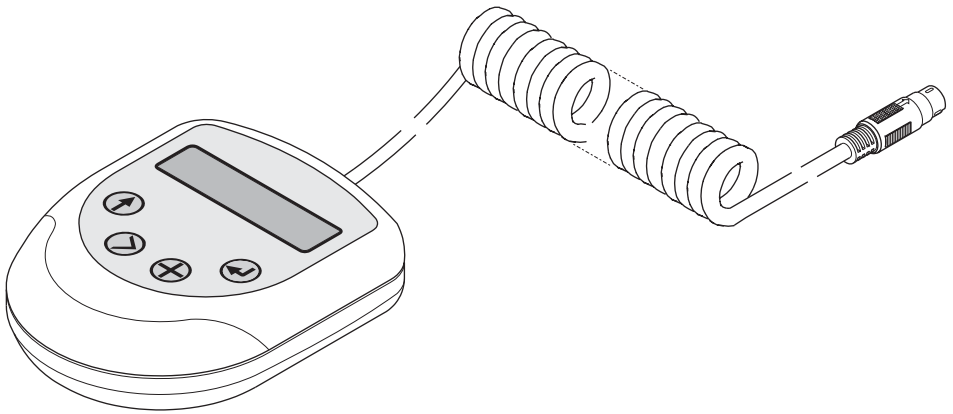


Pulse **rada**

HAND HELD PROGRAMMER



PRODUCT MANUAL

IMPORTANT

Installer: This manual is the property of the customer and must be retained with the product for maintenance and operational purposes.

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INTRODUCTION

The Rada Pulse range of electronic products combine together to produce a controlled washroom environment offering a high degree of energy and water conservation.

DESCRIPTION

The Rada Pulse Hand Held Programmer is a hand held unit which enables you to program the Rada Pulse Control Box. The programmer has an extendable lead which plugs into a socket in the top of the Control Box.

The programmer has a two line (alpha numeric) backlit display and push buttons which allow the user to navigate through the menu choices and set the configuration data. This will allow the user to set the parameters such as activation time, delay time and post flush waiting time etc. for each outlet.

The controller is multilingual and the user can select the appropriate language via the menu system.

SPECIFICATION

Rada Pulse Hand Held Controller

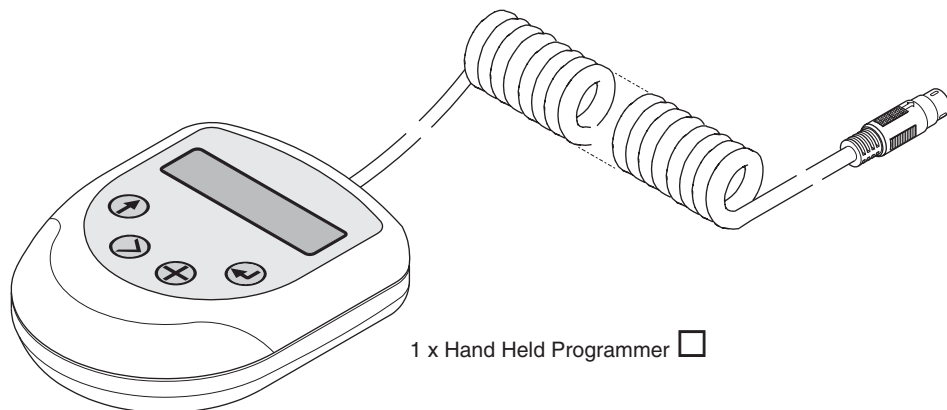
Material - ABS plastic.

Operating voltage - 12V D.C (power supplied from the Rada Pulse Control Box).

PACK CONTENTS

☒ Tick the appropriate boxes to familiarize yourself with the part names and to confirm that the parts are included.

1. Rada Pulse Hand Held Programmer



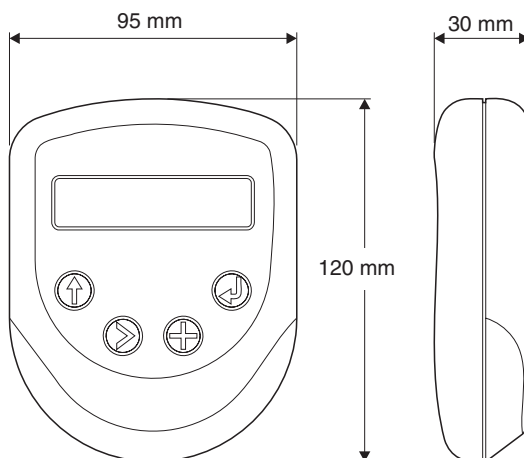
1 x Hand Held Programmer ☐

2. Documentation

1 x Product Manual



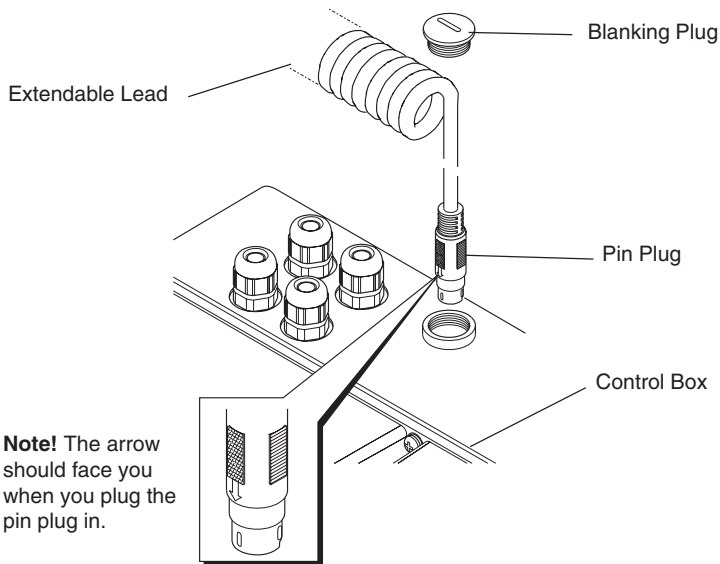
DIMENSIONS



INSTALLATION

Rada Pulse Hand Held Programmer

1. Remove the blanking plug from the top of the Rada Pulse Control Box.
2. Connect the pin plug on the extendable lead to the connection point (care must be taken not to force the pin plug into the socket).
3. From a suitable position, program the control box (refer to **OPERATION**).



Connection of the Hand Held Programmer to the Control Box

MAINTENANCE

Clean surface with damp cloth, or with mild detergents or soap solutions.

