



# INSTALLATION GUIDE AND TECHNICAL SPECIFICATIONS

Opera® Smart Adjustable Beds

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# 1 Explanations of Symbols



Read information with this symbol carefully and urgently follow instructions. This information is safety-relevant.



This symbol indicates hazards due to electrical voltage. There is mortal danger!



Read instructions.

## 2 Installation and Commissioning

### OP050 Smart Base



Static / Motion™/MotionPlus™ (Folding Deck)



MotionLuxe™ (Full Deck)

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### OP060 Bedstead Surround (Optional)



## Before you begin, you will also need:

- Wall space with a plug socket nearby (not required for Static Version)
- Pair of scissors

**OP051** Screw-In Feet x6  
N.B. The **MotionLuxe™** base has 4 feet



**OP052** Smart Base Handset\*  
N.B. Handset buttons vary depending on the smart base model



**OP053**  
Power Transformer\*



**OP054**  
Mains Power Cable\*



**OP055** Mattress  
Retention Bar\*  
N.B. The **MotionLuxe™** base  
has 2 retainer bars



**OP056** Deck Securing  
Pins and Clips x2  
N.B. **Not required** for the  
**MotionLuxe™** base



**OP057**  
9V Batteries x2\*



**OP058**  
AAA Batteries x2\*



\* Not included with Static Version



### Before you begin!

We recommend that two people install this bed due to the weight of individual parts.

## 1 | Remove outer packaging

Slide base out of cardboard box and remove protective outer wrapping.



## 2 | Unfold smart base deck

Lay the smart base flat on the floor and unfold.

N.B. The MotionLuxe™ base comes as a one-piece deck - this step is not required.

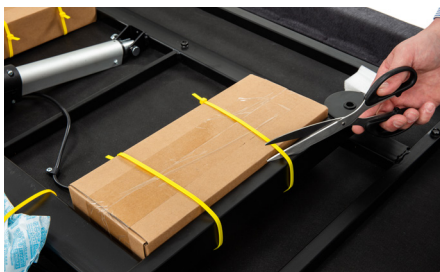


### CAUTION:

Keep hands clear of hinge pinch point. Lay the base flat before unfolding.

### 3 | Detach boxes

Remove the boxes attached to the base by cutting through the yellow cable ties.



### 4 | Open boxes and check contents

Open the boxes carefully and remove contents. Check all components are present by referencing the list below or referring to page 5.



#### Motion™ & MotionPlus™

- 6 x OP051 Screw-In Feet
- 1 x OP052 Handset
- 1 x OP053 Power Transformer
- 1 x OP054 Mains Power Cable
- 1 x OP055 Mattress Retention Bar
- 2 x OP056 Deck Securing Pins/Clips
- 2 x OP057 9V Batteries
- 2 x OP058 AAA Batteries



#### MotionLuxe™

- 4 x OP051 Screw-In Feet
- 1 x OP052 Handset
- 1 x OP053 Power Transformer
- 1 x OP054 Mains Power Cable
- 2 x OP055 Mattress Retention Bars
- 2 x OP057 9V Batteries
- 2 x OP058 AAA Batteries



#### Static

- 6 x OP051 Screw-In Feet
- 2 x OP056 Deck Securing Pins/Clips

## 5 | Insert deck securing pins

Secure the two halves of the folding deck by inserting the deck securing pins (OP056) through the adjoining holes. Secure the pins with the C clips.

N.B. The MotionLuxe™ base comes as a one-piece deck - this step is not required.



## 6 | Attach feet

Screw the feet (OP051) into the threaded screw holes in the base. For the Motion™ and MotionPlus™ there are six feet and for the MotionLuxe™ there are four feet.

N.B. At this stage the Static Assembly is complete and can be turned onto its feet.



## 7 | Add batteries to transformer

Insert the two 9V batteries (OP057) into the power transformer (OP053). This will ensure back-up power for your bed in the event of a power cut.





## 8 | Connect power transformer

Locate the base power inlet lead (marked with 'POWER' at the inlet of the control box). Connect this lead to the power transformer (OP053) by coupling the plug/socket and secure by clipping the cover latch. Then insert the mains power cable (OP054) into the power transformer.



