

AQUALISA

# Quartz™

Digital  
Remote controls

Installation guide



## Quartz Digital remotes



Quartz Digital remote control  
**QZD.B3.DS.14**



Quartz Digital wireless remote  
**QZD.B3.WR.14**

## Quartz Digital Divert remotes



Quartz Digital Divert remote control  
**QZD.B3.DVDS.14**



Quartz Digital Divert wireless remote  
**QZD.B3.DVWR.14**

## Components - Quartz Digital remote control



## Components - Quartz Digital wireless remote



# Important information

The Quartz Digital wired secondary remote control is a remote button which provides a secondary method of 'Start/stop' for Quartz Digital shower systems. When used with the Quartz Digital diverter system, the remote can operate each outlet by pushing and holding the 'Start/stop' button for a few seconds as required. The wired secondary remote control may be sited inside the showering area, as long as it is not subjected to continuous spray, or it can be sited outside the showering area – up to 10 metres from the Digital processor.

Quartz Digital wireless remote controls provide a secondary method of 'Start/stop' to the Quartz Digital product controllers. When used with the Quartz Digital diverter system, the remote can operate each outlet by pushing and holding the 'Start/stop' button for a few seconds as required. The wireless remote control may be sited inside the showering area, as long as it is not subjected to continuous spray, or it can be sited outside the showering area. Quartz Digital wireless remote controls can operate from up to 10m away from the receiver box which is plugged into the main processor unit.

**ENSURE THE CORRECT DIVERT OR NON-DIVERT VERSION IS SELECTED AND USED WITH THE RELEVANT DIVERT OR NON-DIVERT SHOWER SYSTEMS. DIVERT REMOTES ARE NOT COMPATIBLE WITH NON-DIVERT SYSTEMS AND VICE VERSA.**

The Quartz Digital remote controls are not suitable for use with any other Aqualisa Digital product range.

**THIS PRODUCT MUST BE INSTALLED BY A COMPETENT PERSON IN ACCORDANCE WITH ALL RELEVANT CURRENT WATER AND ELECTRICAL 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.**

Wireless products include a CR2450 battery, the replacement battery is available from Aqualisa Customer Service Department, part no: 910197. Any product problems that may arise should the incorrect replacement battery be used will not be covered by the terms of our guarantee.

This product is supplied complete with a 2 year guarantee.

The wireless remote battery is not covered by the terms of this guarantee.

This product is suitable for domestic use only..