Warning! Many household and industrial cleaning products contain mild abrasives and chemical concentrates. These products should not be used on polished or chrome plated surfaces.

OPERATION

The control unit has a two line (alpha numeric) backlit display and four push buttons allow the user to navigate through the menu choices and set the configuration data.

The four control unit push buttons are as follows:

Two Line Alpha Numeric Display



Back

Pressing the back key at any time during the procedure will take you back to the previous menu.

Select

Pressing the select key will enable you to change your option, if more than one option is available.

Enter

Pressing the enter key will select the menu option and save the settings.

Increase

Pressing the increase key will increase the time period in increments of seconds, minutes or hours depending on the option selected.

With the hand held programmer plugged in to the control box you can set the following options.

1. **Language** - The hand held controller is multilingual and you have the option to set the following languages; Deutsch, Netherlands, Francais, Svenska, Novege, Espanol, Polski, Chechoslovakia and English.
2. **System Information** - By selecting system information you can get an overview of the system and find out what auxiliary functions are active or not active, what channels are active or not active and whether or not there are any errors in the system (e.g. valves or channels).
3. **Program a Channel** - Using this function you can program channels 1 to 10 to one of the following; W.C, washbasin *, shower, urinal or not in use. Other options available when you get into the programming sequence are; flush times, duty flushes, overrun times, flow times etc. All of the programming is explained in greater detail on the flow charts that follow.

Note! * For Bathfill applications use the washbasin function.

4. **Read a Channel and Write a Channel** - With this facility you can copy what you have programmed into one channel and write it to another channel.

For example; If you have programmed channel 1 as a shower and set all of the other options and you wish to copy all of this information to another channel, say channel 3, then this function is useful.

5. **Program an Auxiliary** - Using this function you can program the auxiliary functions of the control unit such as fan, light and disinfection.

WARNING!

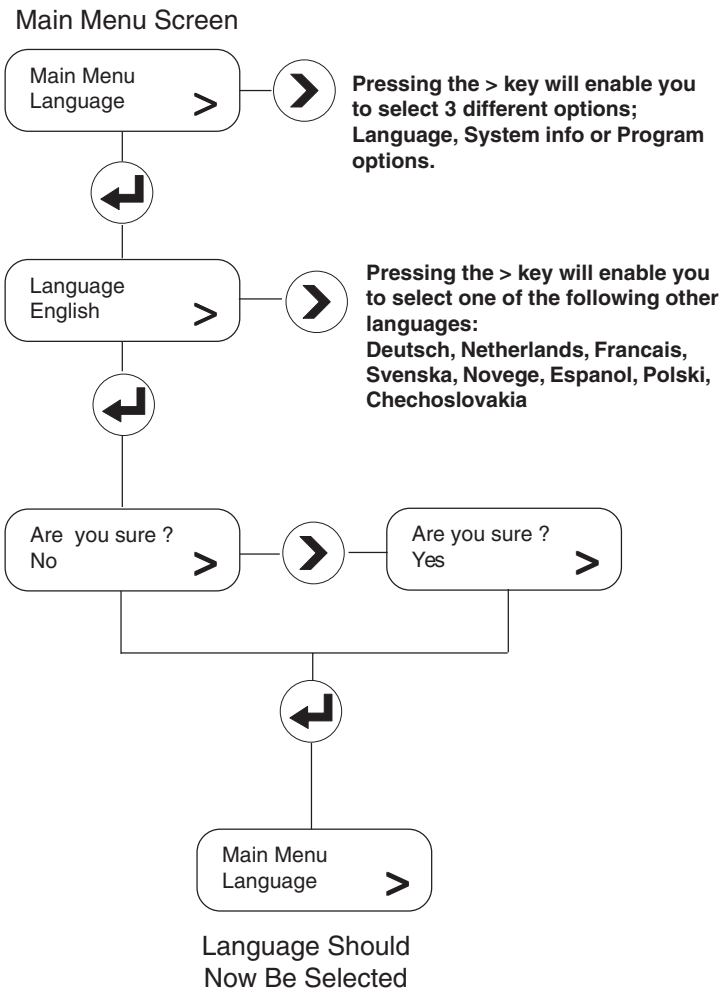
High water temperatures used during the disinfection process can be discharged from the shower heads or taps during this process. Suitable safety precautions MUST be taken to ensure that persons are not exposed to the risk of scolding.

6. **Read the Unit and Write the Unit** - With this facility you can copy what you have programmed into one control box and write it to another control box. This function is particularly useful where more than one control box is installed.

Note! If while operating the controller the display shows "communication error", this indicates a connection problem either on the control box connector, the pin plug or the hand held controller.

