



Kingkraft

# Instructions for use Multibath



**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USE**

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## GENERAL DESCRIPTION

The Multibath is designed to be used in Hospitals, Nursing and Residential homes and domestic properties.

This bath is used to assist the carers in the bathing of a person who generally has some reduction in mobility by raising and lowering the bath to a convenient height.

The user should never be left in the bath unattended.

The Multibath can be supplied with a lightweight removable or fold down changing top.



### **WARNING!**

**PROVISION MUST BE MADE TO BE ABLE TO REMOVE THE USER FROM THE BATH SAFELY IN CASE OF EMERGENCY OR POWER FAILURE. THIS MUST BE FEASIBLE WHEN THE BATH IS IN ANY OF ITS RAISED POSITIONS. (I.E A MOBILE HOIST IN CASE THE CEILING TRACK HOIST FAILS)**

The Multibath is supplied with a TMV3 rated bath fill as standard.

This user manual should be read thoroughly before use and we would recommend putting laminated user and safety instructions on the wall adjacent to the bath for other carers/users. Please ask Kingkraft if you would like some copies.

Only accessories manufactured by Kingkraft are intended for use in the Multibath. If other accessories manufactured by others are used we recommend a risk assessment is undertaken as to their safe use.

# IMPORTANT SAFETY INSTRUCTIONS



## WARNING!

**ANY PERSON WHO IS INCAPABLE OF FULLY HELPING THEMSELVES  
MUST NEVER BE LEFT ALONE IN THE BATH-EVEN FOR A SHORT WHILE**

This manual contains information on the standard Multibath. Special designed baths by Kingkraft may differ from herein. Please contact Kingkraft if you have any queries on how to use your product.

- Do not stand in the bath at any time
- Kingkraft products are intended for domestic and commercial use only
- Kingkraft baths are intended for bathing people only
- Do not exceed the maximum weight load 133kg (21st)
- Only one person should be in the bath at one time
- Only Kingkraft manufactured accessories have been tested by Kingkraft for safe use with this bath under normal conditions of use.
- The bath is fitted with a handset, this should not be submerged in the water, if it happens to fall in, quickly wipe it dry and see advice if unsure

*Note that UK regulations state, in general, no person should lift a mass greater than 25kg unaided. Use appropriate lifting equipment if this is required to help disabled people to get in and out of the bath.*

## RISK OF SCALDING

Although safety devices are fitted to minimise any risk of scalding, users must be aware that these are not fail safe. The temperature of the unit must be independently verified on each occasion it is used-this should be tested ideally with a calibrated thermometer.

Refer to Kingkraft if the water is too hot or too cold and do not use the bath until the problem has been corrected.

## Cushions & supports

Our cushions are manufactured using PVC and foam filler or polystyrene beads. There is a risk of floating, please ensure they are secured before use.

- Ensure that the bath bottom and mattresses/suckers are clean
- Place cushions/supports securely onto base / side of bath
- Run a small amount of water into the bath
- Press the mattress firmly onto the bottom of the bath

When removing for cleaning take care that each suckers is prised carefully away from the bottom of the bath to avoid a tearing action.

## Installation

Your Kingkraft product should be installed by a competent installer. If for any reason you need to move your bath or re-install. Installation guides are available from Kingkraft.

Units with electrical services must only be wired in accordance with the IEE Wiring Regulations, especially as regards zoning and equipotential bonding. Kingkraft products are intended for operation only in a bathroom type location where exposed mains connections and unsealed switches etc. are not permitted.



## WARNING!

**The unit must not be connected via a plug and socket**

Separate instructions regarding installation and connections is available from Kingkraft, please contact us if you need a copy of this.

# Operating instructions

This bath is mains powered and has a short life battery backup system in the event of a power failure. This is for one time emergencies only.

Press to RAISE bath ———— ● ———— ● ———— Press to LOWER bath



## To raise the bath:

Firstly check the raising the bath will not cause damage to persons or surrounding objects. If all clear, press the up button on the handset.

