

INSTALLATION & USER GUIDE

CROSSWATER DIGITAL REMOTE

These instructions must be left with the user.

crosswater[™] 

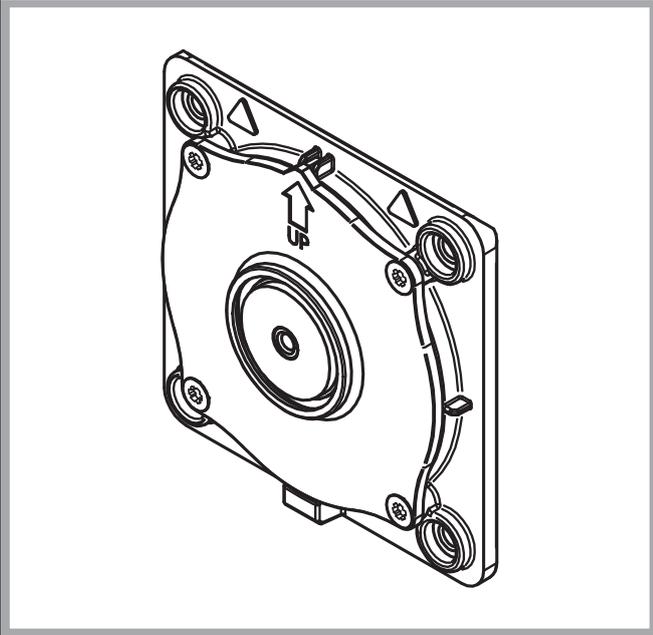
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INTRODUCTION

PRODUCTS COVERED BY THIS GUIDE

DGX_REMO - Remote module



This digital remote module is compatible with separately supplied Crosswater trim kits.

SAFETY INFORMATION

WARNING! PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

This Installation Guide contains instructions for the correct connection and operation of the remote module in conjunction with a compatible Crosswater digital shower system.

This product **MUST** be installed by a competent person in accordance with all current relevant statutes and regulations, including building regulations and the Water Supply (Water Fittings) Regulations 1999 (together the Water Supply Regulations).

All showers requiring an electrical connection **MUST** be installed by a qualified person following the latest revision of BS7671 (Wiring Regulations) and certified to current building regulations. Before any electrical connections are made, the electrical supply must be turned off at the main switch. All electrical installation must be carried out by a qualified person only.

There are no user or installer-serviceable parts contained within the remote module and disassembly will invalidate the warranty.

The digital remote module should only be connected to the digital mixer valve with the 10m data cable supplied.

The digital remote module must not be installed in situations where the ambient temperature is likely to fall below 5°C or rise above 40°C.

This product is not suitable for areas with high humidity (i.e steam rooms).

Having completed the installation, make sure that the user is familiar with the operation of the remote module in conjunction with the shower system.

These instructions include a user guide (see page 14) and must be left with the user after installation.

Cables mounted on surfaces must be protected by a suitable approved conduit. This applies even in a loft, where there may be a risk of damage by vermin.

Cables that are chased into walls must also be protected by a conduit or sheathing to allow removal for service and maintenance.

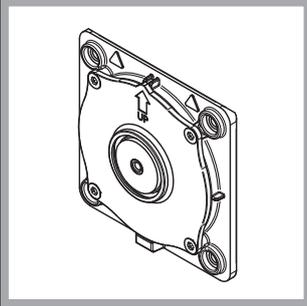
This product is not intended for use by children or persons with reduced physical or mental capabilities, and should not be used by such persons without appropriate instruction and supervision.

DO NOT LEAVE CHILDREN UNATTENDED WHILST THE PRODUCT IS IN OPERATION.

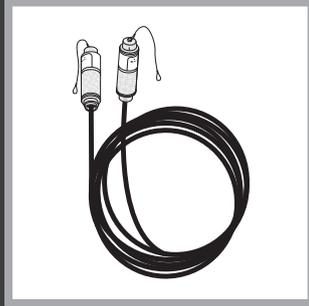
PACK CONTENTS

DGX_REMO

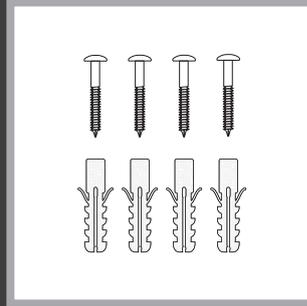
Digital remote pack contents:



1x REMOTE MODULE
ASSEMBLY



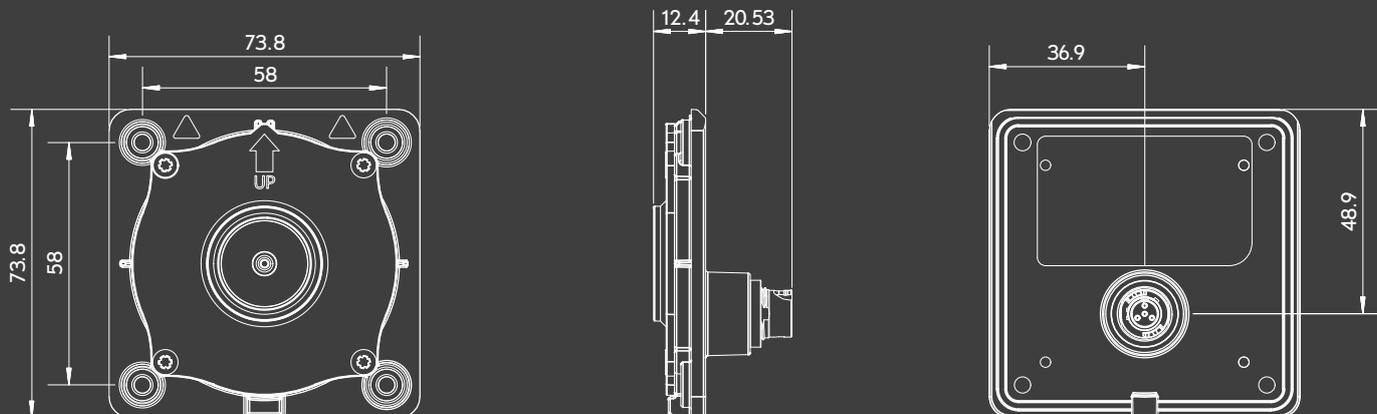
1x 10M DATA CABLE



1x CONTROLLER
SCREW PACK

DIMENSIONS

DGX_REMO REMOTE MODULE



INSTALLATION PREPARATION

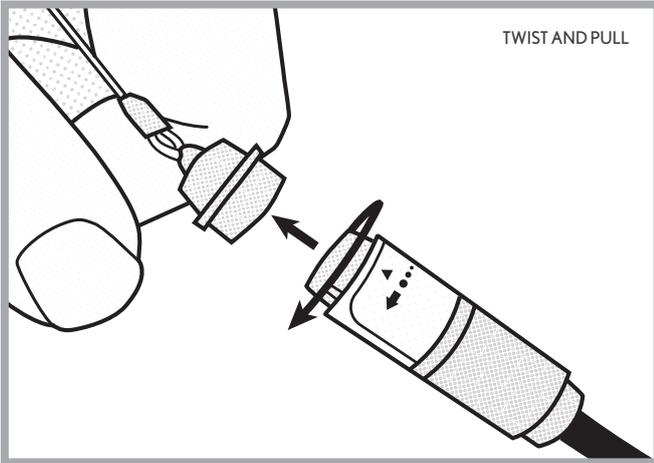
THE INSTALLATION MUST BE CARRIED OUT IN ACCORDANCE WITH THESE INSTRUCTIONS AND THE INSTRUCTIONS PROVIDED WITH THE DIGITAL VALVE AND CONTROLLER.

Warning! Turn off the electrical and water supplies before proceeding with the installation. The electricity must be turned off at the mains and the appropriate circuit fuse electrically isolated, if applicable.

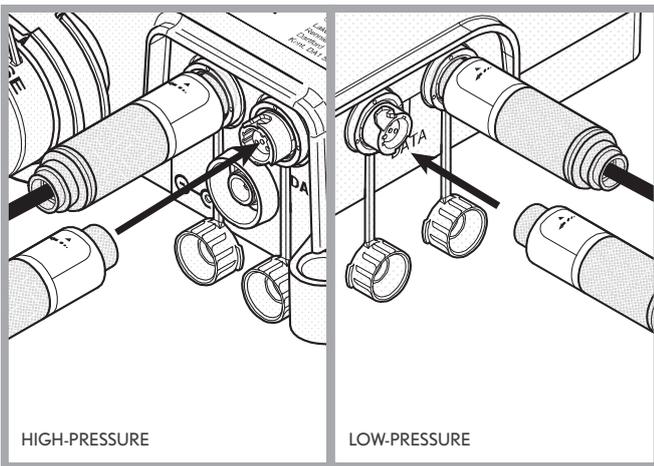
The remote module may be sited inside the showering area. Alternatively, the remote can be mounted outside the showering area up to 10m from the location of the digital valve, taking the intended cable routing into consideration.

Warning! There are no user-serviceable components inside the remote module.