To Select Language

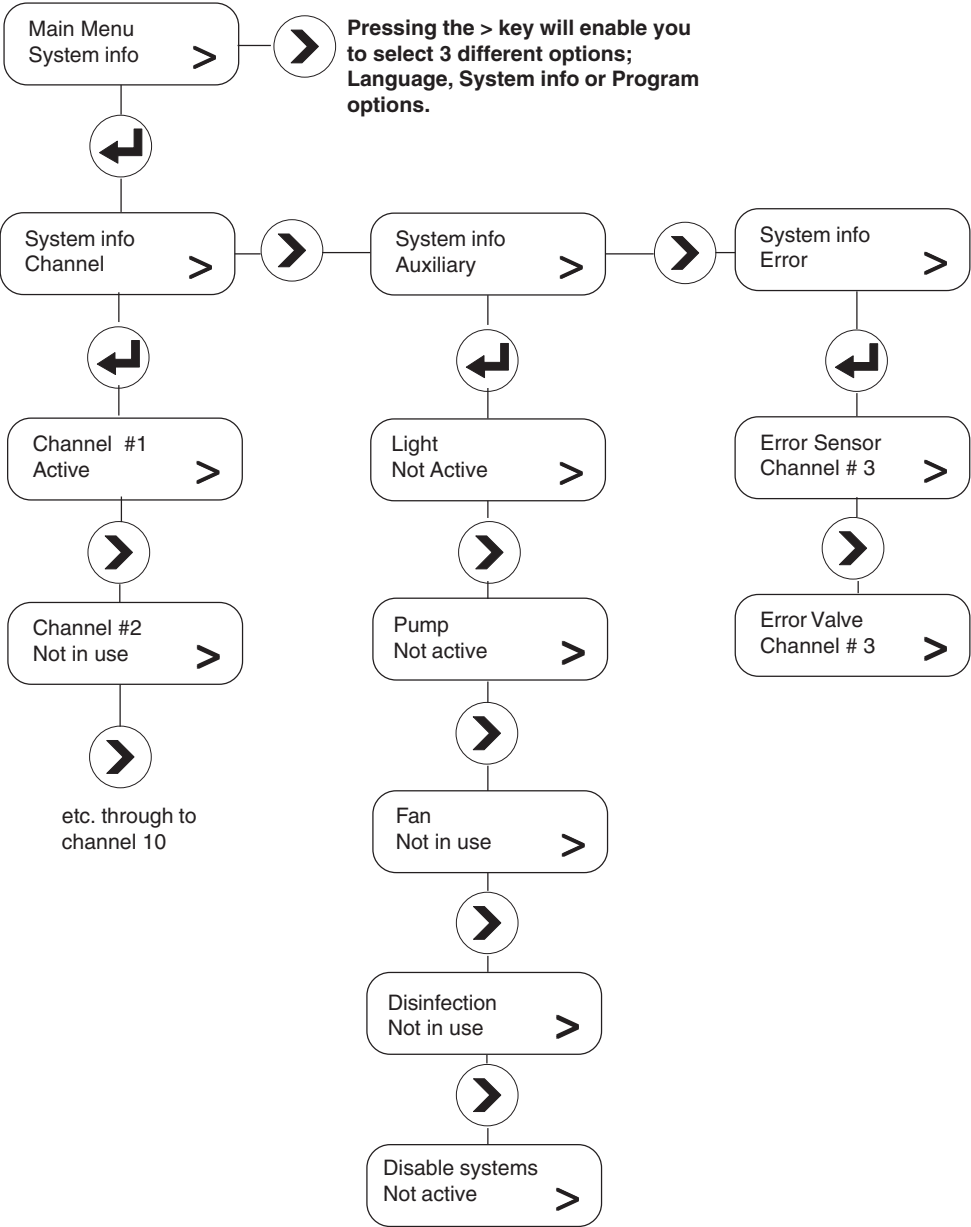
Note!  Pressing the back key at any time during the procedure will take you back to the previous menu.



To Select System Information

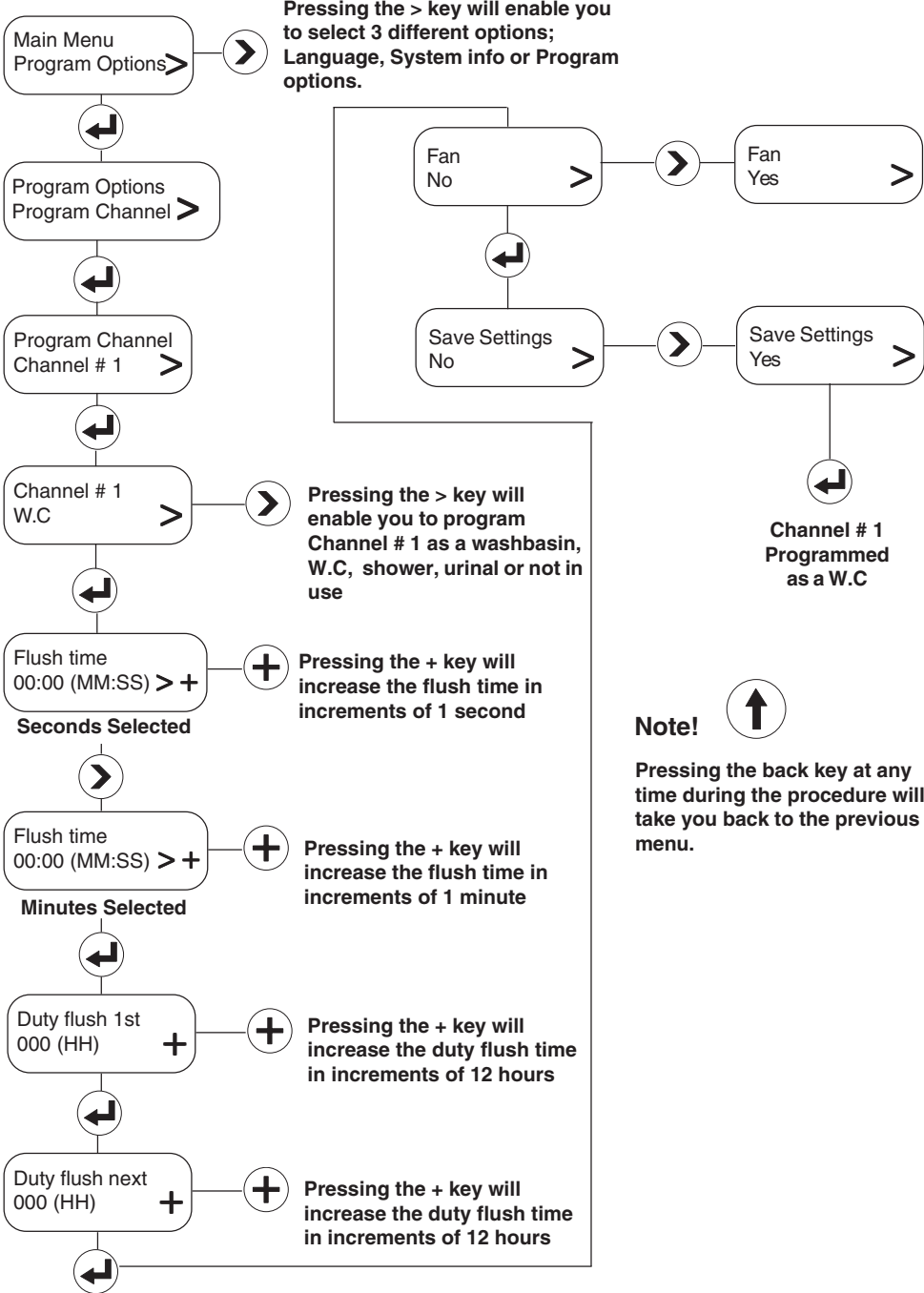
Note!  Pressing the back key at any time during the procedure will take you back to the previous menu.