## 9 | Turn base onto its feet

Using two people, turn the smart base over and onto its feet.



**CAUTION:**  
The base is heavy. Ensure you use two people to turn it over.



## 10 | Add mattress retention bar/s to the base

Add the mattress retention bar by inserting into the holes at the footend of the smart base.

N.B. The MotionLuxe™ base has an additional retention bar for the head end and the bars can be secured by securing clips.



## 11 | Add batteries to handset

Insert the two AAA batteries (OP058) into the handset (OP052). Check the handset is powered by pressing any button and watch out for the button back lighting illuminating.



## 12 | Connect the bed to mains power

Plug in the smart base to a mains power outlet and switch on.

## 13 | Pair the handset

When you switch on the mains power to the base, a light on the control box underneath the base will illuminate and flash blue. This indicates the bed is in pairing mode.

Hold the PAIR button down on the handset for 5-10 seconds until the control box light underneath the base changes to green.



If your smart base does not pair first time or becomes disconnected, there is a PAIR button on the control box. Press this to reactivate pairing mode and the control box light will illuminate blue to indicate the base is ready to pair.

## 14 | Test functions

Using the handset control, test the key functions on your smart base. Handset functions diagram can be found on page 17.



1. Raise and lower back rest (N.B. On MotionLuxe™ base the whole upper deck will glide back towards the wall/headboard).
2. Raise and lower leg rest.
3. Activate anti-snore mode (this will raise the backrest to a gentle incline).
4. Activate zero-gravity mode (this will partially raise the back and leg rests to simulate weightlessness).
5. Select centre 'flat' button (this returns your smart base to a flat position).

### **MotionPlus™ and MotionLuxe™ bases:**

6. Select the underbed light button and confirm illumination.
7. Place a mattress and lie on the base before testing massage functions.

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**Installation of your smart base is now complete!**

## Optional Bedstead Surround

If you purchased your smart base with a bedstead surround, please follow the following steps carefully to assemble the surround.

### 1 | Remove outer packaging

Unwrap the headboard, footboard, side skirts and feet.

You should have:

- 1 x** Headboard
- 1 x** Footboard
- 2 x** Side Skirts
- 4 x** Feet
- 1 x** Allen Key



### 2 | Prepare headboard

Lay the headboard on its side or back near to where the bed will be positioned in the room. Loosen the four threaded bolts (two at either side of the base of the headboard) but do not remove entirely. You can use the Allen key provided or finger loosen.



### 3 | Connect side skirts

Connect the side skirts to the headboard by hooking the brackets around the securing bolts. Secure the skirts by tightening the securing bolts with the Allen key. Repeat for both sides of the bed.



### 4 | Add footboard

Attach the footboard to the other end of the skirts by loosening the securing bolts and hooking the brackets over them in the same way as the headboard. Tighten the securing bolts.

Ahead of attaching the feet, you may find it easiest if you place the bedstead surround on its end or side.



## 5 | Attach feet

Attach the four feet to the underside four corners of the bedstead. There are two types of feet with differing fixing methods:



### Threaded Feet

These feet come with threaded metal bars in the top. Simply insert the threaded bar into the threaded holes in the four corners of the bedstead and screw in until tight. Repeat for each of the four corners.



### Screw Corner Feet

Position the corner feet into the corners of the bedstead inset by 10mm from the edge of the surround. Using 60-80mm countersunk screws and a screwdriver, fasten the feet to the bedstead surround. Each foot has 2-4 pre-drilled screw holes.

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## 6 | Position bedstead surround

The bedstead is now complete. Rest the surround on its feet and position it where you want the finished bed to be located.



## 7 | Prepare smart base

To complete the installation, you need to place the smart base into the surround. It is easiest if you first raise the back and leg rest of the base so you can easily access the frame underneath for lifting and positioning within the surround.



## 8 | Insert smart base into surround

Unplug the smart base and drop into the surround, feeding the mains power cable out of the back of the bed underneath the headboard. Restore power to the bed and lower the base to a flat position.