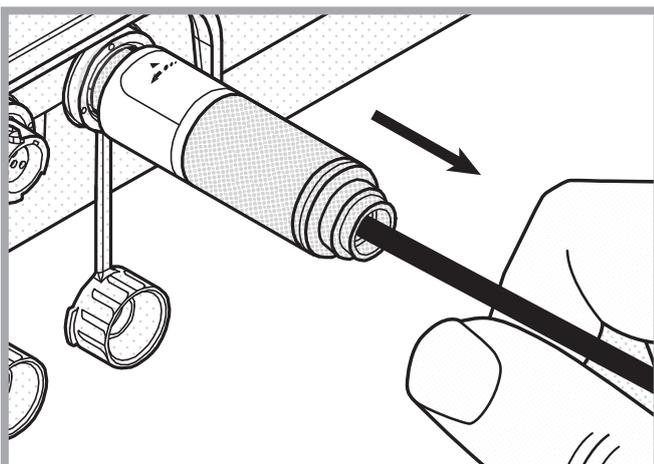
DIGITAL REMOTE MODULE INSTALLATION



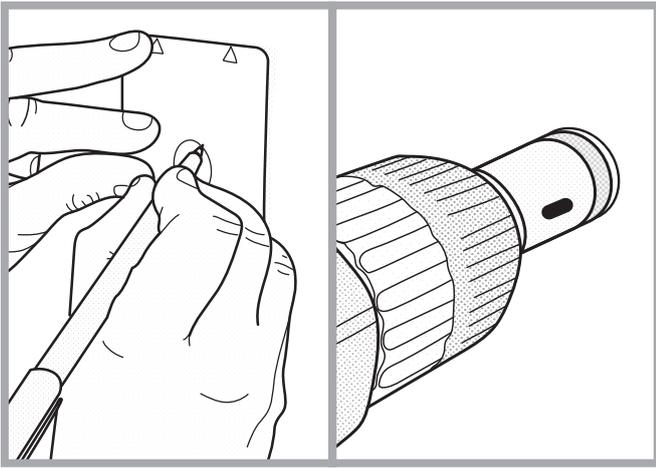
Remove protective cap from data cable.



Insert the 10m data cable provided into an available data port on the digital valve as shown. Refer to the digital valve and controller instructions for further details.

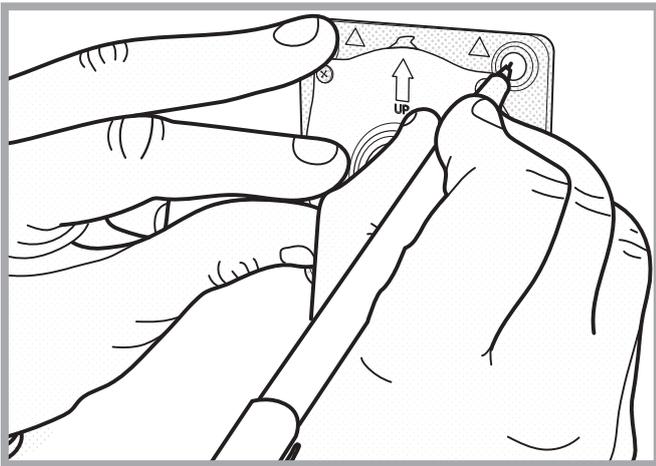


Ensure the data cable is securely inserted and cannot be pulled out of the data port without twisting the release collar on the data cable connector.

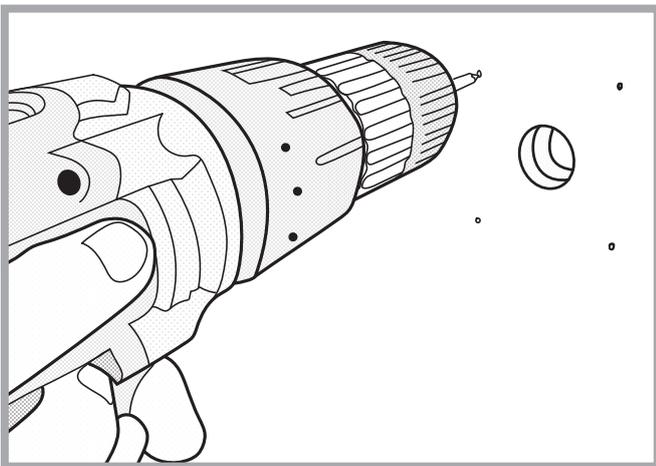


Carefully remove the remote fitting template from the back page of this installation guide. Using the template, carefully mark out the fixing hole and data connection hole positions.

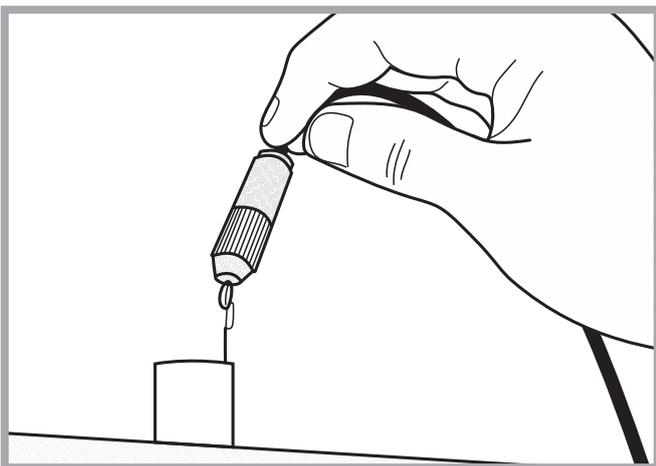
Carefully drill 1 off 25mm hole for the data connection using an appropriate drill bit for the chosen surface.



Use a spirit level on the edge of the controller to mark out 4 screw holes.

