

# Rail Mounting Plate

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**USER MANUAL**

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## 1 - INTRODUCTION



***Before using the Rail Mounting Plate, carefully read all the information contained in this instruction manual.***

Bio-Art's Rail Mounting Plate has been specially designed to enable removal of the plaster cast without breaking it, as with most conventional mounting plates.

## 2 - PACKAGING CONTENTS

- 01 - Rail mounting plate
- 01 - Instruction manual

## 3 - INSTRUCTIONS FOR USE

The rail mounting plate was designed to be installed on the base of the lower or upper frame of the articulator. Its attached by magnet, fitting the plate on the frame pins.

The Rail Mount Plate allows easy fixing and removal of casts without destroying the plaster used to transfer the impression.





For proper operation, care must be taken in fixing and removing the cast, according to the procedure:

- 1) During fixing, place the plaster by filling all the internal space formed between the retaining borders (A) and the base of the rail design, ensuring a better retention of the cast;
- 2) The cast finish on the side edge of the mounting plate should be free of plaster over its entire length to ensure its detachment and sliding during removal;
- 3) Before removing the cast, remove the plaster in the retaining groove (B) of the plate using a pointed tool (e.g.: Lecron carver). This retaining hole prevents the cast from spontaneously exiting the mounting plate while the articulator is in use;
- 4) After all the plaster contained in the retaining hole has been removed, the cast must be firmly held and a small tap should be applied to the edge of the plate in the direction indicated by the arrows located on the underside of the plate. This operation will cause the plate to separate from the plaster and able to slide easily out of the cast.

**Note:** Once the cast is removed from the rail mounting plate, we do not guarantee its replacement with the same precision of the initial working position, as this depends entirely on the technical quality of the work as well as the quality of the materials used in the process (plaster).

### ***Warning!***



***The procedures related to the installation and fixing of the casts in the articulator, as well as handling thereof, are exclusive to the technique used by the professional. Any problem or technical failure arising from improper use or improper installation of the equipment is the sole responsibility of the professional.***

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## 4 - TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Rail mounting plate with weak fixing force	Accumulation of residues between the fixing contact surfaces	Clean the contact surfaces between the plate properly
Difficulty in removing the cast from the Plate	Plate with imperfections or deformations	The deformed Plate must be replaced
	Plaster quality	Always use plaster of proven quality

## 5 - MAINTENANCE AND CLEANING

The Rail mounting plate should be washed exclusively with water and neutral detergent; always keep the product completely dry. For cleaning, never use solvents or metal spatulas.

## 6 - TECHNICAL SPECIFICATIONS

Material:

Injected plate: PA 6 + 30 % glass fiber.

Metal insert: Stainless Steel SAE-420.

Weight of plate injected with insert: 22 grams, ( $\pm 10\%$ ).

## 7 - SAFETY PRECAUTIONS

This manual contains only the basic and simplified information regarding the product, which does not replace proper course and training. The Rail mounting plate is a product intended for use only by specially qualified professionals in the area, who are fully responsible for its correct use.

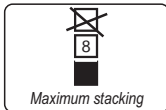
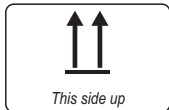
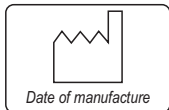
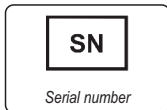
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## 8 - SPECIAL STORAGE CONDITIONS

When not in use, store the Rail mounting plate in a dry, dust-free, chemical-free location away from sources of excessive heat and direct sunlight;

## 9 - SIMBOLOGIA



## 10 - WARRANTY TERM AND TECHNICAL SUPPORT

BIO-ART Equipamentos Odontológicos Ltda. grants a warranty of 1 (one) year for this product, counted from the date of purchase. This warranty covers any and all manufacturing defects and is provided by repairing the device subject to the following requirements:

- The product has been used properly, according to the instructions described in the instruction manual;
- The claim is accompanied by the Invoice and filed within the warranty period, followed by a report describing the defect and the serial number of the product;

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- The product is used, transported and stored with care;
- The cost for transportation (round trip) is borne by the customer.

**Warranty limitations:**

- Natural wear of parts;
- Misuse, dropping or accidents;
- Improper transport;
- Repair by unauthorized persons;
- Use in disregard of the characteristics and purposes of the product;
- Wear due to exposure to adverse conditions (humidity, cold and intense heat);
- Damage due to lack of cleaning or maintenance with improper products;

**In case of further questions, please consult the manufacturer:**

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**11 - AUTHORIZED TECHNICAL SUPPORT**

For your safety, the technical support for this product must be performed by authorized persons/companies. Find an Authorized Service Center on our website: [www.bioart.com.br](http://www.bioart.com.br)

**12 - AUTHORIZED REPRESENTATIVE IN EUROPE**

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