact with blood or other bodily fluids.
- It is recommended to respect the weight and pressure limits indicated in the instructions to ensure correct operation and user safety.

2.6. ENVIRONMENT OF USE

- The device is intended for indoor use, in outpatient settings, physiotherapy offices or at home under the supervision of qualified personnel.
- Not intended for use in wet or outdoor environments.
- Use on a flat, stable floor.



- Avoid direct exposure to intense sunlight or heat sources.

2.7. STORAGE

- Store in a dry place at room temperature
- Do not place heavy objects on the device or apply excessive pressure to the surface.
- Make sure the items are positioned correctly before closing the case.
- Protect from dust and materials that may discolor or damage the tablet.

2.8. MANUFACTURER'S DECLARATIONS

The manufacturer declares that:

- the device is not a measuring instrument;
- the device is not intended for clinical investigations;
- the device is not sterile and is not disposable
- for correct operation and for user safety, it is necessary that ordinary maintenance operations are carried out as described in the relevant paragraph;
- The device cannot be used for purposes other than those indicated in this manual.

3. GENERAL WARNINGS

- Always refer to this manual for proper use of the device. The manual should be kept near the device for easy reference.
- Dropping or impacting the device may cause breakage.
- Be careful when closing the case: fragile components can break if bumped or compressed.




- The product has a useful life of 10 years, provided that the use and ordinary maintenance operations prescribed in this manual are correctly carried out.
- Always check the condition of the device before use. Do not use if any components are damaged or missing.
- The device is designed to be used by only one person at a time; any particular situations (overload, poor stability, incomplete supervision) require attention and, if necessary, additional assistance.
- Do not modify the device or use parts/accessories not supplied or approved by the manufacturer.
- Before performing an exercise, check that the patient has the necessary skills to respond to the task safely.
- Stay close to the subject for weight-bearing exercises on the TABLETS.
- Use the appropriate number of SPRINGS to stabilize the swing board in different contexts
- Avoid exposure to intense heat sources or direct sunlight.
- Keep the device away from substances that may damage it.
- LASER 29. Before using it for the first time, unscrew the cylindrical body of the laser and insert the battery inside , respecting the correct polarity indicated.

Commentato [1]: decide where to insert this part




3.1. ACCIDENTS

If the device is damaged, discontinue use and contact the manufacturer.

3.2. SYMBOLS ON THE DEVICE

	Manufacturer		Production date
UDI	Unique Device Identifier	MD	Medical Devices
REF	Unique reference of the model	CE	Marking
SN	Serious number		Follow the Instructions for use

3.3. SYMBOLS IN THE MANUAL

- Warning symbol: Indicates that the instructions next to it must be followed carefully to ensure safety and correct use.
-

3.4. SYMBOLS ON PACKAGING

Fragile

Recyclable

Do not use sharp blades to open

Keep dry



3.5. SPECIAL WARNINGS

- Do not use the device if it is damaged or incorrectly configured.
- Do not use the device in the presence of flammable substances or extreme environments.
- Do not immerse electrical components in water.

3.6. CONTRAINDICATIONS AND SIDE EFFECTS

- There are no known side effects.
- Always read the warnings before use
- Always check patient suitability before use

3.7. LIMITS OF USE

- Use the device only for its intended purpose.
- Pay attention to the user's stability and the surrounding environment.

3.7.1. RESIDUAL RISKS

- The integrity of the device is not guaranteed if dropped, impacted, or used inappropriately. Delicate components may break or become detached.

3.7.2. FIRE PREVENTION

- Do not expose the device to flames, intense heat sources or flammable materials.

3.7.3. PREVENTION OF ENVIRONMENTAL AND PERSONAL DAMAGE

- Discontinue use if any part of the device becomes damaged.



- Dispose of the device according to local regulations.

3.8. EMERGENCY FUNCTIONS

In case of sudden malfunction, discontinue use immediately and remove the user from the tablet.