**Installation of your bed is now complete!**

# 3 Smart Base Operation

## 3.1 Overview

Motion™ / MotionPlus™



MotionLuxe™



- 1. Electrically adjustable back rest
- 2. Electrically adjustable leg rest
- 3. Electrically adjustable neck tilt

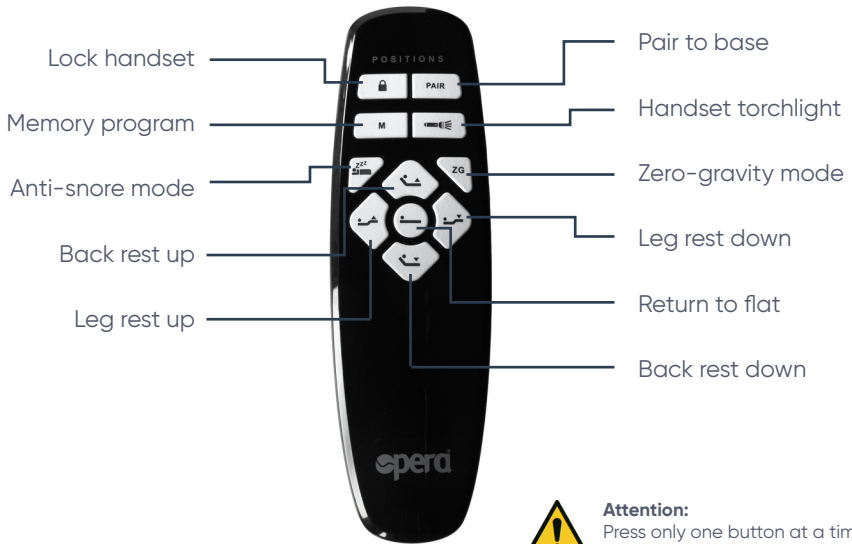
- 4. Mattress retention bar
- 5. Screw-in legs
- 6. Wireless handset pouch



## 3.2 Handset Functions

The smart base motorised functions can be operated via the handset.

### All Smart Bases



**Attention:**  
Press only one button at a time, as the system could overload and become damaged.

### MotionPlus™



### MotionLuxe™



## 3.3 Program Functions



### Lock

Locks and unlocks handset control. Press and hold lock button until lock button flashes red. To unlock, press and hold for 5 seconds.



### Memory

Adjust head and/or foot section(s) to desired positions. Press and hold MEMORY button until the back-light on handset flashes. Release button and wait for flash to stop. Button has now been programmed. Repeat process if new preset position is desired.

## 3.4 Reprogramming Functions for Sync

When syncing two bases together, the ANTI-SNORE, ZERO GRAVITY and MEMORY functions may need to be reprogrammed to ensure both bases are fully synchronised. This is how each function is reprogrammed:

### Anti-Snore

After connecting the sync cable into both bases, press the FLAT button on the handset. Press the HEAD UP button until the 2 bases are at an 8 degree angle. Push and hold the ANTI-SNORE button until the handset back lights blink.

### Zero Gravity

Press the FLAT button on the handset. Press the HEAD UP button until the 2 bases reach the 17 degree angle. Next, push FOOT UP button until the foot section of both bases reach the 25 degree angle. Next, press and hold the ZERO GRAVITY button until the handset back lights blink .

### Memory

Press the FLAT button on the handset. Using the HEAD UP and FOOT UP, adjust the base to a comfortable position. Next, press and hold MEMORY button until the handset back lights blink.

## 4 Troubleshooting

In the event the base fails to operate, investigate the causes and possible solutions provided below:

### **Handset control illuminates and appears to be operable, but no features of the base will activate.**

- Unplug power cord, wait 30 seconds and plug in to reset electronic components.
- Defective surge protection device or electrical outlet. Test outlet by plugging in another working appliance.
- Electrical circuit breaker may be tripped. Check electrical service breaker box to verify.
- Re-pair the handset control (see Pairing Handset section of this manual for programming procedures).
- Replace batteries in the handset control & re-pair handset control.