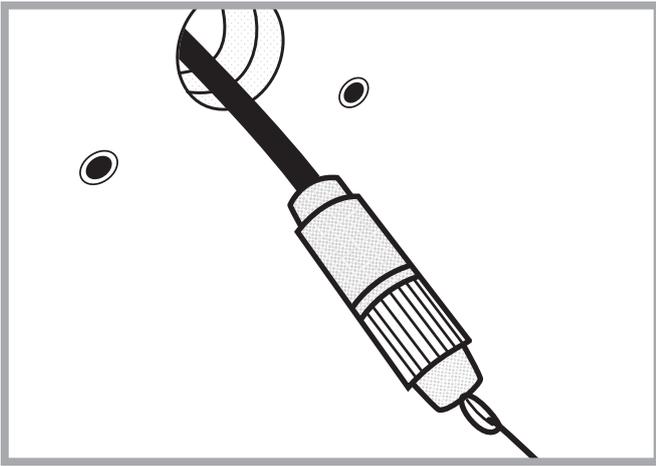


Using an appropriate tile drill bit, carefully drill 4 off holes and insert the 4 off controller screw plugs provided.

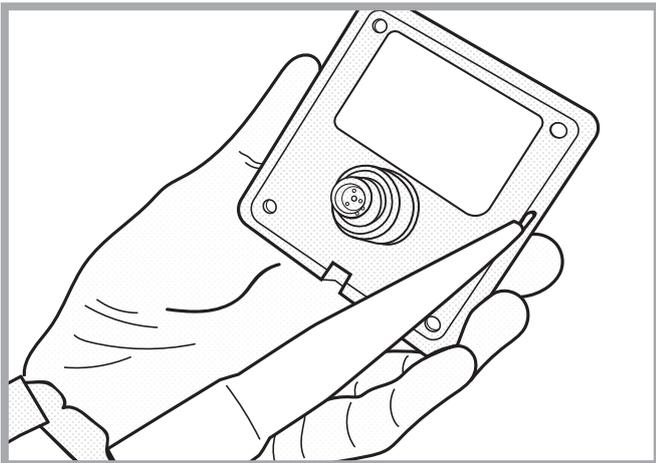


Warning! To avoid the risk of damage, leave the protective cap on the end of the data cable until the controller is ready to be fitted.

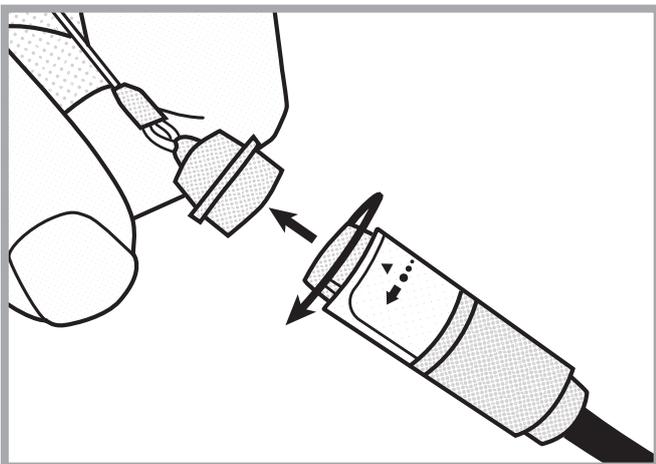
Leaving the protective cap in place, route the loose end of the 10m data cable from the digital valve to the location of the digital remote module and feed the connector through the 25mm hole. For ease of servicing, the data cable must be fed through a length of suitable size conduit. If required to aid routing, feed a piece of string through the conduit and tie to the loop attached to the protective cap on the loose end of the data cable.



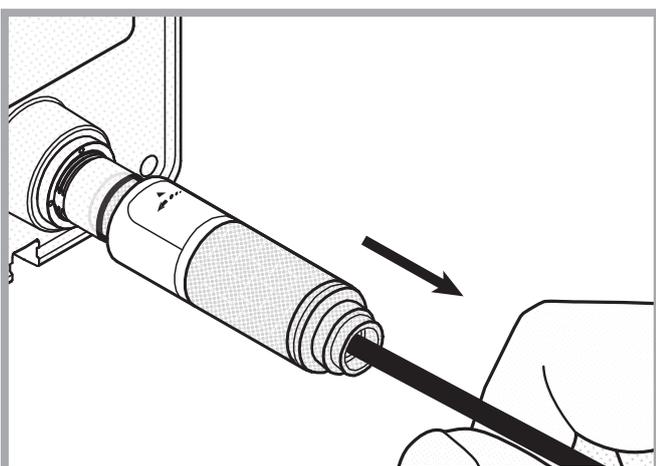
Carefully pull on the string to pull the data cable through the conduit and through the pre-drilled 25mm hole for the data connection.



