



**AKRON<sup>®</sup>**  
**BOBATH**

Models  
4411, 4412, 4421, 4422

**USER MANUAL**



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"The **CE** mark on this product demonstrates conformity with the EC Directive 93/42/EEC."

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## **1. Introduction**

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Always keep this Operating Manual available for reference.

### **Warnings & Cautions**

#### **WARNINGS**

**Warnings identify possible hazards in procedures or conditions which, if not correctly followed, could result in death, injury or other serious adverse reactions.**

#### **CAUTIONS**

**Cautions identify conditions or procedures which, if not correctly followed, could result in equipment failure or damage.**

### **General Warnings**

#### **WARNINGS**

**Use only accessories that have been designed or approved for use with this couch.**

**Do not use electric couches in the presence of flammable gasses such as an anaesthetic agent.**

**Maximum Load 225 Kg (495 lbs) distributed evenly.**

**Do not concentrate weight on either side of the couch.**

**Plug acts as a disconnect device.**

**Do not allow children to play with the couch at any time.**

**Adequately supervise children in the proximity of the couch.**

## 2. Installation

### Adjustable Foot

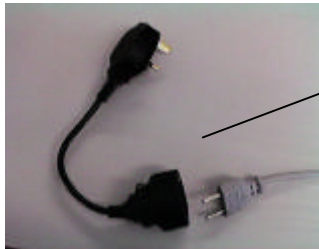
**WARNING**  
**Lock castors before adjusting.**



- A) Lock castors first.
- B) Adjust foot.
- C) Lock foot by tightening half nut.

**WARNING**  
**Do not insert the 2-pin mains connector directly into a 3-pin 13A mains outlet.**  
**Always use the adapter provided.**  
**Plug acts as a disconnect device.**

### Electric Models



Use adapter if 3 pin 13A plug is required.  
(Order reference 5S0409Z)

Ensure mains supply cable is not stretched when connected.

Ensure, during couch use, no obstacles are in its path.

Ensure hand / foot switch tubes or leads are not trapped by moving parts of the couch.

**CAUTION**  
When not in use, switch couch off.

### 3. Operation

#### Elevation Controls

#### **WARNING**

**Safely position patient before elevating couch.**  
**Position all electrical cables away from the moving parts.**  
**Position Hand/Foot switch where accidental operation is not possible.**

#### Hydraulic Models



Hydraulic Pedal



PUMP PEDAL TO  
RAISE COUCH





LIFT PEDAL TO  
LOWER COUCH

#### Electric Models




Handswitch


Press  to raise couch.

Press  to lower couch.



Footswitch

AUF  
Press  to raise couch

AB  
Press  to lower couch.

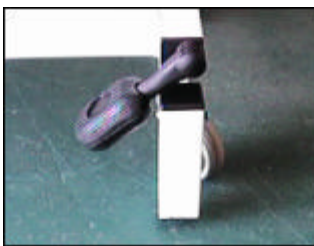
### 3. Operation

#### Wheel Locking

#### **WARNING**

**Lock couch wheels/castors prior to patient transfer or treatment.  
The retractable castors are not designed for transportation of patients.  
Disconnect and coil electrical cord away from moving parts prior to repositioning couch.**

#### Castors



Castors Unlocked



Castors Locked

#### Head Section

#### **CAUTION**

Support upholstery section while manually altering angle.



- A) Press lever UP to alter section angle.
- B) Support section when altering angle.
- C) Release lever to lock section in position.

Head Section Operating Lever

Angles = +85° - 0°

### 4. Accessories – Operating Instructions

#### Breathing Hole and Plug



Remove plug for patient prone position

Press out from underneath

## 5. Cleaning and Decontamination

### WARNING

**Do not use Alkalies or other organic solvents for routine cleaning.**

**Replace torn or damaged vinyl immediately.**

**Always cover vinyl with fresh paper or sheet between patients.**

**If contamination is known or suspected always decontaminate couch before use.**

Frequency of routine couch cleaning will depend on exact application.

### CLEANING / DECONTAMINATION

Wear suitable protective clothing

Disconnect mains supply

Locate couch in a suitable cleaning area with castors disengaged or wheels locked.

- A) Using a clean damp cloth, warm water and soap carefully wipe couch from top to bottom, taking care around electrical components.
- B) Wipe couch carefully from top to bottom using a damp cloth and clean water.
- C) Wipe couch carefully dry with clean paper towels from top to bottom.

If **DECONTAMINATING** then repeat steps a) to c) using a dilute Hypochlorite / warm water mixture (10,000ppm) instead of warm water and soap.

Safely discard cleaning / decontaminating materials.

Wash hands thoroughly.

Put couch back into service.

## 6. Troubleshooting – Electric Actuator

Symptom	Possible cause	Action
Actuator will not work	Power disconnected	Ensure mains supply is connected
	Fuse blown	Replace fuse in socket
	Hand/footswitch disconnected	Check that the hand/foot switch is fully inserted into the actuator

If the problem persists consult your local Akron Supplier.