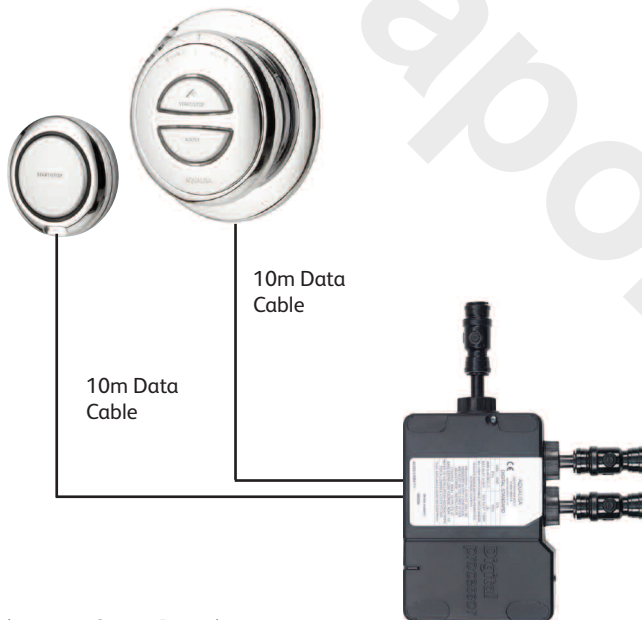
# Installation instructions

## Quartz Digital remote control

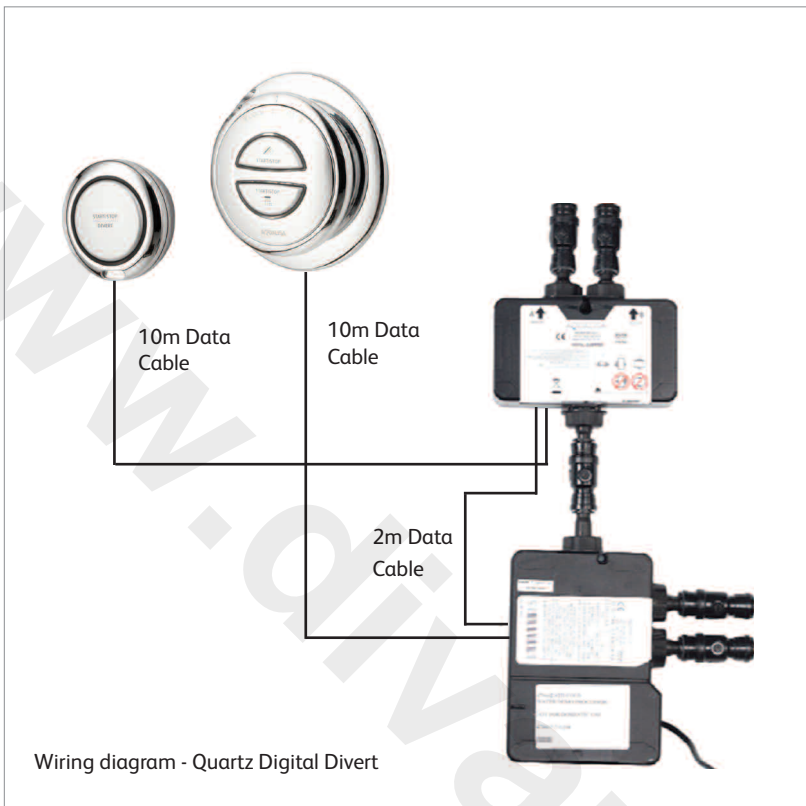
In addition to the guide below it is essential that the written instructions below are read and understood and that you have all the necessary components (shown below) before commencing installation. Failure to install the product in accordance with these instructions may adversely affect the warranty terms and conditions. Do not undertake any part of this installation unless you are competent to do so. Prior to starting, ensure that you are familiar with the necessary plumbing regulations required to install the product correctly and safely.

THE DIGITAL PROCESSOR MUST BE ISOLATED FROM THE MAINS POWER SUPPLY PRIOR TO INSTALLING THE QUARTZ DIGITAL REMOTE CONTROL.

ENSURE THE CORRECT DIVERT OR NON-DIVERT VERSION IS SELECTED AND USED WITH THE RELEVANT DIVERT OR NON-DIVERT SHOWER SYSTEMS. DIVERT REMOTES ARE NOT COMPATIBLE WITH NON-DIVERT SYSTEMS AND VICE VERSA.



Wiring diagram - Quartz Digital



1

Using the back plate as a template, mark the position of the fixing screws and a  $\varnothing 20\text{mm}$  hole for the data cable rear entry point. Prepare suitable wall fixings to accommodate no. 8 non-rusting countersunk head screws of a suitable length (not included).



2

Prepare a suitable route and install the 10m low voltage data cable leaving a working end of at least 70mm including the connector plug. The end of the data cable closest to the processor should terminate at a maximum of 500mm from the processor to allow for connection to the data cable connection block.

!

**DATA CABLES MUST BE PROTECTED BY SUITABLE SHEATHING OR CONDUIT IN THE EVENT OF SERVICING AND MAINTENANCE. A CUT OUT IS PROVIDED IN THE BACK PLATE TO FACILITATE SURFACE SITED CABLE ENTRY IF PREFERRED.**

3

Apply a thin bead of silicone sealant in the mastic groove at the rear of the mounting plate and pull the data cable through before securing the back plate to the wall using suitable no. 8 non rusting countersunk screws.



4

Lining up the key way, push the data cable plug into the back of the button fully home, using a flat bladed screwdriver or similar tool if required, to ensure a water tight seal making sure the seal is no longer visible.



5

Locate the button assembly onto the back plate assembly with the 'Start/stop' or 'Start/stop/divert' graphic in the diagonal position. Rotate the button clockwise so the 'Start/stop' or 'Start/stop/divert' graphic is in the horizontal position to lock the button in place.



