



## WIRED REMOTE INSTALLATION GUIDE

# AQUALISA

## IMPORTANT INFORMATION

### Safety information

This appliance can be used by children aged from 3 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

These wired remotes provide a secondary method of 'Start/Stop' for Quartz™ or Rise™ shower systems. When used with the diverter system, the remote can operate each outlet by pushing and holding the 'Start/Stop' button for a few seconds as required. The wired remote 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 Quartz Smart Valve™.

**QUARTZ™ REMOTES ONLY - ENSURE THE CORRECT DIVERT OR NON-DIVERT VERSION IS INSTALLED AND USED WITH THE RELEVANT DIVERT OR NON-DIVERT SHOWER SYSTEM. QUARTZ™ DIVERT REMOTES ARE NOT COMPATIBLE WITH QUARTZ™ NON-DIVERT SYSTEMS AND VICE VERSA.**

These wired remotes are only suitable for use with the Quartz™ or Rise™ product range.

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

**ALL PRODUCTS REQUIRING AN ELECTRICAL CONNECTION MUST BE INSTALLED BY A QUALIFIED PERSON FOLLOWING THE LATEST REVISION OF THE ELECTRICAL WIRING REGULATIONS, BOTH NATIONAL AND LOCAL AND CERTIFIED TO CURRENT BUILDING REGULATIONS.**

Cables which are chased into the wall must be protected by a suitably sized conduit or sheathing to allow for removal in the event of service and maintenance purposes.

Ensure that the conduit is run to avoid the wired remote fixing holes.

Surface mounted cables must also be protected by a suitable approved conduit, even in a loft, where there may be a risk of damage from vermin.

The wired remote is supplied from a safety low voltage source.

This product is suitable for domestic use only.

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

We do not recommend the use of wired remotes in steam therapy facilities.

Aqualisa products are supplied complete with a 1 year guarantee that can be upgraded by registering the product with Aqualisa.

See [www.aqualisa.co.uk/guarantee](http://www.aqualisa.co.uk/guarantee) for details.

Please refer to the main installation guide Important Information section for further safety information.

### Declaration of conformity

Aqualisa Products Limited declares that the remote in conjunction with the Quartz Smart Valve™, diverter and main controller complies with the essential requirements and other relevant provisions of the Low Voltage Directive (2014/35/EU) and the EMC Directive (2014/30/EU).

### Wired remote



Quartz™ wired remote  
single outlet



Quartz™ wired remote  
dual outlet



Rise™ wired remote  
single & dual outlet

### Components



Quartz™ components shown for illustrative purposes

## AQUALISA

Aqualisa Products Limited  
The Flyers 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



Intertek



Please note that calls may be recorded for training and quality purposes.

The company reserves the right to alter, change or modify the product specifications without prior warning.

TM Trademark of Aqualisa Products Limited.

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# WIRED REMOTE

## INSTALLATION

Quartz™ images shown for illustrative purposes only.

**!** Before commencing installation, it is essential that the instructions below are read and understood and that you have all the necessary components (shown overleaf). Prior to installation, ensure all additional guides supplied with this product are read and understood.

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 and wiring regulations required to install the product correctly and safely.

The Quartz Smart Valve™ must be isolated from the mains power supply prior to installing the wired remote.

### DIGITAL TV INTERFERENCE

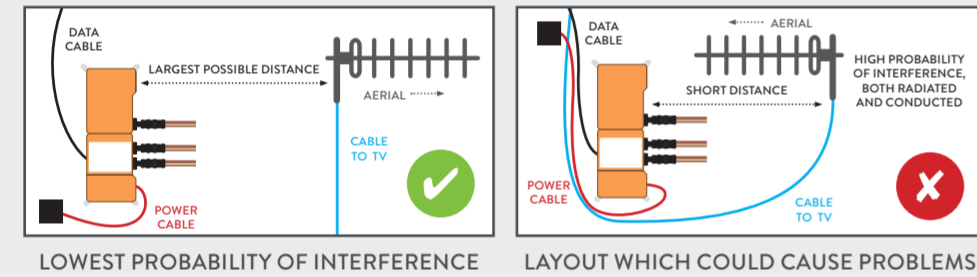
Although the Quartz Smart Valve™ complies with all relevant EMC standards, if incorrectly sited, it may interfere with digital TV reception. Please follow the recommendations below to minimise this effect.

If TV interference is an issue a service kit is available (part no: 652102).

See recommended layouts below.