Main Menu Screen



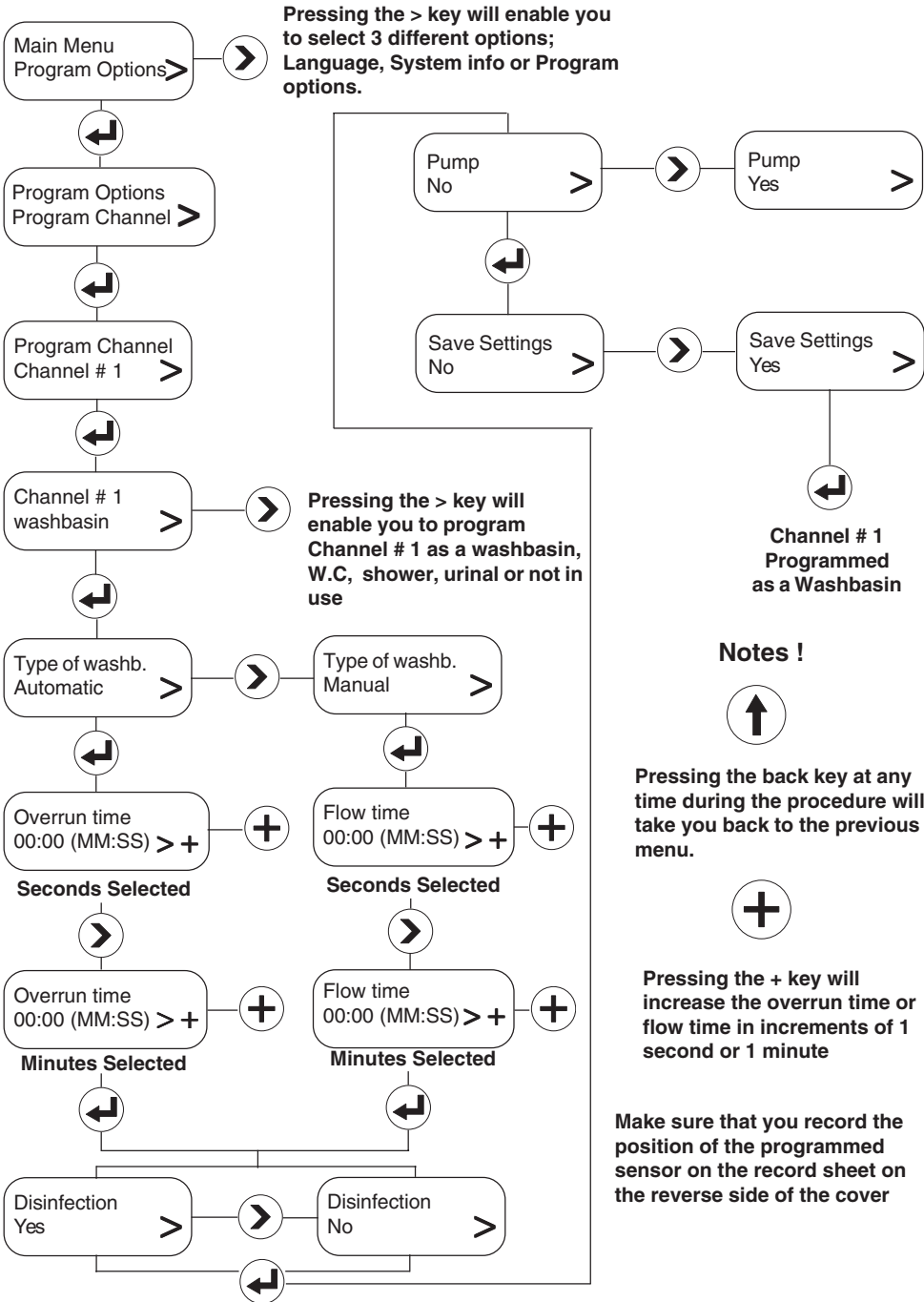
To Program a Channel for a W.C

Main Menu Screen



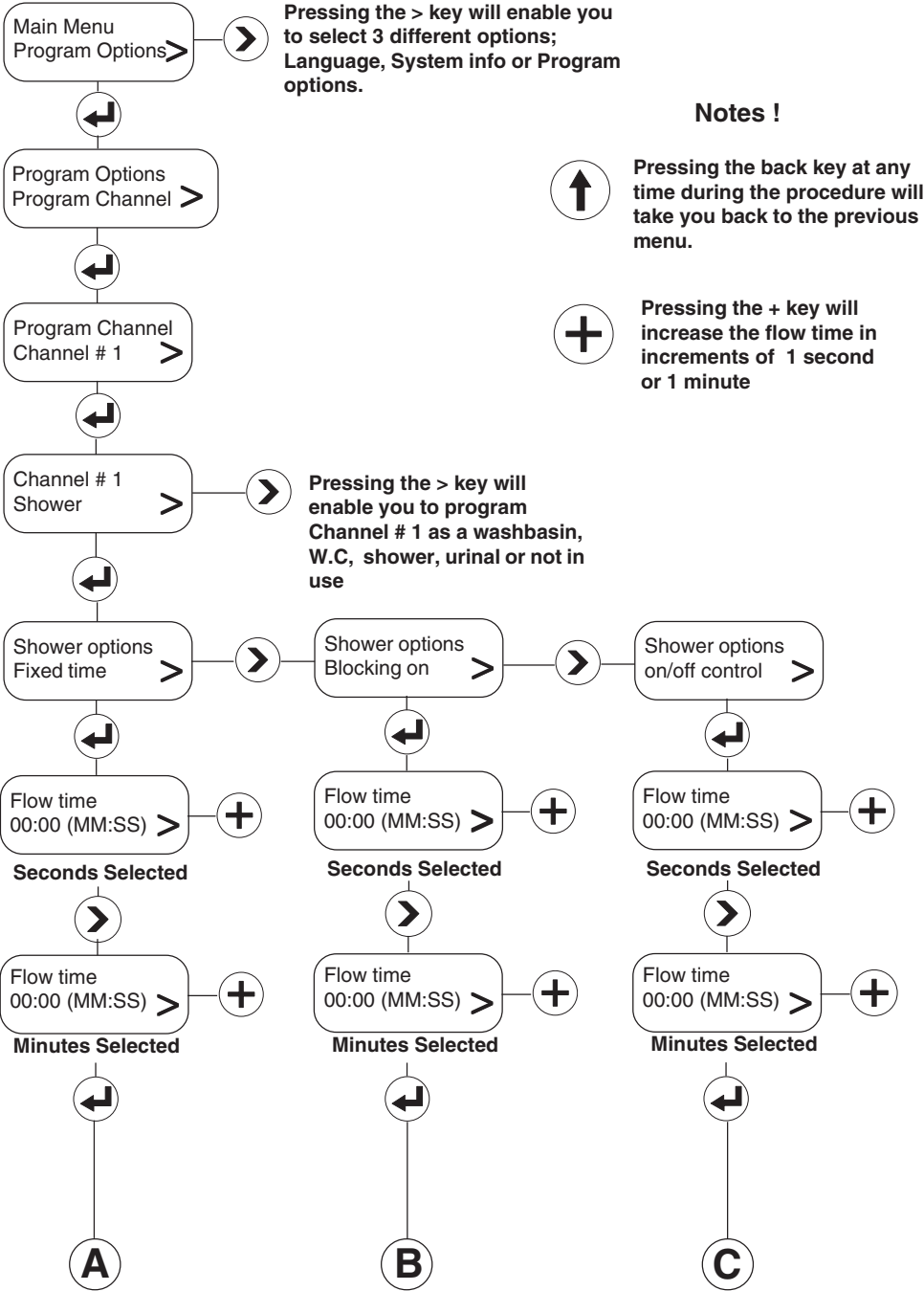
To Program a Channel for a Washbasin

Main Menu Screen