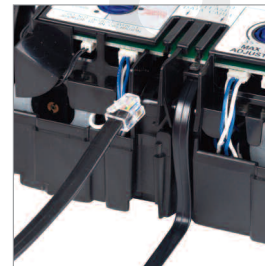
To release the button, insert a small flat bladed screw driver into the small opening at the 7 o'clock position, to release the locking mechanism, and rotate the button anti-clockwise.

**BEFORE ANY ELECTRICAL ADJUSTMENT IS ATTEMPTED, THE ELECTRICITY SUPPLY MUST BE TURNED OFF AT THE MAINS SWITCH. ELECTRICAL INSTALLATION MAY ONLY BE CARRIED OUT BY A QUALIFIED PERSON.**



6

The Digital processor features a secondary data cable socket next to the main data cable connection for use with the Digital remote control secondary 'Start/stop' button. Carefully snap and remove the entry pillar and connect the cable into the socket as shown.



For Divert secondary 'Start/stop' remotes, the cable plugs into the diverter. If using with a Divert product, refer to the Divert installation instructions.

7

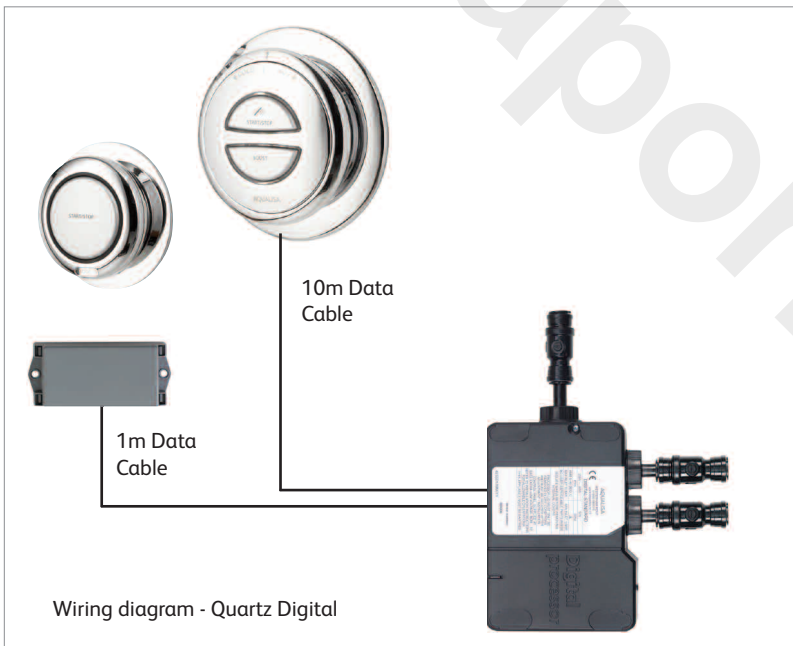
Prior to commissioning the Quartz Digital remote control button following the procedure below, please refer to the installation instructions provided with the main Quartz Digital product to complete the installation of the Digital processor.