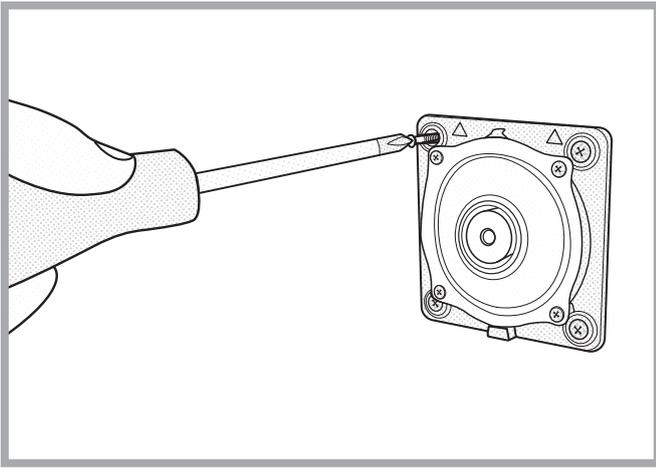
Run a bead of mastic around the groove on the rear of the remote module.



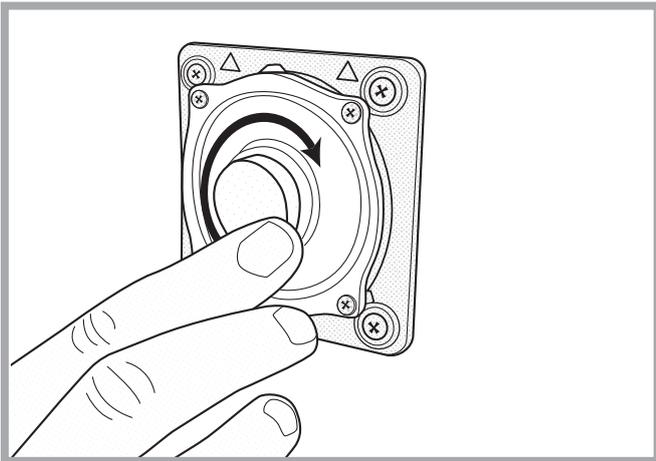
Remove the red protective cap over the data port on the rear of the digital remote module and the protective cap on the loose end of the 10m data cable.



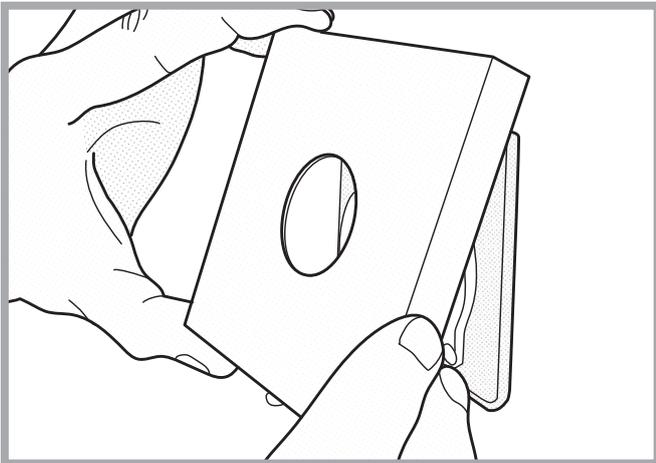
Ensure the data cable/s are securely inserted and cannot be pulled out of the data port/s without twisting the release collar of the data cable connector.



Carefully place controller module against wall and secure with 4 supplied controller screws.

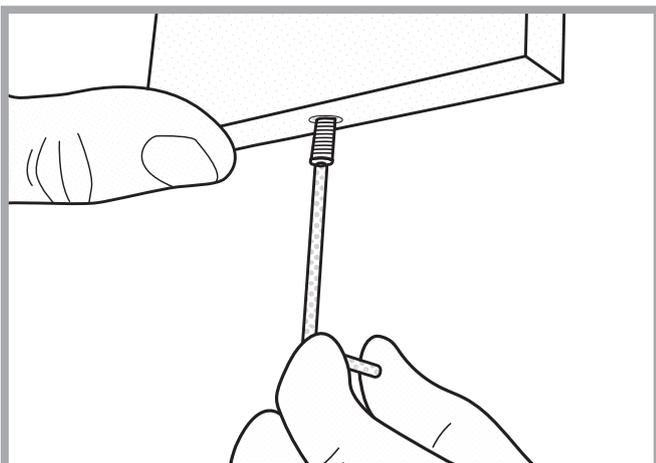


Screw the remote button (supplied separately with remote trim kit) into the front of the remote module by hand.