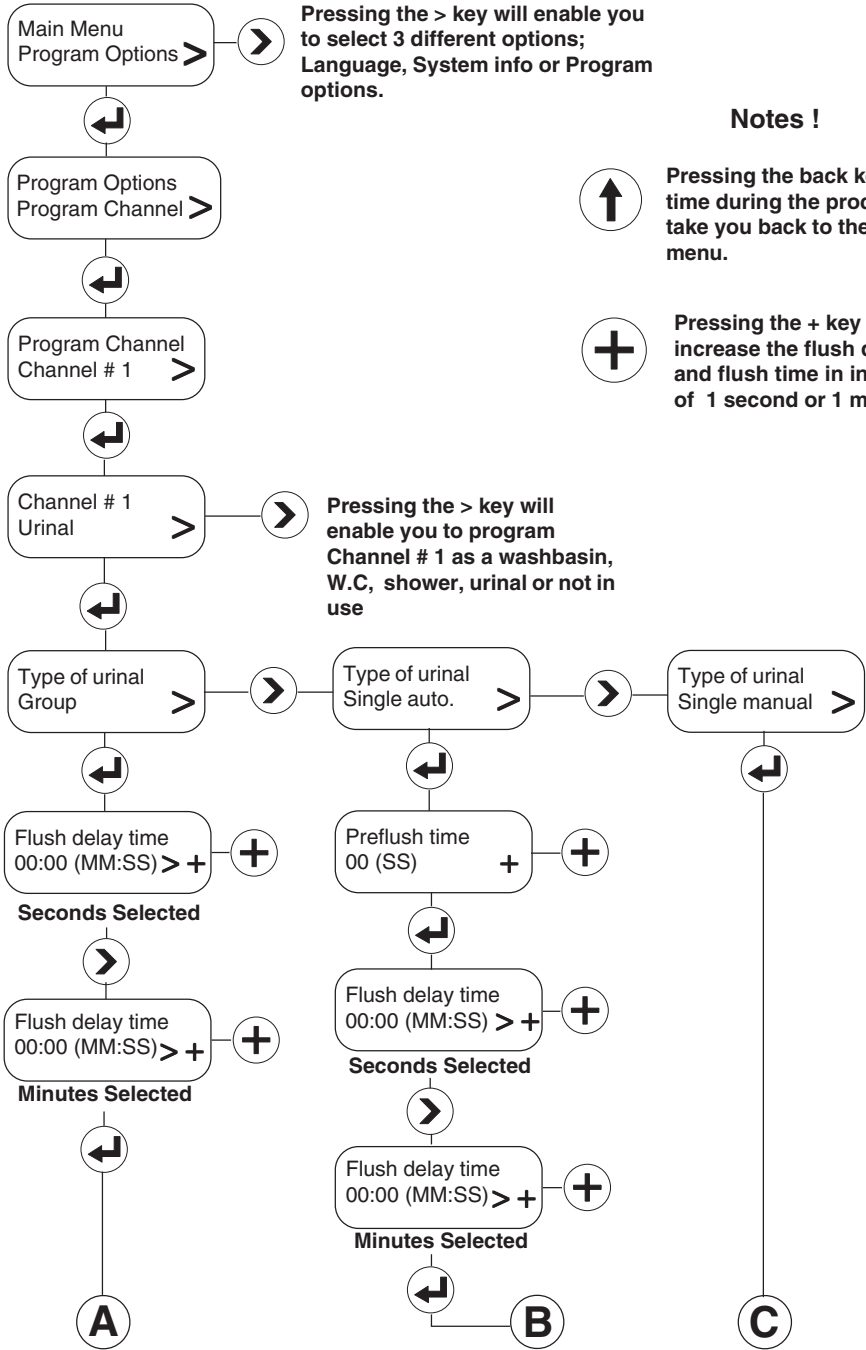
To Program a Channel for a Shower

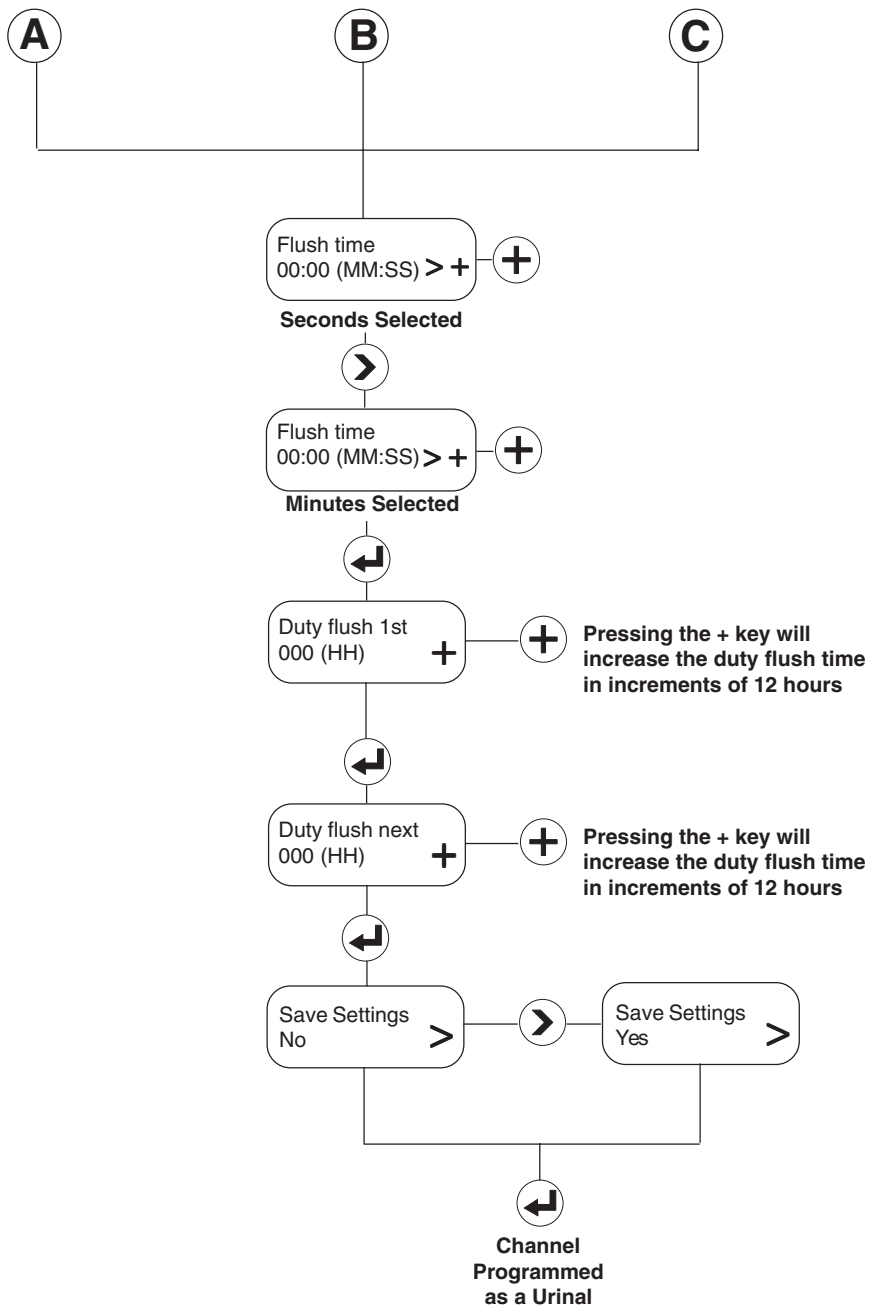
Main Menu Screen



To Program a Channel for a Urinal

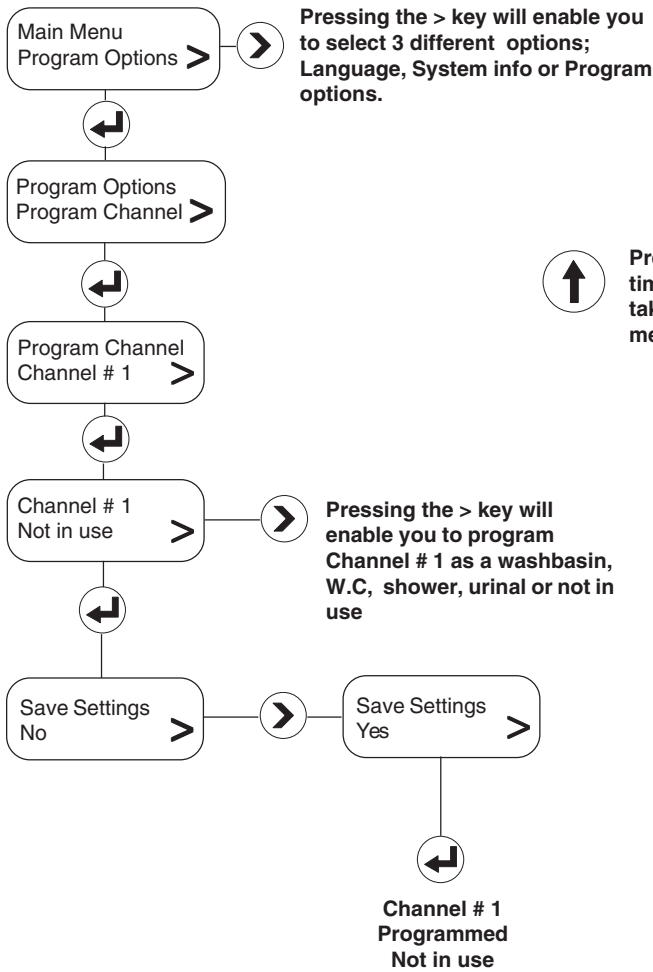
Main Menu Screen





