

# User Manual

## *Assistent table Anna*

- *Model Anna Tripod*
- *Model Anna Cross*
- *Model Anna Special*



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# 1. Assistent table Anna

Thank you for choosing a Rini assistant table.

Rini's assistant tables Anna are designed to offer medical professionals the best possible function and ergonomics to meet demands in daily work. Operators as well as patients have been in focus when we have developed the product.

The tables are easy to move around in the operating room and they stand firm when braked. The height is electrically controlled and the range allows an optimal ergonomic working position. Tabletops are made of stainless steel, are sound absorbing and have smooth surfaces for best hygiene. Different sizes of tabletops are available, and the Anna Cross table can also be fitted with fall restraints on one or more sides of the table.

Rini is constantly improving existing products and developing new ones. Consequently, we value the professional user's point of view so do not hesitate to let us know your opinion about any of our product lines.

## 2. Important - Before use



**To ensure safety and the lifespan of the product, it is important to observe the following instructions before use. Please read this manual carefully and understand how to use the product.**

### 2.1 Unpacking and installation

Before the product is unpacked make sure that the packaging has not been damaged during transport. If so, document these with a picture and report this to the transport company and your local Rini representative.

The assistant tables are normally fitted and ready to use. The table has battery operation and check that all cables are properly connected, and that the battery is charged.

### 2.2 Intended areas of use

The assistant tables are designed for different types of work in operating rooms where the operator needs a stable and ergonomic table for surgical instruments and accessories.

Intended areas of use include Neurosurgery, Eye Surgery, Ear, Nose and Throat surgery, Facial Plastic Surgery, Robotic Surgery, Dental Surgery and similar surgical areas.



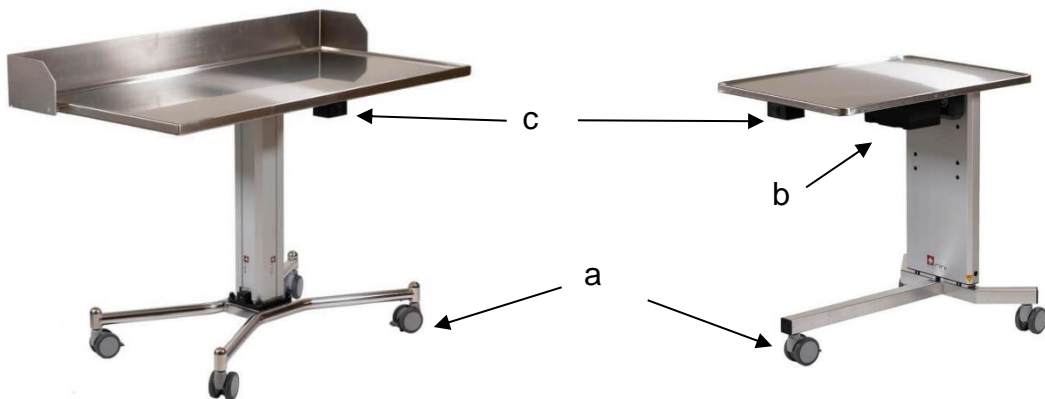
**The assistant tables may only be used for the purposes specified in this manual. Any other use may pose a risk to the user.**

### 2.3 Product identification lable

The label shows the product part number and its unique serial number.



## 3. Basic adjustment of the table



- a) Lockable wheels
- b) Control box with rechargeable battery
- c) Control panel (different positions possible) with charge intake

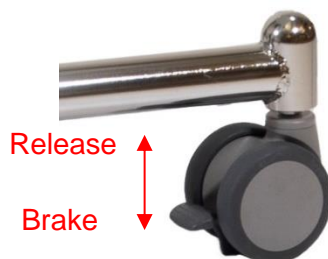
### 3.1 Adjusting the tables height

The tables have electric height control which is battery operated. The height of the table is controlled with a control panel mounted under the edge of the tabletop.

Operation is done by pressing the control panel switch. Press the top of the switch and the table moves up, release the switch and the table stops. Press the lower edge of the switch and the table moves downwards, release the switch and the table stops.

### 3.2 Wheels and brake

The tables have easy-rolling wheels that are individually lockable.



The wheels are locked by pressing the foot down on the wheel lock lever. The brake is released by pulling the wheel lock lever up.



**Assistant table Anna Cross with 4 wheels and centre mounted pillar can be loaded with a maximum of 75 kg. Anna Tripod with 3 wheels can be loaded with a maximum of 50 kg.**

## 4. Charging & handling the battery

The charger inlet is located on the control panel. A fully charged battery will operate the table approximately five days during normal working conditions.