## To lower the bath:

Firstly check the raising the bath will not cause damage to persons or surrounding objects. If all clear, press the down button on the handset. If the unit fails to operate, check the power supply is turned onto the bath.

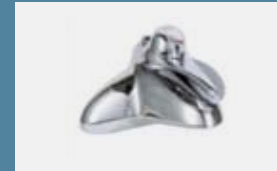
# The Bathing Process

The water should be turned on as described below and allowed to flow into the bath with the pop-up wastes open. At first allow the water to flow away. This process should be continued until the water temperature is perceived to be constant. This operation will allow the mixed water temperature to increase to the required level and permit the carer and/or user to check that the maximum temperature is safe prior to use. If the temperature is not comfortable then there may be a fault and Kingkraft should be contacted immediately. Close the waste plug and continue filling.

# Tap options



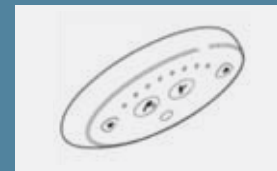
Reliance TMV3 Mixer tap bath fill



RADA Autotherm TMV3 Mixer tap bath/shower fill



RADA Sense bath TMV3-bath fill only



RADA Sense Bath/shower TMV3-bath/shower fill



CAT 3 Shower Option



CAT 5 Shower Option

## To fill the bath

### **If the bath has been supplied with a Reliance Caremix H3 Thermostatic Mixer Tap -**

Turn the mixer tap lever to start the flow of water, and leave in the desired temperature open position until the bath is full to the level required. To stop the flow turn the lever in the anticlockwise direction until the water stops.

### **If the bath has been supplied with a Rada Authomerm-3 Thermostatic Mixer Tap -**

Turn the main flow lever to the right hand side of the unit, which will begin the water flow from the tap spout. To stop the flow, turn the lever to the middle position, above the spout. The temperature can be adjusted by using the temperature control knob on the top of the mixer tap.

### **If the bath has been supplied with a Rada Sense Digital Adjustable Mixer Valve System -**

The control panel can be mounted on the bath tub, a bracket or wall mounted near to the bath.

Move your hand in front of the 'bath fill' symbol / sensor to start the flow of water. The temperature of the water can be increased by holding / waving a hand in front of the red 'hot' sensor on the right of the control panel. The temperature of the water can also be reduced by holding / waving a hand in front of the blue 'cold' sensor on the left of the control panel. Lights will indicate where between the minimum and maximum temperature the water temperature is currently set. To stop the bath filling, hold / wave a hand in front of the 'bath fill' symbol.

The above bath fill options are set by Kingkraft commissioning engineers (if this has been specified) to a maximum temperature of 44 degrees when the bath valve control is fully turned/set at its maximum. Always allow time for the mixed water to run through the systems.

With some boiler systems there can be some temperature fluctuation when the tap is first turned on, let this stabilise before continuing to fill the bath up or use the shower.

**Remember:** *the temperature of the water must be checked on every occasion before a person is placed in the bath or the shower used.*



### **WARNING!**

## To use the optional shower unit

### **If the bath has been supplied with a Rada Authomerm-3 Thermostatic Mixer Tap -**

Turn the main flow lever to the left hand side of the unit, which will begin the shower flow. The lever automatically reduces the maximum hot water temperature by 2-5 degrees dependent on water pressures from the bath fill maximum temperature. The temperature can be adjusted by using the temperature control knob on the top of the mixer tap.

### **If the bath has been supplied with a Rada Sense Digital Adjustable Mixer Valve System -**

The control panel can be mounted on the bath tub, a bracket or wall mounted near to the bath.

Move your hand in front of the 'shower' symbol / sensor to start the flow of water. The temperature of the water can be increased by holding / waving a hand in front of the red 'hot' sensor on the right of the control panel. The temperature of the water can also be reduced by holding / waving a hand in front of the blue 'cold' sensor on the left of the control panel. Lights will indicate where between the minimum and maximum temperature the water temperature is currently set. To stop the shower, hold / wave a hand in front of the 'shower' symbol.