To Program a Channel that is Not in Use

Main Menu Screen

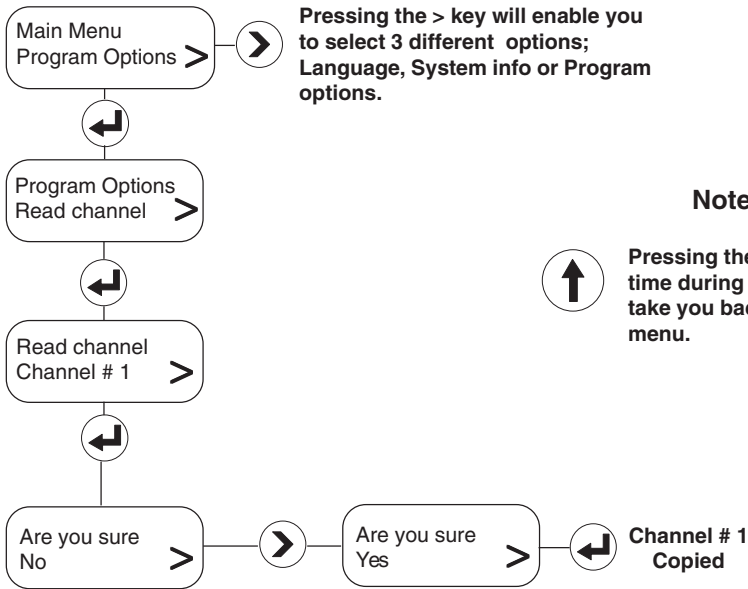


Notes !

 Pressing the back key at any time during the procedure will take you back to the previous menu.