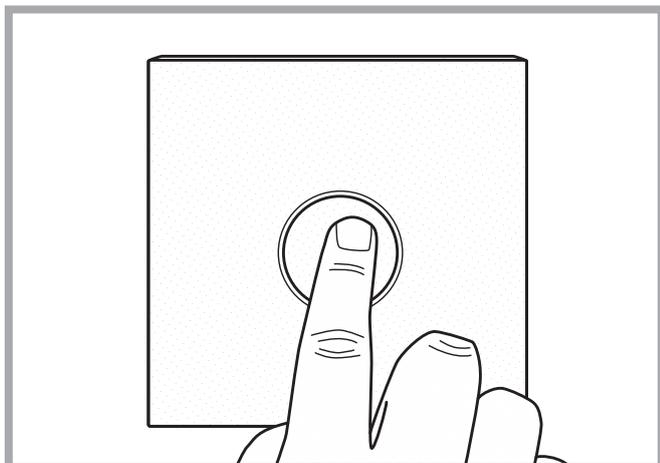
Place the remote trim plate (supplied separately with the remote trim kit) over the digital remote module and ensure the rear edge is flush to the surface of the wall.

Note: It is not required to silicone the trim plate to the wall.



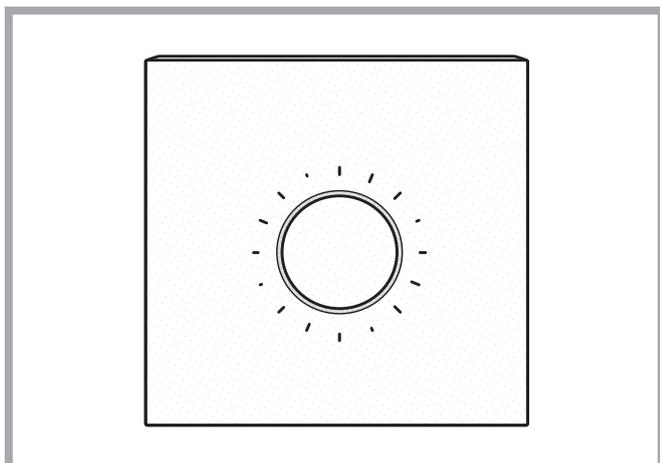
Tighten the captive screw on the bottom of the remote trim plate to fix securely against the digital remote module.

COMMISSIONING THE SYSTEM



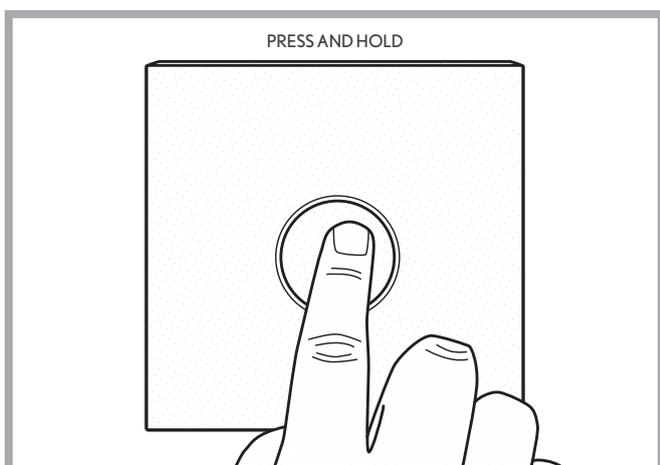
Warning! Ensure the digital system has been commissioned as per the installation guide provided with the digital valve and controller.

Press the button on the digital remote once.



The light ring around the remote button will flash white simultaneously with the light ring around the temperature dial on the main controller until the shower has reached the set temperature. When the set temperature has been reached, the light ring will stop flashing and illuminate white continuously.

The light ring on the remote module will flash white in conjunction with any change of temperature on the main controller. When the set temperature has been reached, the light ring will illuminate white continuously.



If the digital remote button is fitted in conjunction with a dual outlet digital valve, press and hold the remote button for 1.5 seconds to divert the water flow between outlets. The light ring will blink twice as the water flow diverts between outlets.

Press remote button once to turn the system off.

MAINTENANCE

GENERAL MAINTENANCE

Before replacing any parts ensure that the underlying cause of the malfunction has been resolved.

Warning! There are no installer-serviceable components within the digital control module. Access within the digital remote module will invalidate the warranty.

CLEANING

Many household cleaners contain abrasives and chemical substances, and should not be used. Only use a mild washing up detergent or soap solution, and then wipe dry using a soft cloth.

TROUBLESHOOTING

SYMPTOM	PROBABLE FAULT	REMEDY
Shower does not turn on when remote button is pushed (no light on remote).	No power to remote.	If LED on digital valve is lit, check data cable is connected properly.
Shower does not turn on when remote button is pushed (no light on remote).	Damaged remote data cable.	If LED on digital valve is lit and data cable is connected properly, replace data cable.
Shower does not turn on when remote button is pushed (no light on remote).	Damaged remote module.	Replace remote module.

See the troubleshooting section in the installation guide provided with the digital valve and controller for other system faults.