3.9. COMMON FUNCTIONS

- proprioception
- strength/recruitment
- spasticity
- rigidity
- transfers
- balance
- I walk

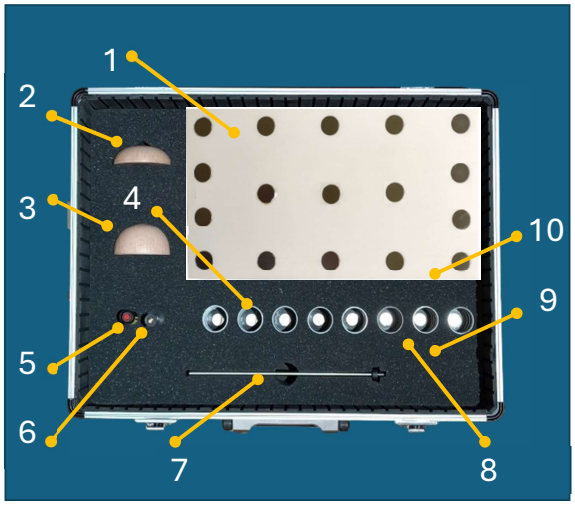
4. PACKAGE CONTENTS AND PRODUCT FEATURES

The product is delivered in cardboard packaging suitable for ensuring its integrity and functionality.

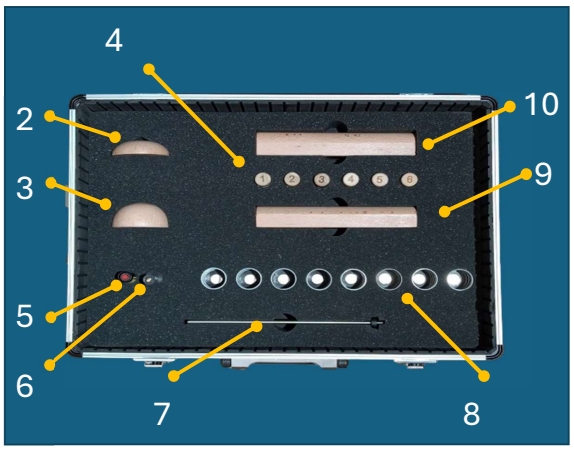
To open the package and remove the contents, pay attention to the warnings and symbols on the package itself.



4.1. COMPONENTS



1	BOARD
2	LOW HEMI-BALL
3	HIGH HALF-BALL
4	HEIGHT INDICATOR
5	LASER
6	LASER HOLDER
7	METAL LANCET
8	SPRINGS
9	LOW HINGE
10	HIGH HINGE

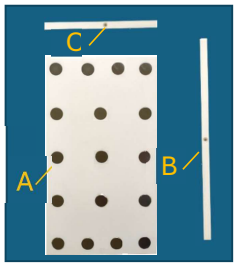




4.1.1. COMPONENT DETAILS

TABLET 1

N°Pezzi:	
A	17 magnets
B	1 laser door thread bushes (6)
C	1 laser door thread bushes (6)

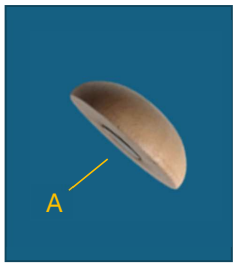


The presence of magnets on the underside of the tablet allows you to position the two HINGES 9/10 or the two HALF-SPHERES 2/3 in the desired position. The SPRINGS 8 housed at the edges allow you to dampen the oscillations of the tablet.bThe LASER HOLDER 6 or the METAL HANDLE 7 can be screwed into the C/D compasses.



LOWER HEMISPHERE 2

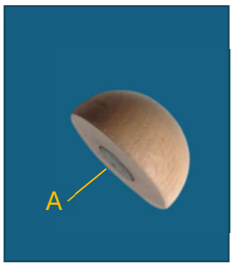
N°Pezzi:	
A	1 tablet magnet



The HALF-SPHERES 2-3 are positioned in contact with the magnets of the TABLET and allow multiplanar movements .

HIGH HEMISPHERE 3

N°Pezzi	
A	1 tablet magnet



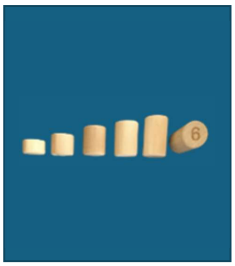
The HEMISPHERES are positioned in contact with the TABLET's magnets and allow multiplanar movements. Using the LASER pointer 6, which projects onto a drawn trajectory, the patient is asked to follow its path.