### **No features of the base will activate.**

- Unplug power cord, wait 30 seconds and plug in to reset electronic components.
- Defective surge protection device or electrical outlet. Test outlet by plugging in another working appliance.
- Electrical circuit breaker may be tripped. Check electrical circuit breaker box to verify.

### **Head section will elevate, but will not return to the horizontal (flat) position.**

- Base mechanism may be obstructed. Elevate base and check for obstruction. Remove obstruction.
- Headboard may be too close to the edge of the mattress. Verify that distance between headboard brackets and mattress is sufficient. Adjust if required.

### **Head or foot lift function has minor interference during operation.**

- Check batteries in handset, replace if necessary.
- Make sure that you are following the duty cycle of the motor (do not operate more than one (1) minute over a nine (9) minute period, or approximately a 12% duty cycle).
- Press the lift buttons squarely and accurately.
- Control box may be experiencing common Radio Frequency Interference from other radio transmitting devices (see Pairing Handset section).

### **Reset handset to original factory settings.**

To reset the factory ANTI-SNORE, ZERO GRAVITY, MEMORY settings, hold down the FLAT and ZERO-GRAVITY buttons until the back light blinks.

### **Bases are not properly synced to one another.**

Refer to the REPROGRAMMING FUNCTIONS FOR SYNC section; page 18.

### **Emergency lowering of the base.**

If you cannot find the handset control, locate, press and hold the PAIR button located on the main control box on the bottom of the bed (shown to the left).

# 5 Safety Instructions



During the briefing, specific attention must be drawn to any potential dangers for the first time, the Instruction Manual must be read conscientiously and in detail by the user.

Any incidents or issues must be reported to Opera at, [support@operabeds.com](mailto:support@operabeds.com)

The Radio frequency for this product is 2.4GHz. This product complies with part 15 of the Federal Communication Commission rules, which is harmonized with the Electromagnetic Compatibility Regulations 2016 for the UK & EU. Operation is subject to the following two conditions:

1. The device may not cause interference;
2. The device must accept any interference received, including interference that may cause undesired operation of the device.



Any changes to the antenna or the device may result in the device exceeding the RF (Radio Frequency) exposure requirements, this may cause interference to other products. Altering the device will void the warranty terms and conditions.



Do not expose the electrical components to moisture, this may result in fire or electrical shock.



Always unplug the bed from the electrical outlet before conducting any cleaning, maintenance or moving to prevent electric shock and fire.



Keep the cable away from heated surfaces, or sources of heat, such as radiators to prevent damage to the cables. Damaged cables may cause electric shock and fire.



Discontinue use of the bed or contact Opera for repair if the following occurs:

1. A cable or plug is damaged.
2. The bed is not functioning as intended.
3. The bed has been dropped, or damaged.



Using a damaged bed may result in injury.



For optimal safety, your bed should be plugged into a surge protector (not supplied).



Danger of explosion if batteries are not replaced correctly. Replace only with 6L461 9V batteries and LR03 AAA batteries. Using the wrong batteries may result in explosion, damage to the bed and injury.



When replacing batteries follow the correct way of replacing them, this is printed on the battery compartments. Reversed batteries may result in damaging the product.



Do not use different types of batteries when replacing the batteries (e.g. Alkaline, rechargeable and carbon-zinc, old batteries) this may result in damaging the product.



If the bed is not going to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.



Do not recharge the battery or batteries that are not intended to be recharged, this may result in the battery rupturing, damaging the bed and causing injury. Always follow the battery manufacturers guidance on how to safely use batteries.



Do not disassemble, crush, puncture or otherwise damage the batteries. This can result in leakage or rupture.

Always dispose of used batteries appropriately, contact your local council or local waste recycling facility for further information on safe disposal and recycling.

Do not open or tamper with the control box, motors or hand controls (with the exception of replacing batteries). The bed is designed so that little maintenance is required. If the control box or motors are opened this may void the warranty terms and conditions.



Do not alter components, wiring or modify the bed, this may result in damage to the products and injury to persons. This will void the warranty terms and conditions.



