

# HEPRO

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## ARCTIC 17

User Manual

2/2018 Edition

28997

CE

# User Manual

Rise Recliner Chair: Arctic 17

## Foreword

Congratulations on your new Arctic 17 rise-recliner, a quality Norwegian product designed and manufactured by Hepro. Arctic 17 models are the upgraded rise-recliners in the Arctic series which have been designed for maximum comfort with user-friendly controls and quality upholstery. Arctic products meet industry standards in relation to safety, quality and functionality specifications. For more information about these specifications, please refer to this manual.

Hepro is a Norwegian company that develops and manufactures aids for the elderly and disabled. Established in 1987, we currently have 45 employees. Our Head Office, as well as our factory, is based in Nordland at: Hepro AS, Øvermoan 9, 8250 Rognan.



**Please remember to read these operating instructions carefully before use.**

This user manual is written so that you can familiarise yourself with your new Hepro product and is applicable to the following models:

- Arctic1740
- Arctic 1745
- Arctic1750
- Arctic 1755
- Arctic1760

It contains useful tips on settings, adjustments and precautions in relation to use, as well as information on cleaning and maintenance to ensure you get the best out of your Hepro product.

## Contents:

Foreword	2
Contents	3
Explanation of symbols	4
Contents in the pack	5
Usage	8
Assembly	9
Use of Remote	10
Using other functions	12
Customisation	13
Maintenance	18
Guarantee	18
Environment	19
Electromagnetic interference	19
Safety information.	20

# Symbol Explanations



Manufacturer



Caution



Production date



Please read and follow instructions



Serial number



CE compliant



This product is protected against electrical shocks in accordance with standards

**IP21**

IP classification



Waste Disposal

## Contents in the pack

Arctic 17



Remote Control



AC/DC  
Adaptor



# Electrical Specifications

Product name		Arctic 17
Model number		29XXX
Input	input voltage	200~240V AC
Output	channel	3
	max output	29V DC, 2.5A
	transformer type	SMPS
	timer	2MinON/18MinOFF
	control	Analog
Size		See the table on the next page
Weight (g)		See the table on the next page
Operating conditions	Temp °C	0 ~ 40
	R.H. (%)	0 ~ 90
	ATM (hPa)	700~1060
Storage conditions	Temp °C	-10 ~ 50
	R.H. (%)	0 ~ 90
	ATM (hPa)	700~1060
IP Rating		IP54

## Technical Specifications

Measures and dimensions		17/40	17/45	17/50	17/55	17/60
Seat height in front min	cm	45	45	45	45	47
Seat height in front max	cm	55	55	55	55	57
Seat height in upright position sloping forward	cm	57-64	57-64	57-64	57-64	55-62
Seat height in upright position sloping back	cm	71-78	71-78	71-78	71-78	73-80
Seat height in upright position straight forward	cm	72-79	72-79	72-79	72-79	NA
Seat height in upright position, straight back	cm	73-80	73-80	73-80	73-80	NA
Seat depth min	cm	39	43	43	43	43
Seat depth max	cm	49	53	53	53	53
Seat width	cm	40	45	50	55	60
Back height	cm	81-99	81-99	81-99	81-99	81-99
Armrest distance min (inside)	cm	40	45	50	55	60
Armrest distance max	cm	50	55	60	65	70
Armrest height min	cm	6	6	6	6	6
Armrest height max	cm	22	22	22	22	22
Armrest width	cm	13	13	13	13	13
The maximum width of the chair	cm	67	72	77	82	87
The chair's maximum length	cm	182	182	182	182	182
Tilt in degrees (of the chair)	°	20	20	20	20	12
Max user weight	kg	165	165	165	165	260
Weight of the chair	kg	57	59	61	63	79

# 1 Usage Specifications

The **Arctic 17 Standard 50** and **Standard 55** rise-recliners are designed for people who may find it difficult to sit in or, raise themselves out of a conventional chair. The rise-recliner is comfortable and has many settings to ensure the user can enjoy the luxury it affords. The back is partitioned with angle and height adjustments to the upper part, ensuring the best possible support. The chair has been designed and tested to support weights of up to 165kg. In addition, it has an adjustable breadth and the armrests can move out to a total of 5cm.

The **Arctic 17 60** has the same functionality but is modified to support a greater weight capacity of up to 260kg. The width of the seat is 60cm. The **17 60** also has extended armrest functionality with a total of 10cm expansion capacity.