HEIGHTS 4

N°Pezzi:

6 cylinders of different numbered heights

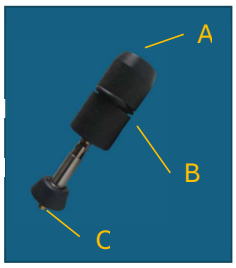


The 6 numbered cylinders can be used to determine a limit switch for the inclinations of the TABLET in angular recognition tasks or as references for the different positions of the HINGE positioned under the tablet.

LASER HOLDER 5

N°Pezzi:

A	space for laser insertion (6)
B	rubber sheath to stabilize the laser (E))
C	threaded terminal to be inserted into the sockets



Screw the threaded terminal C of the LASER HOLDER to the sockets B/C of the TABLET 1. The LASER 6 must be inserted into the LASER HOLDER A with the switch (5A) in the lower part.



LASER 6

N°Pezzi:

A switch

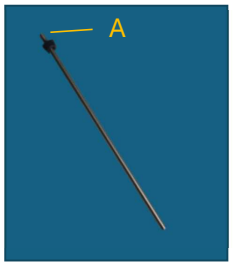


The LASER is turned on and off by pressing it against the bottom of the LASER HOLDER 5. The remotely projected laser amplifies the excursions and oscillations of the tablet, allowing control tasks via Visual Feedback. The Class 1 Laser beam is considered harmless because the radiation emitted is always below the maximum permitted standards (MPE, Maximum Permissible Exposure). However, it is recommended to avoid pointing the beam directly at the eyes.

METAL LANCET7

N°Pezzi

A threaded terminal to be inserted into the hinges (9/10)



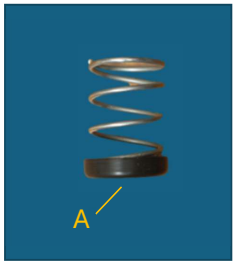
The METAL LANCET7 can be inserted directly into the compasses of the TABLET or into the compass E of the two HINGES to amplify its direction. The HEIGHTS can be positioned as references to recognize the different positions of the HINGE to which the HAND has been inserted.



SPRINGS 8

N°Pezzi:

A 1 magnetic tablet base



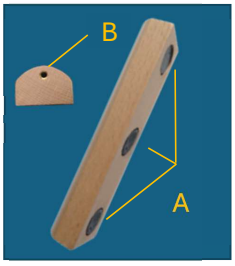
Thanks to the magnets in the center of the SPRINGS, they can be conveniently inserted under the boards in the desired positions. They are useful both for dampening oscillations, making the exercise variable in complexity, and for creating resistance recognition exercises.

LOW HINGE 9

N°Pezzi:

A 3 magnets for 1-LI tablet

B thread bushes to screw the metal lancet (7)



The LOW/HIGH HINGE 9/10 can be positioned as desired on the TABLET's magnets. This allows a single HINGE to have different configurations available and create control tasks on different planes in the longitudinal and transverse directions. The METAL LANCET 7 is screwed onto compass E. This way, the direction of the hinge can be seen on the outside of the tablet. The 4 numbered HEIGHTS can be placed on the floor to identify different angular positions relative to the positions of the HINGE.

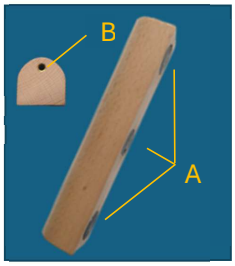
Caution: avoid moving the zipper by acting on the metal hand.Unload the patient's weight from the table whenever you want to change the position of the hinge by acting on it.



HIGH HINGE 10

N°Pezzi:

A	3 magnets for 1-LI tablet
B	thread bushes to screw the metal lancet (7)



For standing bipedal work, use risers of the same height as the HINGED TABLET.

It is also possible to place the limb that is not on the TABLET on a scale to perform load-shifting tasks.

By inserting the LASER HOLDER and asking the patient to hold the LASER on a target, with the TABLET horizontal, the hinge positions change. To keep the table horizontal, the patient must move the Center of Pressure to the hinge position.