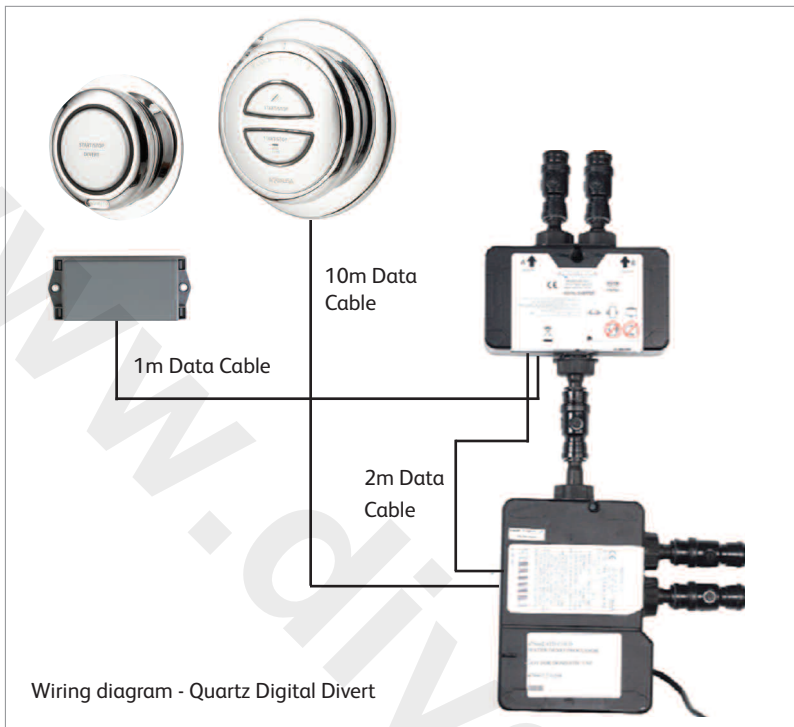
## Quartz Digital wireless remote

**!** In addition to the guide below it is essential that the written instructions below are read and understood and that you have all the necessary components (shown below) before commencing installation. Failure to install the product in accordance with these instructions may adversely affect the warranty terms and conditions. Do not undertake any part of this installation unless you are competent to do so. Prior to starting, ensure that you are familiar with the necessary plumbing regulations required to install the product correctly and safely.

**THE DIGITAL PROCESSOR MUST BE ISOLATED FROM THE MAINS POWER SUPPLY PRIOR TO INSTALLING THE QUARTZ DIGITAL REMOTE CONTROL.**

**ENSURE THE CORRECT DIVERT OR NON-DIVERT VERSION IS SELECTED AND USED WITH THE RELEVANT DIVERT OR NON-DIVERT SHOWER SYSTEMS. DIVERT REMOTES ARE NOT COMPATIBLE WITH NON-DIVERT SYSTEMS AND VICE VERSA.**





1

Using the back plate as a template, mark the position of the fixing screws.



**2**

Drill and prepare the fixing points using the fixings supplied, if suitable. Fit the wall plate onto the back plate taking care to line up the location slots on the back plate, and then fit the assembly onto the wall.

**3**

Using a large flat bladed screwdriver, carefully undo the battery cover by turning it a quarter turn.

**4**

Place the CR2450 battery, positive side facing up, into the rear of the wireless remote control. (The positive side of the battery is the widest side, with the imprinted written details).

**5**

Replace the battery cover turning it a quarter turn to lock in place.



6

Locate the button assembly onto the back plate assembly with the 'Start/stop' or 'Start/stop/divert' graphic in the horizontal position. Insert the top edge first then carefully click the bottom into position.



!

If required, to release the button, insert a small flat bladed screwdriver into the small opening at the 6 o'clock position, to release the locking mechanism and then pull the bottom of the button forwards.

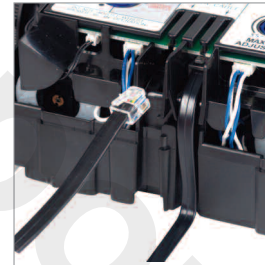
**BEFORE ANY ELECTRICAL ADJUSTMENT IS ATTEMPTED, THE ELECTRICITY SUPPLY MUST BE TURNED OFF AT THE MAINS SWITCH.**

**ELECTRICAL INSTALLATION MAY ONLY BE CARRIED OUT BY A QUALIFIED PERSON.**



7

The Digital processor features a secondary data cable socket next to the main data cable connection. Carefully snap and remove the entry pillar and insert the patch lead data cable into the socket as shown.



!

For Divert secondary 'Start/stop' remotes, the cable plugs into the diverter. If using with a Divert product, refer to the Divert installation instructions.

8

Insert the other end of the patch lead data cable into the receiver box.



9

Secure the receiver box to a flat horizontal surface using suitable fixings.



!

If required, the top of the receiver box can be removed by first removing the fixing screws securing the receiver box to the flat surface. Disengage the two fixing lugs at one end of the box and carefully lift the top clear.

10

Prior to commissioning the Quartz Digital wireless remote control following the procedure below, please refer to the installation instructions provided with the main Quartz Digital product to complete the installation of the Digital processor.

# AQUALISA

Aqualisa Products Limited  
The Flyer's Way  
Westerham Kent TN16 1DE

Customer helpline: 01959 560010  
Brochure Hotline: 0800 652 3669  
Website: [www.aqualisa.co.uk](http://www.aqualisa.co.uk)  
Email: [enquiries@aqualisa.co.uk](mailto:enquiries@aqualisa.co.uk)

Republic of Ireland  
Sales enquiries: 01-864-3363  
Service enquiries: 01-844-3212



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