USER GUIDE

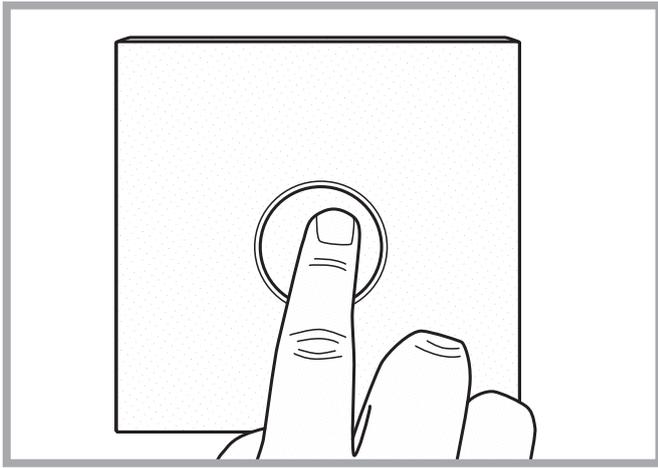
IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before using this system and keep in a safe place for future reference.

To reduce the risk of injury, basic safety precautions, including the following, should always be followed when using electrical appliances.

Children **MUST** be supervised at all times when using this shower system. Training should be given to children and vulnerable individuals before permitting them to operate the controls.

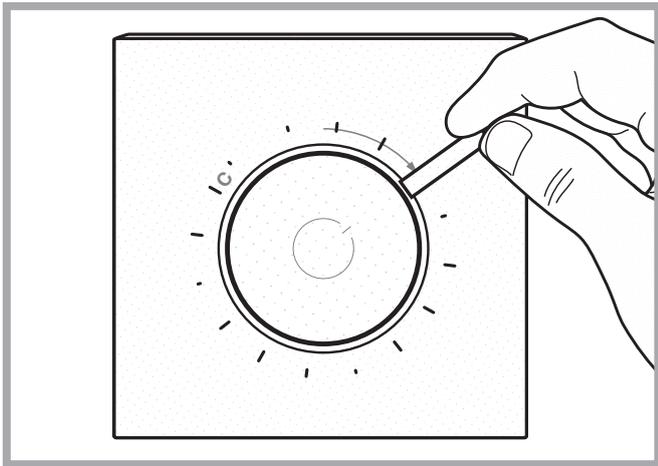
Never operate this product if it is known to have been dropped prior to installation or damaged in any way.



BASIC OPERATION USING THE REMOTE BUTTON

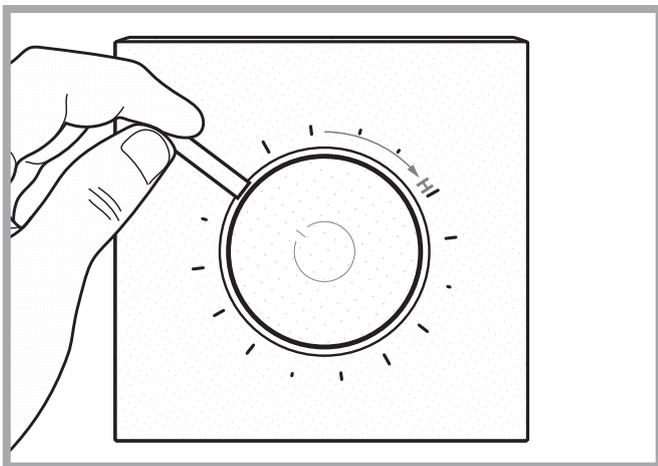
Press the remote button to turn the shower on or off. When turned on, the light ring around the remote button will illuminate and flash white until the water reaches the demand temperature set by the user.

When the demand temperature has been reached, the light ring will stop flashing and illuminate white continuously.



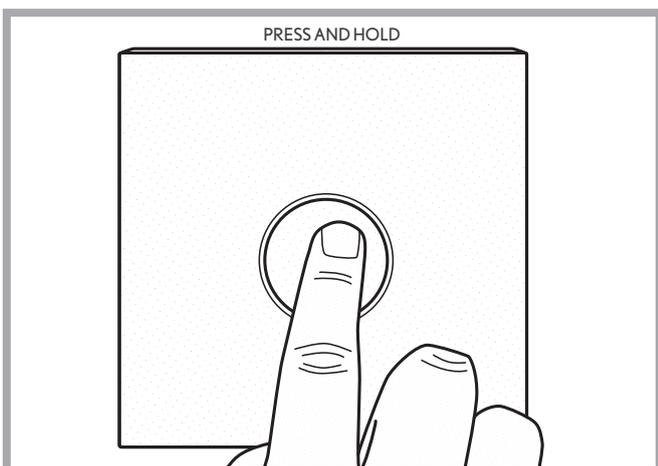
Turn the control dial on the main controller clockwise to increase the temperature of the water. The light ring on the control dial will flash red until the new set temperature has been reached.

When the new set temperature has been reached, the light ring on the remote will stop flashing and illuminate white continuously.



Turn the control dial on the main controller anti-clockwise to decrease the temperature of the water. The light ring on the control dial will flash blue until the new set temperature has been reached.

When the new set temperature has been reached, the light ring on the remote will stop flashing and illuminate white continuously.