The above shower options are set by Kingkraft commissioning engineers (if this service has been specified) to a maximum temperature of 39 degrees when the shower valve control is fully turned/set at its maximum.

# Whirlpool, lights & music

(if fitted)

It is vital for safety and comfort that the operating, cleaning and disinfection procedures contained in these instructions are followed. Some people with heart and other medical conditions may be at increased risk when using the whirlpool. lights and music, please seek medical advice before using if unsure. The whirlpool requires frequent cleaning.

Please note if the bath is installed in a 'multi-user' environment, cleaning instructions will have to be followed to keep the system regularly cleaned and tested. To avoid cross contamination between users. The system needs cleaning after each use to reduce the risk of cross contamination between users.

## To fill the bath:

Fit the plug into the waste fitting or operate the pop-up waste mechanism. Turn open the bath filling tap and fill the bath until the water level is at least 25mm (1") above all the outlet jets in the side of the bath.

## To start the whirlpool pump:

Press down the on/off control button

To increase the pressure of the whirlpool in the bath, turn the control button on the bath either clockwise to decrease or anti-clockwise to increase.



## Adjusting the eye ball jets:

Can be adjusted by placing a finger in the jet hole and turning it to the desired position

## Switch off:

Press the on/off button

## Whirlpool pump protection

Should the whirlpool system be accidentally operated at any time with insufficient water, the dry run protection unit will automatically switch the pump off. The whirlpool system can only then be started when there is sufficient water in the bath. The whirlpool will automatically shut off after 20 minutes. You may restart if required. Always have regard to the users medical condition and state of health when using the whirlpool.

Note: Normal bubble baths will froth excessively with whirlpools and can pose a major **safety risk** to the user and potentially cause damage to surrounding fittings. It is essential that a low foaming bubble bath mixture is used.

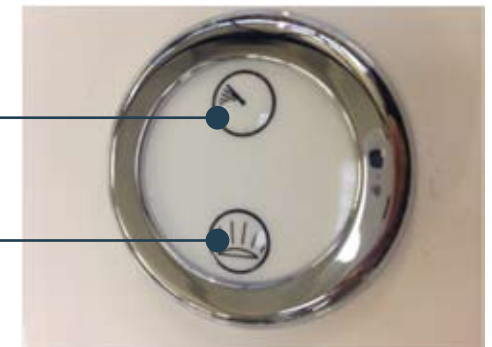
Please refer to cleaning instructions on how to keep your whirlpool clean.

## Lights

Your bath may also be fitted with lights to help create a sensory experience whilst bathing. Below are instructions on how to use. There may be risk to some users with the lights, please check with medical experts before using if unsure.

Change sequence of lights

Press to turn on and off



## Music System

Your music is connected via Bluetooth via your Smart Phone, Tablet or a device that has Bluetooth connections, you will find the control below mounted on your bath twisting the button adjust the volume whilst bathing.



### **WARNING!**

**Keep all electronics away from water**

#### **To turn on:**

On your music source, turn on Bluetooth and adjust the volume to mid range.

Ensure your electric supply to your bath is turned on, the control knob will flash blue (as shown in picture) as it searches for your device. Use your device to search for 'bath sound®' and pair with it. You will have 90 seconds to do this before your 'bath sound®' goes to standby mode. When paired successfully the control knob light will stay on permanently.

#### **To turn off:**

At the end of listening to your music, un-pair the two devices or switch off your Bluetooth device.

## Changing tops

Your Multibath can be supplied with a removable changing top or a fold down top.



Removable Changing Top

Weight limit = 133kg

Your removable changing top if specified is supplied to fit your model of bath 1700 or 2000 long.

The top is fitted with four plastic legs that securely fit onto the top of the bath. Ensure that the top is securely in place before use.

