

## Important Technical Data

Minimum operating pressure 0.75 bar  
Maximum operating pressure 5.5 bar\*

Maximum hot water temperature 70°C\*  
Recommended hot water temperature 46°C

Note: If these temperatures or pressures are exceeded, even for short periods, damage can result. In these instances a thermostatic mixing or pressure reducing valve should be installed.

All Abode taps are either WRAS approved or manufactured in accordance with recognised European standards. Please ensure that your Abode Kitchen mixer is fitted in accordance with Local Water Byelaws.

These installation guidelines have been prepared for your direction and you must exercise due care at all times. We do not accept responsibility for problems that may occur through improper installation. Whilst assembling the tap take care not to accidentally loosen any screwed assemblies.

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### Manufacturers Product Reference



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12/2017

# Contax Sensor Monobloc



## 5 Year warranty Terms and Conditions

In the unlikely event that you should experience any defect in the materials or workmanship of your new Abode mixer within 5 years of purchase, the purchaser's sole remedy shall be the replacement (at the manufacturer's discretion) of all or any part of the product that is defective. All working parts and valves are guaranteed for a period of 5 years from purchase. Decorative surface finishes and O-rings are guaranteed for 1 year from the date of purchase provided that our advice concerning care has been observed and no scouring agents have been used. This is provided that the mixer or tap has been used for normal domestic purposes and that the care, installation and maintenance instructions have been observed. The warranty extends to the original purchaser only.

Marks, scuffs and scratches caused by improper installation or accidental damage are not covered by this guarantee. Neither are shade variations or any damage or defect caused by incorrect installation or abuse of the fitting.

### Care Instructions for your Kitchen Sink tap

Before commencing on the cleaning of the product, please make sure the left hand lever is in the off position, or that the 'Function' button has been pressed. This will give you a 30 second window to clean the tap.

**To maintain the appearance of this product, ensure that it is regularly cleaned only using a clean, soft damp cloth. A solution of warm water and a mild liquid detergent may be used where necessary, and then the fitting rinsed thoroughly and wiped dry. Any other cleaning action will invalidate your warranty.**

If the mixertap has a diffuser it should be unscrewed and cleaned periodically in warm water.

Abrasive cleaners, scouring cleaners and acidic cleaners **must not be used** under any circumstances. Avoid contact with all solvents (including chlorinated solvents, ketones or acetones as these may result in surface deterioration or etching). Also avoid contact with any harsh household chemicals such as oven cleaners, drain cleaners, rust removers, paint strippers and toilet bowl cleaners, bar keepers friend or Brasso.

**Please leave these instructions for your customer.**

# abode

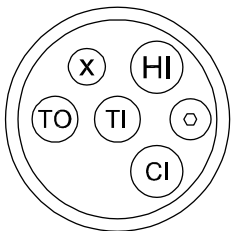
Unit L, Zenith Park, Whaley Road, Barnsley, S75 1HT.  
Tel: 01226 283434 Fax: 01226 282434 [www.abode.eu](http://www.abode.eu)

All errors and omissions excepted.

## Parts and Contents

Key:	Description:	Qty.
A	Mixer body	1
B	Base Plinth	1
C	Black plastic insulator	1
D	Base seal	1
E	White triangular stabiliser	1
F	Lower seal	1
G	Metal horseshoe	1
H	Brass contact washer	1
I	Studded rod	1
J	Fixing nut	1
K	3/8" Flexi (Touch outlet)	1
L	3/8" Flexi (Touch inlet)	1
M	1/2" Flexi tail (Domestic Cold inlet) Pre-inserted seal	1
N	1/2" Flexi tail (Domestic Hot inlet) Pre-inserted seal	1
O	Fibre washers	2
P	Non-return valves (Including Nut & Olives)	2

Fig 1.  
FRONT OF TAP  
(viewed from underside)



CI = DOMESTIC COLD INLET  
 HI = DOMESTIC HOT INLET  
 TO = TOUCH OUTLET  
 TI = TOUCH INLET  
 X = FIXING STUD

## Changing the Battery

1. Unscrew front cover using a cross head screwdriver.
2. Pull front cover (S) away from control box (T).
3. Replace old battery (Q) with new battery.
4. Screw front cover (S) back onto control box (T).
5. The red led light should light up. This indicates that the calibration sequence has begun and last around **5 seconds**.  
**Note: DO NOT TOUCH the tap during this period.**
6. The red light will then go out. This indicates that the calibration is finished and the installation is ready to work.

**Battery type:** 223 LITHIUM CR-P2 – 6V  
**Battery life:** 25 uses per day = APX. 24 months

Note: When flat it will stop automatically (solenoid closed) preceded by a “flash” on the electronic control box.

Please make sure the old batteries are recycled appropriately.

NOTE: All electrical installations must comply with current IET and ROHS/WEEE regulations.



## Electronics Installation

Key:	Description:	Qty.
Q	6V Battery	1
R	Case screws	4
S	Front cover	1
T	Electronic control box	1
U	Brass contact washer connection	1
V	Solenoid valve power connection	1
W	Black solenoid power connector	1
X	Solenoid valve	1

11. Remove front cover (S) from electronic control box (T).
12. Screw electronic control box (T) inside the base unit so that:
  - The wires will reach the relevant connection points
  - The wires are away from any likely source that will pull or snag them
  - The batteries can be easily replaced by the customer.