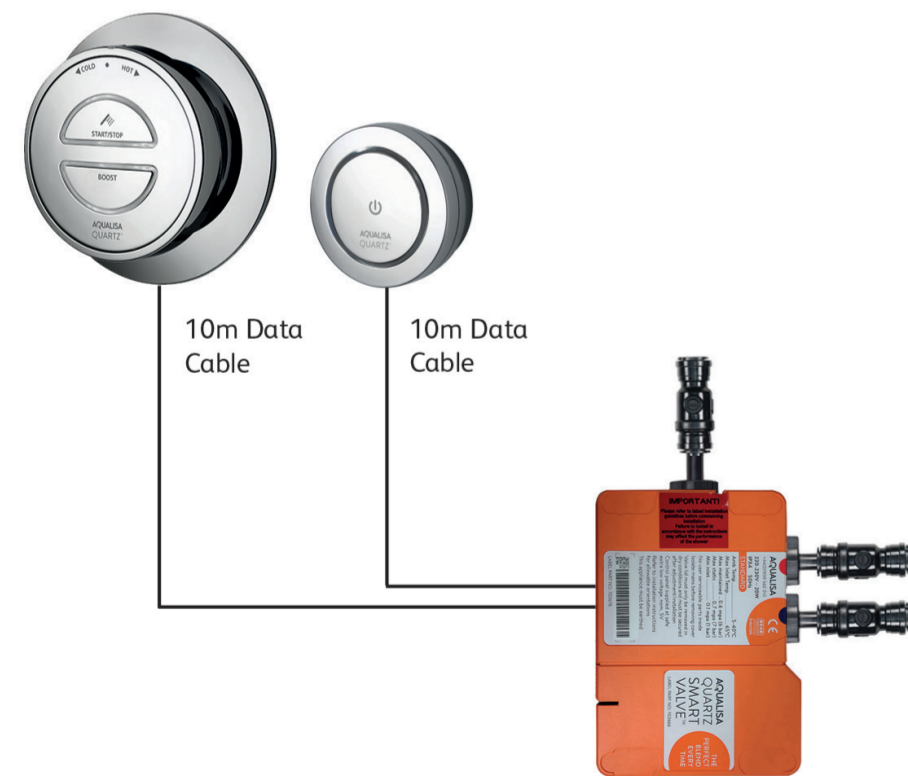
Images of Quartz Smart Valve™ for illustration only, refer to main installation guide for orientation.