The **Arctic 17 40** and **45** are our smallest rise-recliners. They have the same capabilities as the other models, but are suitable for smaller people, even though the maximum user weight is set at 165kg. The seat width is only 40 or 45cm wide. The seat is also shorter for the **40** models, compared to other Arctic models.

All five models are available with turn and tilt functions. The turn function allows 180° rotation of the chair. The tilt function allows the user to tilt the entire unit, both in a sitting and horizontal position. In the maximum tilt and default positions, the user can enjoy excellent benefits.



## 2 Assembly

### Attaching the back

During transit, the back of the chair is removed. Prior to use, therefore, the back must be mounted. Place left metal sleeve **A** over the long pin **B** - as shown in the picture. Then place the right sleeve **C** over the short pin **D**. After this, press the back all the way down on the pins so that it meets the bottom.



### Power Supply

To enable the chair's electronic functions to be used, it must be connected to mains power. The supplied adaptor must be used here.

### 3 Use of remote

The Arctic rise-recliner is operated using TiMotion-remote. The remote is easily accessible, hanging on the outside of the armrest, on the right side as standard. This can be moved to the left side if needed.

#### Arctic 17standard

##### A - Lifting the chair

When button **A** is held in, the chair rises. If the back and leg supports are in use, they are re-aligned before the operation begins.

##### B - Default position

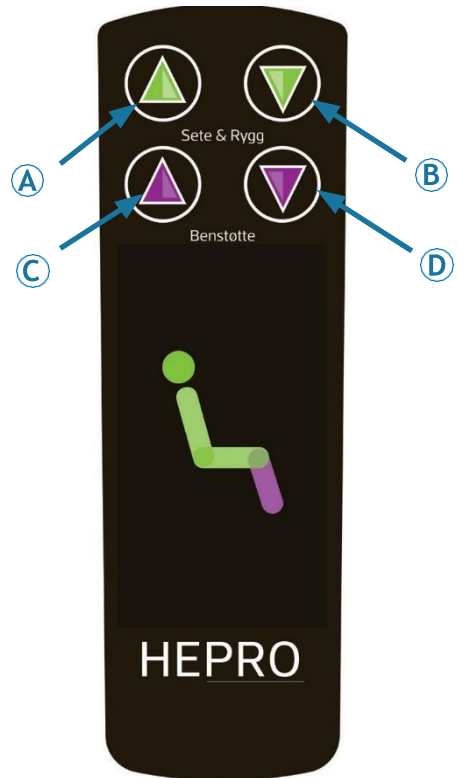
When button **B** is held, the chair returns from a risen position to its default position.

##### C - Leg support up

When button **C** is held in, this raises the leg support up and out. Remember, in order for the leg support to be operable, the chair must be in its default position. If the leg support does not work, please return the chair to its default position first by pressing button **B**.

##### D - Leg Support Down

When button **D** is held in, this returns the leg support back to normal.



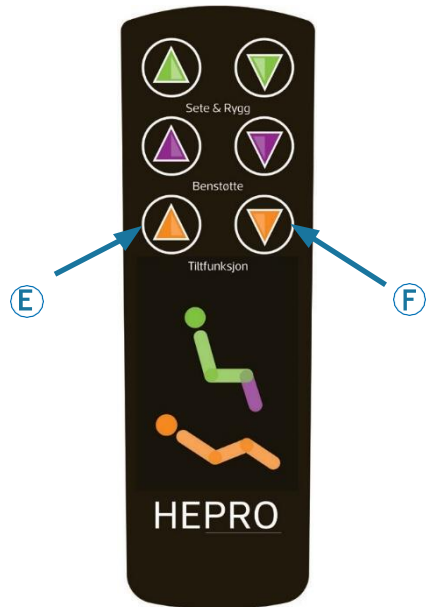
## Arctic 17 with tilt (full Redine)

### E - Tilt backwards

When holding button **E**, the chair is tilted/reclined backwards. The feature allows the entire seat unit to tilt/recline, regardless of the angle of the seat and back. For safety reasons, the tilt/recline function can only be activated with the chair in a default position.