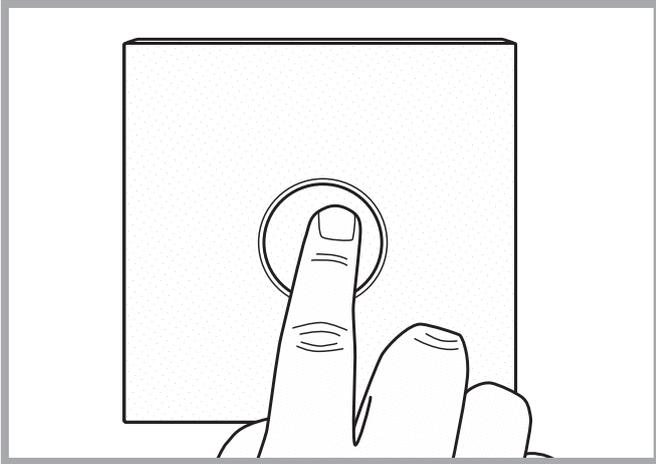


If the digital remote button is fitted in conjunction with a dual outlet digital valve, the remote can be used to divert the water flow between outlets by pressing and holding the button for approximately 1.5 seconds. The light ring will blink twice as the water flow diverts between outlets.

Press remote button once to turn the system off.

CLEANING (SAFE) MODE

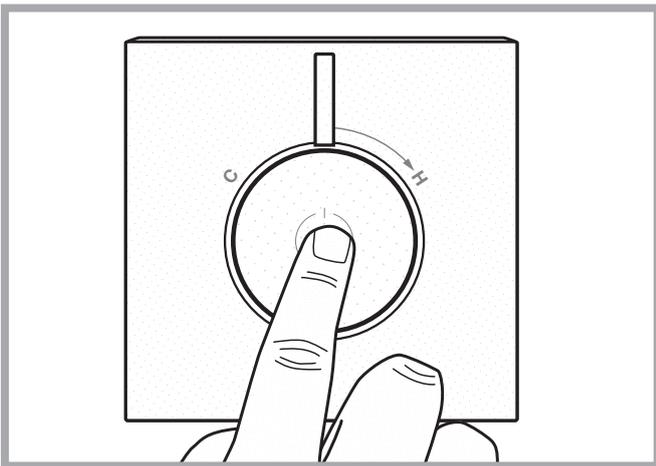
The digital shower controls can be locked to allow safe cleaning of the outer surfaces. This function can be activated from the digital remote or the main controller.



ACTIVATING CLEANING (SAFE) MODE USING THE REMOTE

When the system is off, press and hold the remote button for 5 seconds.

The light rings on the remote and the main controller will illuminate white continuously whilst locked. After 1 minute the controls will automatically unlock and the lights will go out.



ACTIVATING CLEANING (SAFE) MODE USING THE MAIN CONTROLLER

When the system is off, set the temperature control dial on the main controller to approximately mid-blend and press and hold the dial for 5 seconds.

The light rings on the remote and the main controller will illuminate white continuously while locked. After 1 minute the controls will automatically unlock and the lights will go out.

END OF PRODUCT LIFE

When this appliance has reached the end of its serviceable life, it should be disposed of in a safe manner in accordance with current local authority recycling or waste disposal policy.

WARRANTY

Crosswater digital products, unless otherwise stated, carry a 5-year warranty, which covers all manufacturing faults. This warranty does not cover damage during fitting, damage resulting from incorrect installation, or damage caused by misuse or inappropriate cleaning.

Access inside the digital remote module is not permitted. This will invalidate the warranty.

Please refer to your local retailer or contact our technical helpline for information regarding the use of digital systems in commercial premises and the applicability of the warranty in such circumstances.

SERVICING / CONTACT INFORMATION

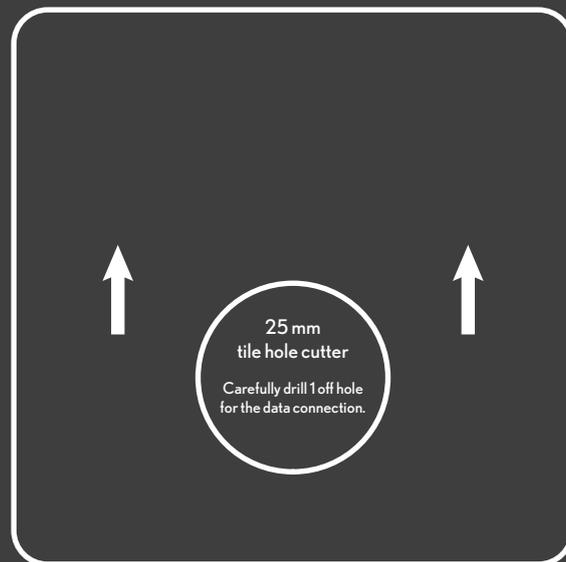
In the unlikely event that you are experiencing difficulties with your new digital shower system, please contact the Crosswater technical advice team.

Telephone: 0345 241195
Email: digital@crosswater.co.uk
Website: crosswater.co.uk

NOTES



DRILLING GUIDE



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