To Read a Channel (Copy Program)

Main Menu Screen



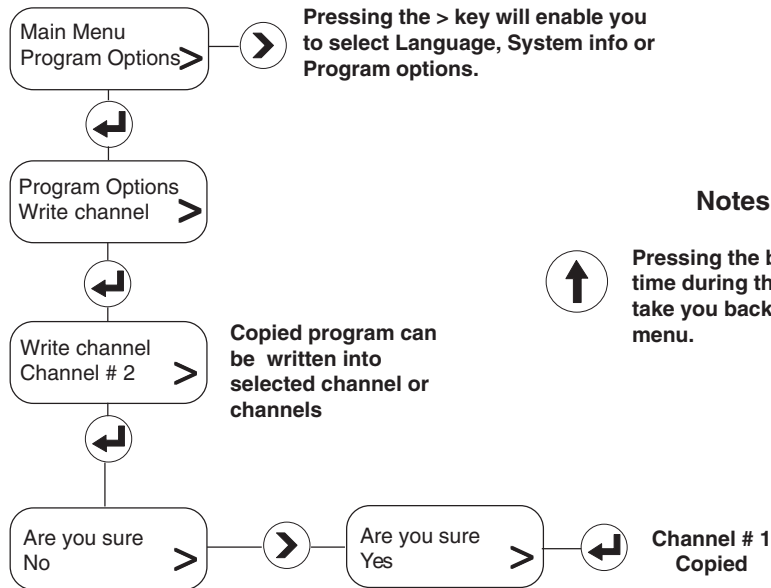
Notes !

Pressing the back key at any time during the procedure will take you back to the previous menu.

To transfer the read data (above) to other channels follow the write channel procedure (below)

To Write a Channel

Main Menu Screen

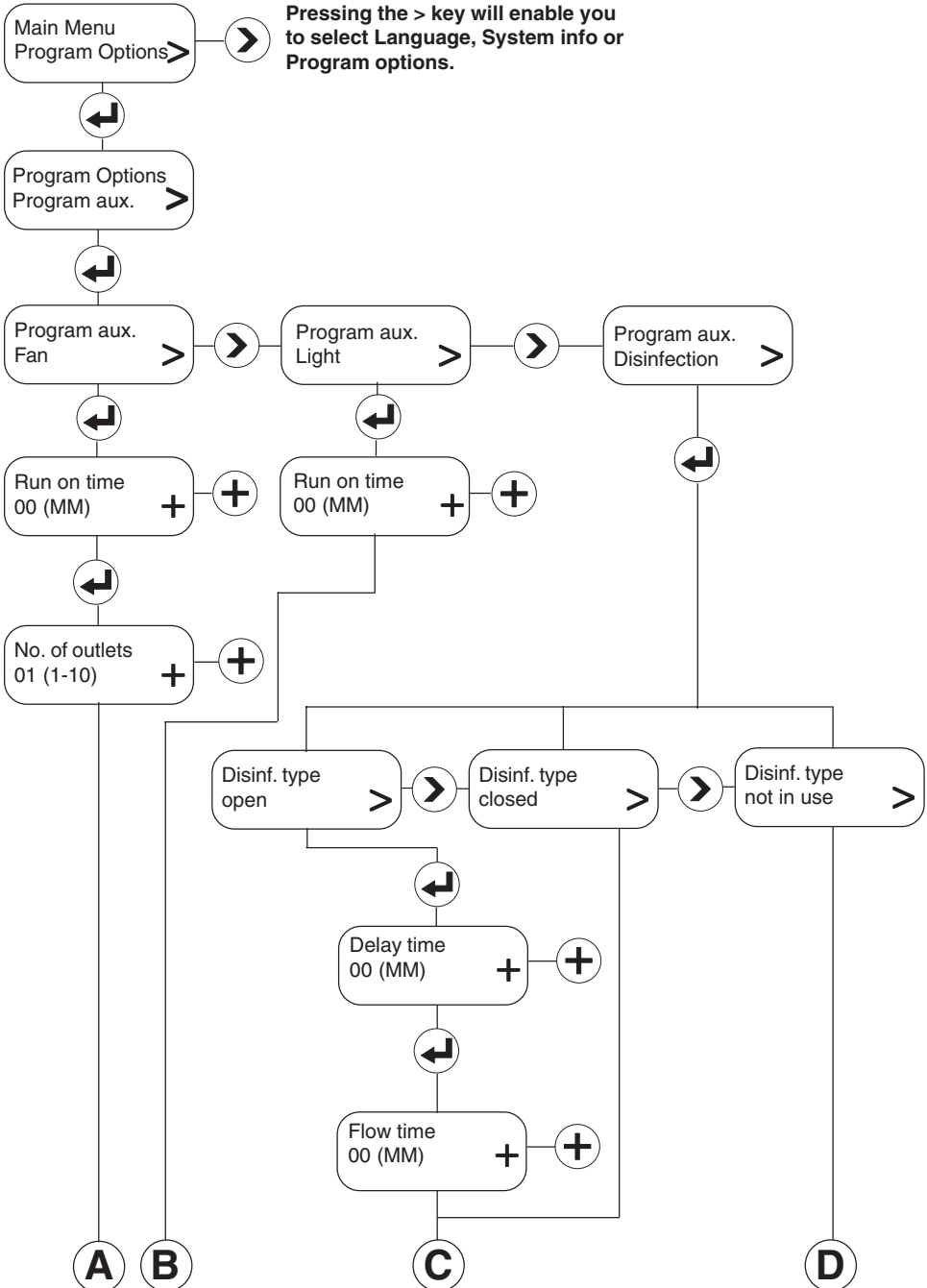


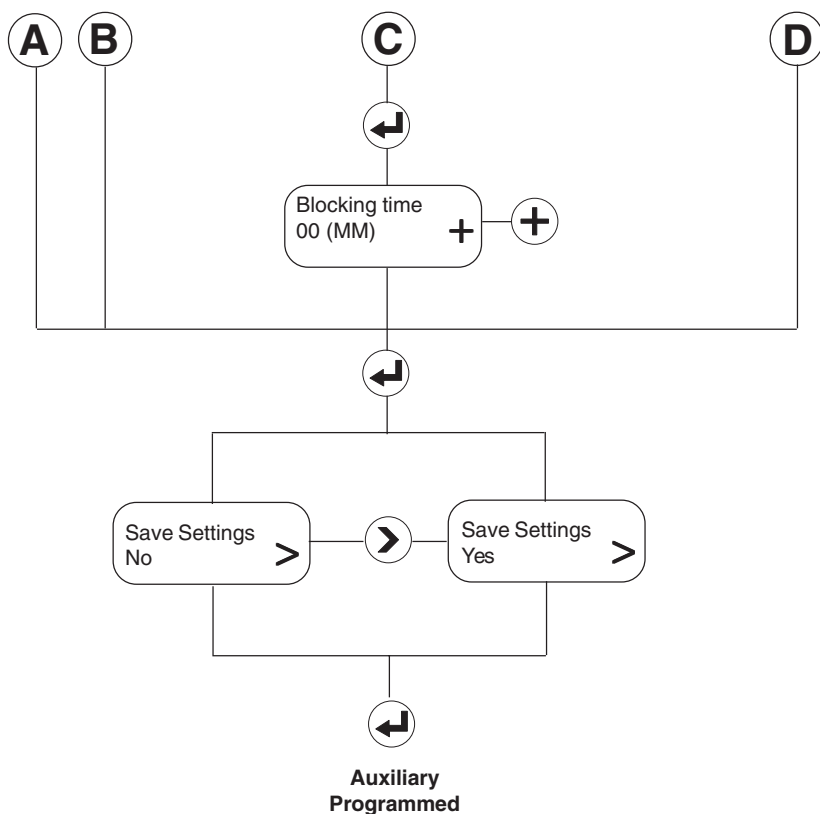
Notes !