### F - Tilt forwards

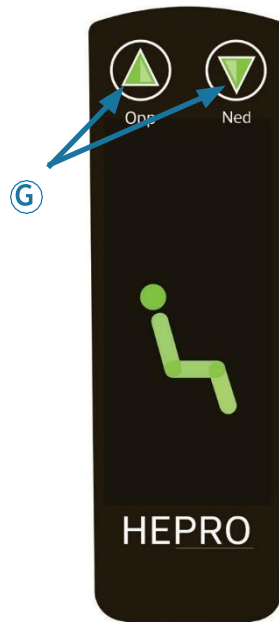
When button **F** is held, the chair is tilted forward.



## Arctic 17 synchronous motion

### G - Synchronous motion

Two buttons control seat and leg support synchronously for ease of operation. The left button moves the chair to the horizontal position, and the right button moves the chair to the upright position.



## 4 Using other functions

### Turn lock function

The Arctic 17 is also operable by using the turn lock function. Simply swivel the chair by lifting the lever. When the desired position is reached, lock the chair into the nearest "locking hole". The chair can turn 180° and lock at 15° intersections. The lever is on the right as standard but can easily be moved to the left side.

### USB

Arctic 17 comes with USB in the armrest. The USB port can be used to charge or operate USB devices. Just plug in the desired device. Please keep in mind that the USB ports do not work unless the chair is plugged into the mains.

## 5 Adjustment of the chair

### Intro

In order for your Arctic chair to feel as comfortable as possible, it is important that it is adjusted according to your body size and sitting position. When the size of the chair is allocated, the following should be adjusted to get the maximum benefits from the chair: Seat height; seat depth; seat angle; upper back; neck pouch; armrest and leg support. In addition, the chair can be used in conjunction with accessories suitable for the user. It is important for the user to utilize and relax into the natural contours of the chair.

① Height adjustable neck pillow

② Adjustable, partitioned back

③ Adjustable armrests

④ Remote

⑤ Release to maneuver

⑥ Extending footrest

⑦ Tilt and rotation undercarriage \*

\* On selected models



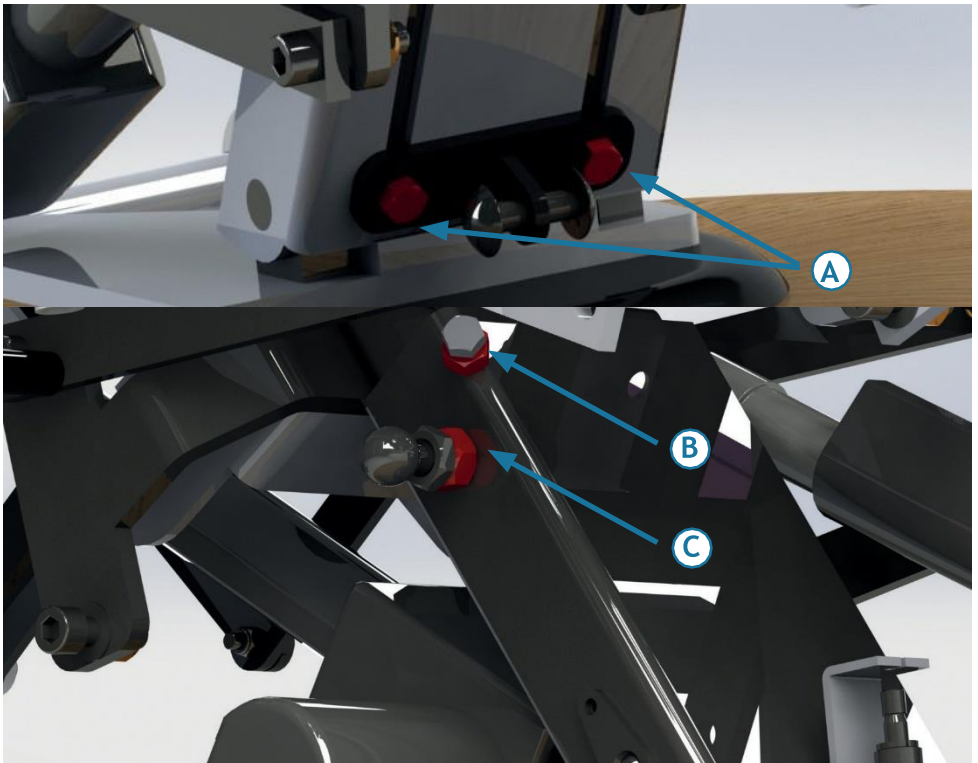
## Adjusting the seat height

In order for your Arctic to deliver maximum comfort, it is necessary to adjust the seat height to suit your needs. This is done as follows:

Tilt the chair forward so that it rests on the leg support and the front of the armrests.