The bed is only designed to be used in the domestic environment, at home. The bed is not designed nor intended to be used in a hospital setting. Using this bed in hospital or a care home may result in injury to users.



Do not use with tent type oxygen therapy equipment or near explosive gases, this may result in explosion and injury.



The vibrating features of beds may be interpreted falsely by some pacemakers as movement and/or exercise. This is common with products that produce a vibrating motion. This may or may not interfere with pacemakers. Always consult your physician before use.

The motors of the bed are not designed to operate continuously for more than one minute over an eight minute time period (or 12% duty cycle). Do not exceed these limits, otherwise safe continuous use can not be guaranteed. Attempting to circumvent or exceed these limits will shorten the life expectancy of the product. Exceeding the limits of the bed may result in voiding the warranty terms and conditions.



Do not exceed the maximum user weights. If two 75cm or 90cm beds are used to create a King size or Super King bed, the maximum user weight of the bed must be equally distributed over both beds. The structure of the bed will support the maximum user weights when distributed evenly across the bed(s). Exceeding weights may damage the bed, result in injury and void the warranty terms and conditions.



The head and foot sections are not designed to individually support or lift the full users weight, sitting on these sections may damage the bed and result in injury.



Sitting on moving sections may result in damage to the bed and injury.



Exit the bed in the flat position, non-compliance may result in damage to the bed and injury.



Always dispose of packaging, packaging poses a risk of smothering and asphyxiation to children and pets.



Do not allow children to use the bed, this may result in serious injury, entrapment and/or crushing.



Do not allow pets or children to play under or with the bed, this may result in serious injury, entrapment and/or crushing.



The motors are permanently lubricated and sealed do not open the motors or apply lubricant. Do not apply lubricant to motor lead screws or nylon nuts, this may cause the bed base to inadvertently move downwards from an elevated position, this may cause a risk of injury.

Do not place adjustable bed base vertically on its head or foot sections. This may cause injury to persons or damage the bed.



Vibe motors are not designed for continuous, extended vibe motor operation. Vibe motor systems are rated for a maximum of two hours of use within any six hour period.

To reduce the risk of burns, fire, electric shock, or injury to persons following the below:



- Unplug the outlet before putting on, moving or taking off accessories.
- Close supervision is necessary when this base is used by, or near children, disabled persons, or pets.
- Use this base only for its intended use, described in this instruction manual.
- Do not modify the bed or use attachments not recommended by Opera.
- Never operate the bed base if any cables, wires or plugs are damaged and not working properly.
- Never operate the bed if it has been dropped, damaged or dropped in water.
- Keep the power cable away from sources of heat (e.g. radiators, fires).
- Do not drop or insert objects into openings of the bed.
- Do not store things under the bed.
- Do not use outdoors.
- Do not operate where aerosol (spray) products, or oxygen is being administered.
- Do not use near medical devices.
- Do not use in hospital environments.



## 6 General Information

Opera® Smart Bases are intended to be used as a bed for sleeping, laying and resting on. The bed is intended to only be used in the domestic environment, it is not designed to be used for the hospital environments. The beds may only be used under the conditions described in this instruction manual, non-intended uses or using the bed for a use not outlined in this instruction manual, may void the warranty terms and conditions.



The beds should not be used over their maximum user weights below:

- Small Single: 160kg
- Single: 180kg
- Small Double: 220kg
- King: 160kg each side
- Super King: 180kg each side

If two 75cm or 90cm beds are used to create a King size and/or Super King bed, the maximum user weight of the bed must be equally distributed over both beds. The structure of the bed will support the maximum user weights when distributed evenly across the bed(s).



Exceeding weights may damage the bed, result in injury and void the warranty terms and conditions.

# 7 Technical Specifications

## Static / Motion™ / MotionPlus™ / MotionLuxe™

	Small Single	Single	Small Double
Maximum User Weight	160kg	180kg	220kg
Length	2000mm	2000mm	2000mm
Width	750mm	900mm	1200mm
Height	300mm	300mm	300mm

**Note:** Two Small Single (75cm) or Single (90cm) bases can be positioned side-by-side to create a dual King or Super King base. Technical specifications above should be applied to each base individually and not as a complete dual bed.