The removable changing top is made of aluminum, therefore is lightweight, making it easy to remove when not in use.



Fold Down Top

Weight limit – 120kg

The fold down top is made from Mild Steel (coated) with a plastic covering with drain holes. The top is secured onto the side of the bath and sits securely onto the bath to fold away when not in use.

# Cleaning

Certain bath additives may damage the bath, if they contain bleach or other corrosives due to the product the bath is made from. Use only water, normal soaps and approved cleaning agents. Under no circumstances should bleach be used.

We recommend Chemgene which can be purchased from Kingkraft. Regular cleaning routines should be followed.

- Do not use pressurised jets
- Do not steam clean
- If a whirlpool is fitted, we recommend Bronte 6 month whirlpool cleaner which can be purchased through Kingkraft

Cleaning the whirlpool (if fitted)

Regular cleaning is recommended for the whirlpool.

- Remove all cushions and supports in the bath
- Rinse any debris from the bath
- Close drain by operating pop-up waste control
- Fill bath with water to a level of 25mm (1") above the whirlpool jets
- Put in the whirlpool cleaner to the guidelines stated on packaging
- Run whirlpool for 15 minutes
- Drain bath
- Fill bath with clean water to measurements as above
- Run whirlpool for 5 minutes
- Drain bath
- Chemgene is also recommend for general cleaning of the bath

# Maintenance

The Multibath requires annual servicing, please contact Kingkraft for further advice.

Fault finding. If your bath is not going up and down but making a 'beeping noise', firstly check that the power supply has not been turned off to the bath. If the power supply is turned on, try the below.

If the bath will not respond to the pressing of the raise or lower buttons on the handset switch, and you can hear a beeping sound coming from the bath, you will have to follow the initialisation sequence to re-set the bath.

Failure of the mains power to the bath, or running the bath off the back-up battery only could lead to the synchronisation of the lifting columns becoming compromised, causing the system to stop working until it is reset.

## Initialisation procedure

(only required following loss of synchronising as above)

- Press both up and down button at the same time for at least 5 seconds. This will activate the new manual mode. The buzzer will beep.
- After the 5 seconds the beep will change to a shorter / different kind of beep. Release the up and down button and then press the down button only (this has to be done within 5 seconds. If not the beep will stop and you have start all over again from point 1)
- During pressing the down buttons all columns will drive inwards. The beep will be continuous as long as the columns are driving inwards. Columns have to be driven all the way down after which the beep will stop. The system is then initialized and ready for use.

We recommend an annual service on all Kingkraft products. If any faults are found in the unit, contact Kingkraft immediately.

Below is a table to help you keep record of when Kingkraft have attended. However we will send a reminder letter when the service is due to the address on our records.



Date	Work carried out	Kingkraft engineer

Notes

# Bath markings

The following are examples markings possibly found on the Multibath bath:

This sticker will display your unique serial number for your bath; make sure you make a note of your serial number for future reference.



# Guarantee details

The Multibath and its accessories are guaranteed in the UK for a period of 12 months from the date of delivery against defects arising from faulty material, inferior workmanship or construction. The result of incorrect handling of the bath shall not be covered by any guarantee. In line with the company's policy of continual product improvements, we reserve the right to carry out improvements to the specification without notice.

WEEE (Waste Electrical and Electronic Equipment Regulations 2006)

The aim of this Directive is to minimise the impact of electrical and electronic equipment on the environment when products become waste. All electrical components on this product must be disposed of in accordance to the WEEE 2006 regulations, either through reuse, recovery, recycling or environmentally sound disposal.

If this Kingkraft product is at the end of its life or electrical parts are replaced during its life-cycle by people other than Kingkraft Engineers, please contact Kingkraft to discuss arrangements regarding the disposal of any of the electrical equipment.



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**WE PLAN + WE MANUFACTURE + WE INSTALL + WE MAINTAIN**

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