- Loosen the screws so that the actuator bracket moves freely **A**.
- Loosen the column by opening the screw **B**.
- Pullout the spring loaded bolt **C**.
- Move to the desired position
- Release the spring bolt so that it will fit into the nearest hole and lock the column with the screws. Tighten well.

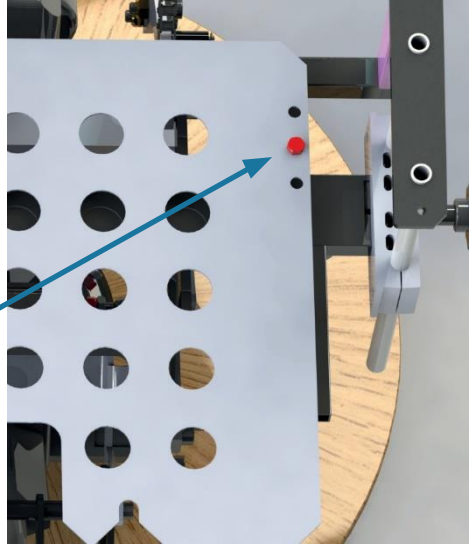
**NB!** Make sure the release fastenings do not get too tight, but glide freely. Also make sure that the fabric strip from the foot pad is moved forward on the seat plate so that it is not too tight!



## Adjustment of seat depth

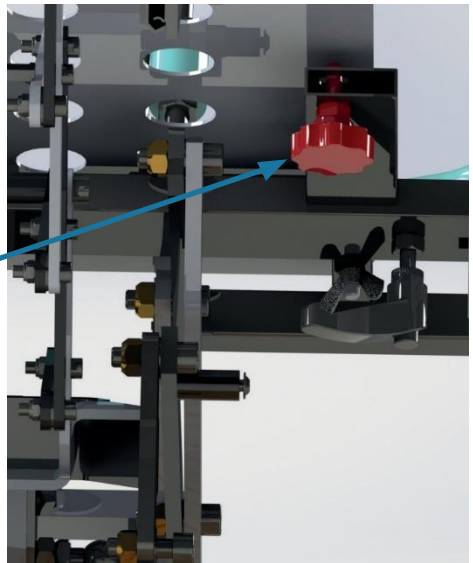
The seat cushion is attached to the seat plate with Velcro and is adjustable in depth. The cushion is detachable and can be moved to optimise comfort.

The seat plate is attached to the seat frame with two bolts and associated wing nuts. The seat plate has three holes for regulation. By default, the disc is attached to the center hole. Combining the position of the seat plate and seat cushion achieves the optimal seat depth for the user.



## Adjustment of seat angle

By adjusting the wheel under the seat, you can move the angle of the seat to the desired position. There is a wheel on each side. Before operating the wheel, the wing nuts securing the seat plate must be loosened slightly and then tightened again when the desired position is reached.



## Adjustment of the back

The upper part of the back can be used to extend the back. Lift it up or press it down as desired. It locks into stepped grooves on the pins. The upper part of the back can also be angled. Bend it back or forth until you find the position that suits you.

If you want a shorter back, the upper part can be completely pulled off.

## Adjustment of neck pillow

The neck pillow hangs loosely over the backrest, guided by a cloth guard on the back. This, combined with counterweight, ensures that the pillow stays in place when placed in the desired position.

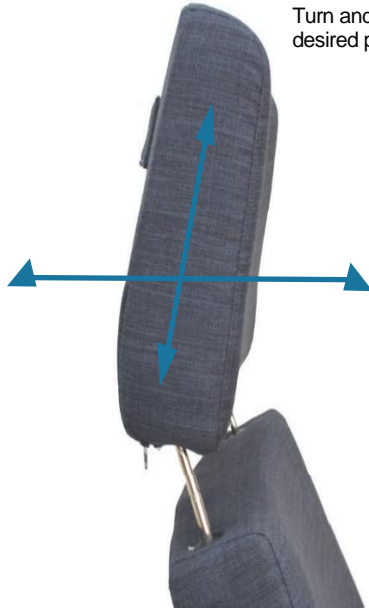
If you choose to use only the lower part of the back, your pillow can be moved down.