**Valve colour may vary** – the Original Quartz™ valve being black, and the Quartz Smart Valve™ being orange.

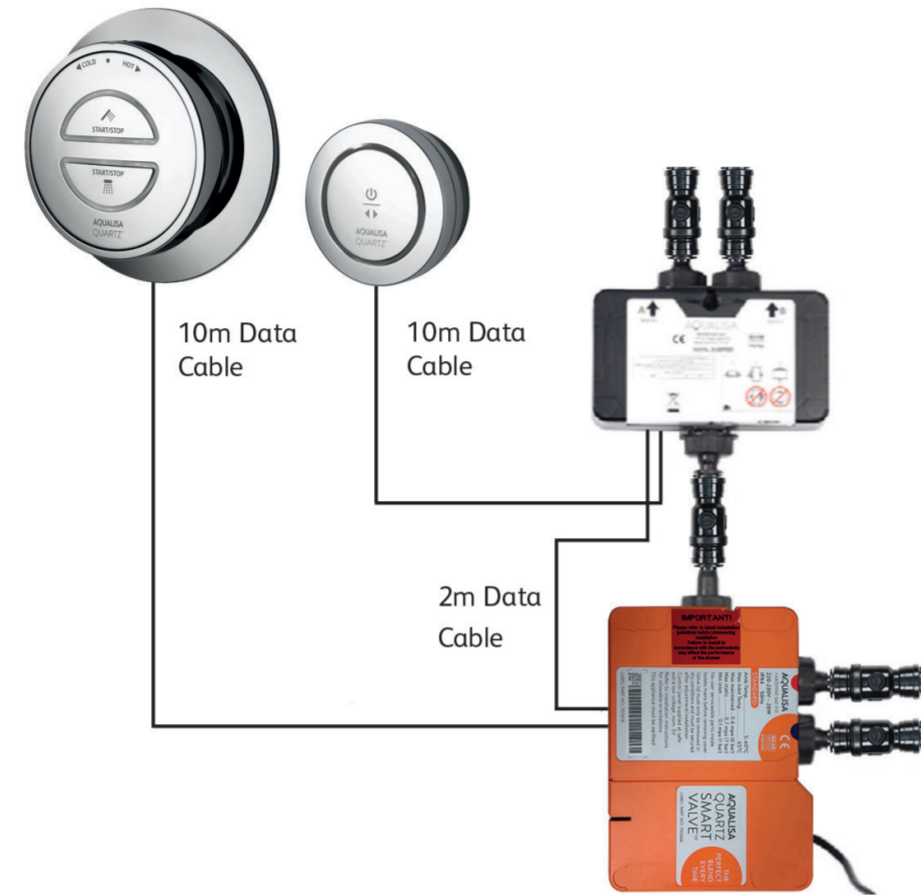


- Route cables separately, and as far apart from each other as possible.
- Aerial to point away from the Quartz Smart Valve™.
- Ensure the distance between the Quartz Smart Valve™ and the aerial is as large as possible.

### Wiring diagram - single outlet



### Wiring diagram - dual outlet



**1** Using the back plate as a template, mark the position of the fixing screws and a Ø20mm 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).



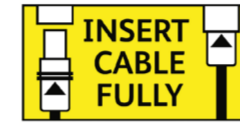
**2** Prepare a suitable route and install the 10m low voltage data cable. On the Quartz Smart Valve™ side, allow sufficient length for plugging into the Quartz Smart Valve™ socket. On the wired remote side we recommend a minimum length of 70mm including the connector plug.

**!** Ensure the data cable is the correct way round as both ends differ in type of connection used. 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 remote assembly, ensuring both rubber skirts are recessed into the connection (see diagram below), using a blunt flat bladed screwdriver or similar tool if required. To make a water tight fitting, ensure the rubber seal is no longer visible.



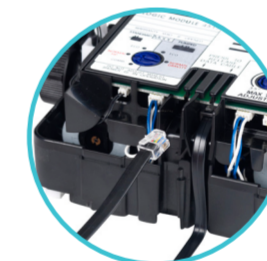
**5** Locate the remote assembly onto the back plate with the graphics in a diagonal position as illustrated. Rotate the remote clockwise so the graphics are in the horizontal position to lock the unit in place.

**!** To release the remote, insert a small flat bladed screwdriver into the small opening at the 7 o'clock position to release the locking mechanism, and rotate the remote face 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 Quartz Smart Valve™ features a secondary data cable socket next to the main data cable connection for use with the remote. Carefully snap and remove the entry pillar and connect the cable into the socket as shown.



**!** For wired remotes used in conjunction with divert products, the cable plugs directly into the diverter. Quartz™ divert wired remotes can only be used with divert products. Please refer to the Divert Installation Guide for further information.

**7** Prior to commissioning the wired remote, please refer to the installation instructions provided with the main product to complete the installation of the Quartz Smart Valve™.

### Commissioning

1. Reconnect the power supply to the Quartz Smart Valve™.
2. Turn the shower system on using the main controller. The LED light ring will flash simultaneously with the remote light ring, until the desired temperature has been reached. When both LED lights remain constant, turn the shower off using the main controller.
3. Repeat the above process using the remote rather than the main controller ensuring the LED lights flash and remain constant simultaneously.

### User guide

#### Single outlet system

1. Press the button on the wired remote to turn the shower on.
2. The flashing to steady LED display advises when the temperature selected by the main controller has been reached.
3. Turn the shower off either by pressing the main controller or remote button.



#### Dual outlet system

1. Press the button on the remote on the wired remote to turn the shower on.
2. The shower system will operate as determined by the outlet selected during the diverter commissioning procedure.
3. If required, push and hold the remote button for 3 seconds to stop the 1st outlet and start the 2nd outlet.
4. The flashing to steady LED display advises when the temperature selected by the main controller has been reached.
5. Turn the shower off either by pressing the main controller or remote button.



**!** If fitting a Rise™ product, please refer to main Rise User Guide for further operating instructions.

### After installation

Run through the wired remote operation with the user and hand them this guide, as well as the main installation and user guide, if applicable.

Complete and post the guarantee card or register online at [www.aqualisa.co.uk](http://www.aqualisa.co.uk)

### Cleaning and maintenance

Your wired remote should be cleaned using only a soft cloth and washing up liquid.

#### DO NOT USE ABRASIVE CLEANERS

Cleaning and maintenance should not be undertaken by children without supervision by a person responsible for their safety.