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## 7. Maintenance

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Check couch visually before use.

Carry out routine servicing every six months or more frequently if in heavy use.

Routine servicing or repair must only be performed by suitably qualified person.

### **WARNING**

**Before commencing any maintenance activity, disconnect the couch from the electrical supply.**

**Plug acts as disconnect device.**

Examine the couch for any signs of damage. Make sure that all nuts, bolts and other fasteners are tight. Do not over tighten as this may cause binding.

Upholstery fasteners should be checked, tightened or replaced if necessary.

Check section hinge pins to ensure that no pin protrudes.

Check gas strut controls, throughout the full range of movement for locking and assistance.

Check hydraulic couches for smooth operation and signs of leakage.

### **WARNING**

**All electrical checks should be performed by a suitably qualified and licensed electrician.**

**Neither BLUE or BROWN wires are to be connected to the earth terminal of a three pin plug.**

Examine the flexible cables for cuts, abrasions, kinking or other deterioration and replace if necessary.

Ensure that the power supply connector plug is securely attached.

Check mains plug connections are tight and fuse is correctly rated (5A).

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## **8. Warranty and Service (UK only)**

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Huntleigh Akron's standard terms and conditions apply to this couch. A copy is available upon request. These contain full details of warranty terms and do not limit the statutory rights of the consumer.

For service or maintenance please contact:

Service Department  
Huntleigh Healthcare  
310-312 Dallow Road  
Luton  
Beds  
LU1 1TD

Telephone: 01582 745700  
Fax: 01582 745869

For information on this product, or any other Huntleigh Akron product, please contact:

Huntleigh Akron  
1 Farthing Road  
Ipswich  
IP1 5AP

Telephone: 01473 461042  
Fax: 01473 462924

Huntleigh Akron T/A a Division of Huntleigh Nesbit Evans Limited  
A Member of the Huntleigh Technology PLC Group of Companies  
© Huntleigh Technology PLC 2001.

If for any reason your couch is being returned, please inform Huntleigh Akron prior to sending, and:

1. Clean the product, as described in the cleaning section.
2. Pack it in suitable packing.
3. Attach the decontamination certificate (or other written statement declaring that the product has been cleaned) to the outside of the package.
4. Mark the package "Service Department".

Manufactured in the UK by Huntleigh Akron. As part of the ongoing development programme this company reserves the right to modify specifications and materials of this couch without notice.

## 8. Warranty and Service (UK only)

Huntleigh Akron's standard terms and conditions apply to this couch. A copy is available upon request. These contain full details of warranty terms and do not limit the statutory rights of the consumer.

For service, maintenance and any questions regarding this, or any other Huntleigh Akron Product, please contact:

Huntleigh Akron  
1 Farthing Road  
Ipswich  
Suffolk  
IP1 5AP.  
England  
Telephone: +44 (0) 1473 461042  
Fax: +44 (0) 1473 462924

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## 9. Revision Status

4411, 4412, 4421, 4422			
PAGES	ISSUE	WRITTEN	DATE
ALL PAGES	UM - 01	S.Rees	26/05/98
ALL PAGES	UM - 02	S.Rees	07/01/99
PAGES 8 & 9	UM - 03	J. Austin	18/11/99
PAGE 2	UM - 04 (DCN958)	J. Barker	30/10/00

## 10. Technical Specification

	4411	4412	4421	4422
Head Length (cm)	71±1.5	71±1.5	71±1.5	71±1.5
Foot Length (cm)	124±1.5	124±1.5	124±1.5	124±1.5
Width (cm)	106±1.5	106±1.5	125±1.5	125±1.5
Overall Length (cm)	196±3	196±3	196±3	196±3
Height Range (cm)	46±1.5 91±1.5	46±1.5 91±1.5	46±1.5 91±1.5	46±1.5 91±1.5
Max. Load Weight	225 Kg	225 Kg	225 Kg	225 Kg
Elevation Control	Hydraulic	Electric	Hydraulic	Electric
<b>Electrical Data 230v</b>				
Actuator		220-240v		220-240v
Internal Fuse Rt		T1.6A x 1		T1.6A x 1
Current		1.6A		1.6A
Power		480W		480W
Mains Plug Fuse Rt (UK)		5.0A x 1		5.0A x 1
<b>Electrical Data 115v</b>				
Actuator		115v		115v
Internal Fuse Rt		F4.0A x 1		F4.0A x 1
Current		3.3A		3.3A
Power		380W		380W

## IEC 601-1 Classification

Check serial number label for classification

**230v**



Double Insulated



Type B equipment



Attention consult this manual

**115v**



Double Insulated



Type B equipment



Attention consult this manual

**115v**

Class 1



Type B equipment



Attention consult this manual

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