## Adjustment of leg support

The leg support is attached to a scissor mechanism with two sliding rails. A tension strap pulls in the foot pad when the leg rest is pushed in. The leg support grows in length when released and detracts when returned to the default position.

### UPPER BACK

Turn and pull to desired position





## Adjustment of armrest

Adjusting the armrest is something you can do yourself and is both simple to do and doesn't require tools.

The armrest height can be adjusted seamlessly by loosening the wheel **C** and then raising or lowering it to suit the user. Once the desired position is found, the steering wheel locks again.

For increased ease of use, the armrest can be folded all the way down, which allows entry to the seat from the side.

In addition to height adjustments, the armrests can also be modified to extend the width of the chair - up to 5 cm (10 cm in total) on each side. For adjustment, loosen ratchet bracket **D** and pull armrest to desired position. Then fasten the ratchet bracket.

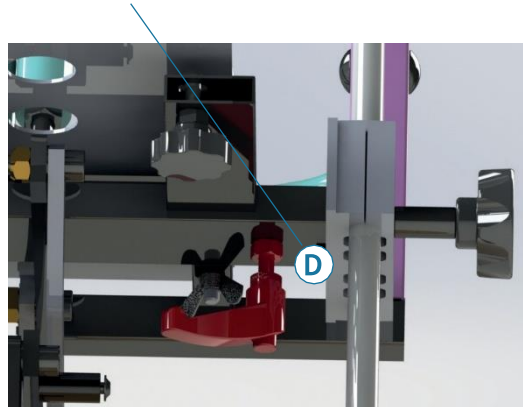


### CHAIR WIDTH

Loosen the wheel to adjust width

### ARMREST

Loosen the wheel to adjust width



**NB!** Always raise the armrests from the folded position before they are adjusted sideways so that they can move freely.

## 6 Maintenance routines

### Cleaning

Fabrics can be washed in a machine in temperatures up to 60° C. Do not tumble dry! After it has dried, it can be ironed gently. When washing the neck fabric, remove the material from the pouch as washing may cause corrosion. Furniture cleaning products can be used on stains. Other parts you can just wipe clean with a damp cloth.

Use with mild soapy water with damp, but not wet, cloth or sponge. Other parts should be treated once a year with neutral leather cream.

### Other maintenance

Basically, there is no need for additional maintenance other than the recommended cleaning routines. Over time, however, it may be necessary to lubricate moving parts to keep product quality and functionality. If there is dysfunction in moving parts, grease with a mild, thin oil. In case of further malfunction of the chair, please contact our Help Centre. Regarding products purchased directly from us, please contact Hepro on: Tel. +47 756 94700.

## 7 Guarantee

For use in accordance with the operating instructions, HEPRO provides a 2 years warranty against material and manufacturing faults. In the event of complaints or inquiries about the product, the serial number must always be given as a reference.

## 8 Environment

The rise-recliner has been designed to be durable and is intended to last. Should the chair get dirty, become uncomfortable or be recycled, Hepro has taken this into consideration. The cushions can easily be removed and replaced by a new quality set of cushions from Hepro which also reduces environmental impact.

## 9 Electromagnetic Interference

The Hepro Arctic 17 has been tested according to the requirements of NS EN 60601-1-2: 2015. This stipulates and clarifies that:

- The rise-recliner is not affected by the electromagnetic field of any external sources, provided that they meet their own and required specification.
- The lifting chair does not affect other electrical equipment due to the electromagnetic field it radiates.

Should, nevertheless, suspicion arise that the rise-recliner is being affected by other electrical equipment, contact the Help Centre and /or Hepro directly, immediately.

## 8 Safety

### Caution

- The chair is an aid and should not be used as a toy for children
- Overload can cause damage to both the user and the product.
- If you notice that the chair is not functioning as described, or as you are used to, please contact the Help Centre immediately for inspection.
- Do not let your own weight come forward or let other people sit on the footstool. The chair can overturn.
- Even though the upholstery is fire resistant, caution should be exercised when using an open flame near the product. E.g smoking.
- Always check that neither people or pets are under the chair before electrical functions are used. In such instances the lifting mechanism may constitute a crush hazard.



**HEPRO AS**

Øvremoan 9  
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Norge