Charger inlet

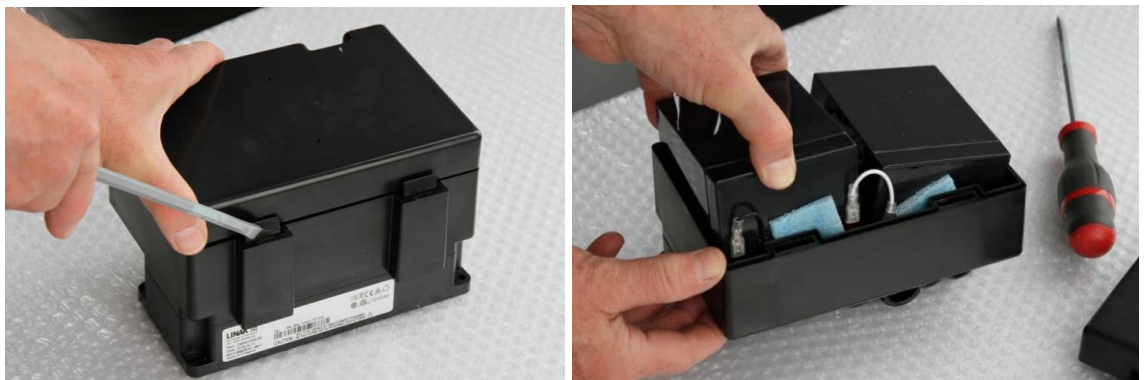
It takes approximately 12 hours to fully charge the battery and charging is automatically switched off to avoid overcharging.



**The table should not be used during charging. Only the dedicated charger must be used.**

### 4.1 Replacing the battery modules

The batteries are mounted inside the control box and to replace them first unplug the control box connectors and remove the four screws holding it.



Use a small screwdriver to open the cover of the control box. Remove the batteries and unplug the connectors. Insert new batteries and reconnect them accordingly.

Re-install the control box and cables.

## 4.2 Maintenance of the battery

Batteries have a limited lifecycle and must be replaced after approximately four years of use under normal operating conditions. For optimum performance, the battery should be charged weekly and must be charged at least every third month to avoid damage from self-discharge.

## 5. Cleaning and maintenance

No part of the product normally comes into contact with the patient during surgery. Exposed parts should be cleaned after each use and follow the hospital's cleaning regulations and procedures.

### Disinfection

Part	Product	Information
<b>Tabletop, chassis and wheels</b>	Disinfectants according to hospital's recommendation	Disinfectants containing alcohol can be used
<b>Control panel</b>	Noedischer Dekonta CCOTRADE RW	1-3% concentration 0,5% concentration

### Cleaning

Part	Product	Information
<b>Tabletop</b>	Water and soap	Use damp cloth
<b>Chassis and wheels</b>	Water and soap	Use damp cloth
<b>Battery charger</b>	Water	Use damp cloth

### Repairs

The product should only be repaired by Rini or a Rini authorised service centre. Product to be repaired under warranty must be sent to Rini factory or an authorised Rini service centre.



**Unauthorized repairs and modifications may result in loss of function and void warranty.**

## 6. Safety

The product should only be used as intended otherwise it can cause injury to persons or product. Necessary knowledge of the product is required before clinical use and this manual should always be available when using the product. No accessories other than those mentioned in this manual may be used. Please note the warning signs on the product.



**Warning signs are used when there is a risk for patients, staff or product.**

## 6.1 CE Declaration of conformance



**Assistent table 130-0010n-xx follows EU Directive MDD 93/42 EEC for medical products.**

**Tested according to EN/IEC 60601-1.**

## 7. Technical specification

<b>General</b>	
Weight	Anna Tripod 23kg / Anna Cross 43kg
Tabletop L X W	Anna Tripod 700 x 500mm / Anna Cross 1000 x 600mm Other dimensions and designs are available on request
Medical classification	Class 1 Type B
Standard	EN/IEC 60601
Protective class	IPX4
Battery	24V 2,9Ah rechargeable lead acid
Charger	100 - 240V
<b>Operator data</b>	
Lifting capacity	Anna Tripod 50kg / Anna Cross 75kg
Height adjustment	850 - 1350mm – with push button Other heights are available on request
<b>Operational environment</b>	
Temperature	+5°C to +40°C
Relative humidity	20% to 90% at 30°C
Atmospheric pressure	700 to 1060hPa
<b>Transport and storage</b>	
Temperature	-10°C to +50°C
Relative humidity	20% to 90% at 30°C
Atmospheric pressure	700 to 1060hPa

## 8. Disposal and recycling

The product is mainly made from environmentally recyclable materials as steel, stainless steel, aluminum and plastics. Rini recommends that the material be sorted and recycled in connection with the destruction of the product.



**Electronic parts and cables shall be handled as electronic waste in accordance with local requirements. The battery contains lead and is disposed according to current environmental legislation.**

## 9. Warranty

The warranty is valid one year from the date of purchase. Please contact Rini for further information.

Rini Ergoteknik AB Fågelsångsvägen 3B  
SE-186 42 Vallentuna Sweden  
Phone +46 8 594 77170  
Email [info@rini.se](mailto:info@rini.se) [www.rini.se](http://www.rini.se)