Pressing the back key at any time during the procedure will take you back to the previous menu.

To Program an Auxiliary

Main Menu Screen





Pressing the + key will increase the run on time or delay time in increments of 1 minute



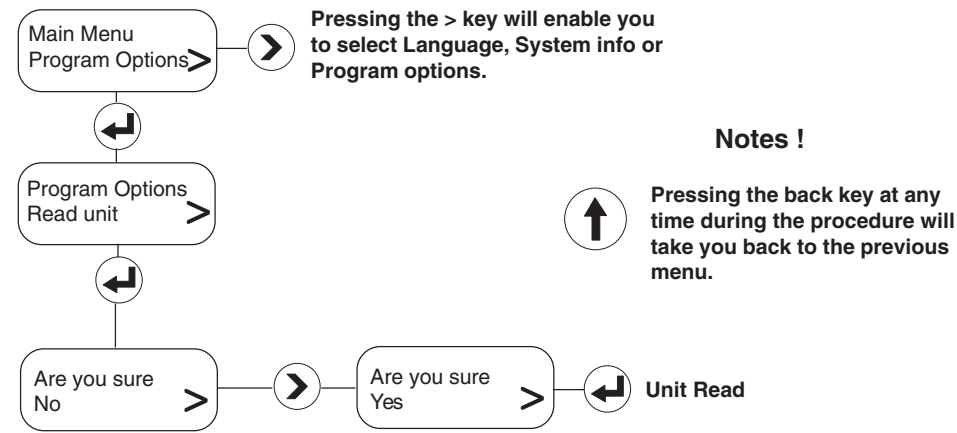
Pressing the back key at any time during the procedure will take you back to the previous menu.

WARNING!

High water temperatures used during the disinfection process can be discharged from the shower heads or taps during this process. Suitable safety precautions **MUST** be taken to ensure that persons are not exposed to the risk of scolding.

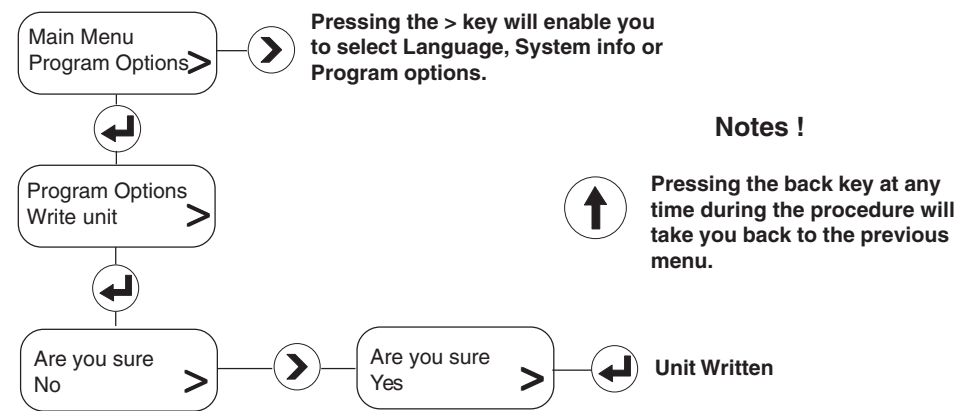
To Read the Unit

Main Menu Screen



To Write the Unit

Main Menu Screen



NOTES

NOTES

CONTACTS

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Koncept Limited

Letohradská 54,
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Fax: (00) 42 022 057 1697

Pamtec Oy

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Fax: (00) 33 149 020012

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Dreieich 63303, **GERMANY**
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THE NETHERLANDS
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A L Byrne & Son Ltd.

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Fax: (0064) 930 92720

Fluid Control Systems

ul. Dobrogniewa 1G,
01 - 438 Warszawa, **POLAND**
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Walker Crowweller (Pty) Ltd.

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Armstrong-Lynnwood Inc.

221 Armstrong Boulevard, Three Rivers,
Michigan 49093
USA
Tel: (001) 616 278 1413
Fax: (001) 616 279 3130

CUSTOMER CARE

Guarantee

This product is guaranteed against any defect of materials or workmanship for one year from the date of purchase, provided that the product has been installed correctly and used in accordance with the instructions supplied.

Any part found to be defective during the guarantee period will be replaced or repaired - at our option - without charge, provided that the product has been properly used and maintained.

Routine cleaning and maintenance should be carried out in accordance with the instructions supplied.

The product should not be modified or repaired except by a person authorised by Rada.

Your statutory rights are in no way affected by this guarantee.

After Sales Service - how we can help you

We have a network of fully trained staff ready to provide assistance, should you experience any difficulty operating your Rada equipment.

Spare Parts

All functional parts of Rada products are kept for up to ten years from the date of final manufacture.

If during that period, our stock of a particular part is exhausted we will, as an alternative, provide an equivalent new product or part at a price equating to the cost of repair to the old, bearing in mind the age of the product.

Customer Care Policy

If within a short time of installation the product does not function correctly, first check with the operation and maintenance advice provided in this Manual to see if the difficulty can be overcome.

Failing this, contact your installer to ensure that the product has been installed and commissioned in full accord with our detailed installation instructions.

If this does not resolve the difficulty, please ring your nearest Rada contact who will give every assistance and, if appropriate, arrange for the local Service Engineer or Agent to call on a mutually agreeable date.

Contact:

Rada Controls

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Kohler Mira Limited.

The company reserve the right to alter product
specifications without notice.



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