# 8 Warranty Terms and Conditions

## 8.1 Warranty Terms

**8.1.1** Subject to the terms and conditions set out below, Opera agrees to repair or replace the product within the United Kingdom at its own cost, and any Opera accessory supplied with it, purchased by you from Opera. In circumstances where the product does not perform in accordance with Opera's specifications during the warranty period of 5 years, commencing on the date of delivery (or deemed delivery) of the product.

**8.1.2** This contractual product warranty does not operate to limit rights under the statutory warranties referred to in clause 8.3.1 below.

## 8.1 Warranty Conditions

**8.2.1** Proof of purchase (invoice) must be provided when requesting service under warranty.

**8.2.2** Opera requires any customer requesting service under the warranty to comply with directions from Opera staff in relation to troubleshooting any issue and facilitating any repair or replacement under these Warranty Terms and Conditions.

**8.2.3** The customer is responsible for inspecting all goods received from Opera upon arrival. In instances where goods have been damaged in transit, the customer must report this to Opera within 3 working days of receipt of the product. Failure to report physical damage on arrival within 3 working days of receipt may result in denial of warranty for physical damage.

**8.2.4** Opera reserves the right to replace the product or relevant part with the same or equivalent product or part, rather than repair it. Where a replacement is provided, Opera will determine, in its discretion, the closest product within the current range of products offered by Opera with which to replace the faulty or damaged product. The replacement product may differ with the replaced product in size and specifications, at the reasonable election of Opera. Opera may replace parts with refurbished parts. Replacement

of the product or a part under the warranty does not extend or restart the warranty period.

**8.2.5** If Opera is unable to repair or replace the product, the customer will be provided with credit for Opera products or may be refunded the price of the product (at Operas election). This credit or refund will be for the amount of the purchase price of the product, excluding the associated delivery cost.

**8.2.6** In the event that a replacement, refund, or store credit is provided as per section 8.2.5, the faulty item will become the property of Opera.

**8.2.7** Opera may seek reimbursement of any costs incurred by you where the product is found to be in good working order.

**8.2.8** Opera reserves reasonable discretion to determine whether any product is or is not performing in accordance with Opera specifications, subject to applicable law.

## 8.3 General

**8.3.1** Legislation may imply warranties, conditions or imposes obligations on Opera, which cannot be excluded, restricted or modified in relation to consumer goods.

**8.3.2** To the full extent permitted by law, but subject always to clause 8.3.1, the warranty will not apply in respect of a product:

(a) If the product has not been installed, operated, maintained or used in accordance with the Opera instructions or specifications provided with the product;

(b) If the factory-applied serial number has been altered or removed from the product;

(c) To damage, malfunction or failure resulting from alterations, accident, misuse, abuse, fire, liquid spillage, mis-adjustment of customer controls, use on an incorrect voltage, power surges and dips, thunderstorm activity, force majeure, voltage supply problems, tampering or unauthorised repairs by any persons, use of defective or incompatible accessories, exposure to abnormally corrosive conditions or entry by an insect, vermin or foreign object in the product.

(d) To damage arising during transportation, installation or while moving the product or to any transportation costs of the product or any parts thereof to and from the customer, unless otherwise specified in these warranty terms and conditions;

(e) To any third-party software or hardware not contained in the product as originally configured by Opera.

(f) To any failure, to the extent that the failure is not a failure of the product to perform in accordance with its specifications.

(g) To service of any product whilst it is outside the United Kingdom.

**8.3.3** To the full extent permitted by law, but subject always to clause 8.3.1:

(a) Opera will not be liable for any loss, damage or alterations to third party products, no matter how occurring; or for any loss or damage arising from loss of use, loss of profits or revenue, or for any resulting indirect or consequential loss of damage.

(b) Opera's aggregate liability in respect of all claims under the warranty shall not exceed the original purchase price of the product or, at Opera's option, the replacement of the product with a like or similar product.

(c) Opera excludes all other warranties, conditions, terms, representations and undertakings whether express or implied.

# Notes

# Notes



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