13. Plug socket on black connector (W) to the connection (V) on the electronic control box (T).

Note: The white lines will match up on connection.

14. Connect the touch outlet (K) and touch inlet (L) to the solenoid valve (X) as shown.

15. Connect the red and black connectors (W) to the solenoid valve (X).

Note:  
Red = Positive (+)  
Black = Negative (-)

16. Connect brass contact washer (U) to the brass contact washer (H) as shown.

17. Insert the battery (Q) in the control box (T) and screw front cover (S) onto control box (T) using screws (R).

The red led light should light up. This indicates that the calibration sequence has begun and last around **5 seconds**.

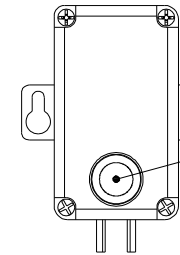
**Note: DO NOT TOUCH the tap during this period.**

The red light will then go out. This indicates that the calibration is finished and the installation is ready to work.

## After installation

Once you have visually checked the new fittings and connections, ensure that all taps are closed except the new mixer tap which should be left open. Turn on the water supply at the mains stop cock. As the system starts to refill, check carefully for leaks. Once you are fully satisfied that there are no leaks, turn on the water heating. Clean the tap to remove any marks created during installation as instructed then place the cloth bag that has been provided to protect the tap until it is ready for use.

## Function button



'Function' button

To enable the tap to be cleaned, a feature which blocks the water flow has been integrated. By pressing the function button the sensor is blocked for 30 seconds. The red light flashes (double flashes) during this period allowing cleaning without accidental operation.

## Advanced features – the diagnostics LED:

- **1 flash:** The battery level is too low, and must be replaced
- **2 flashes:** The system is in 'cleaning' mode or in security time-out
- **3 flashes:** The system cannot function correctly due to bad connection. Check the installation and connections

## Advanced features – Sensitivity Touch settings:

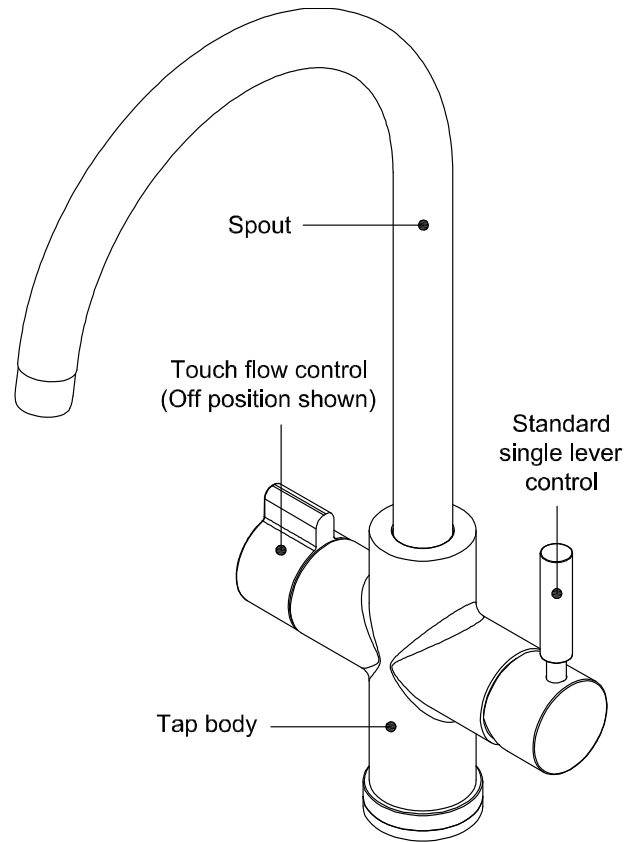
- The level of sensitivity can be set by using the function button.
- To enter the settings mode you must press and hold the function button for 10 seconds (until the red light is permanently lit).
- Release the button
- The sensitivity level is indicated by a series of flashes. For example, level 2 is indicated by 2 flashes. The series of flashes is repeated 3 times so that the installer can see the selected level clearly. The LED flashes from 1 to 5 times depending on the selected sensitivity level.
- Each time the button is pressed the sensitivity level changes. In order to validate the sensitivity level, wait until the LED stops flashing.

**Note: After the sensitivity level has been validated (if the level has been changed) the sensor re-calibrates: DO NOT TOUCH the spout whilst the LED is lit.**

## Advanced features – When to change the sensitivity level:

- If the tap is not correctly detecting when it is touched (the water flow is aborted or does not start), increase the sensitivity level.
- If the water flow runs or does not stop without the users activation, reduce the sensitivity.

## User Guide



### Standard Hot, Cold & Mixed water

- Cold (domestic) water - This is delivered when the right tap handle is pulled horizontally outwards and 20° away from you.
- Hot (domestic) water - This is delivered when the right tap handle is pulled horizontally outwards, then fully forwards.

Note: for mixed water temperature pull the handle forwards 45°.

### Sensor tap function

- Turn the touch flow control handle forwards to adjust the rate of the water.
- Note: In the upright position no water will flow.**
- Touch the spout, tap body or base plinth to activate the sensor. Simply rotate the control forwards to increase the flow, or rotate backwards to reduce and or stop the flow.
  - Once the sensor has been activated by touching the tap, the water will flow for approximately 30 seconds before stopping. To reactivate simply touch the tap again.
  - Once flowing either touch the tap again or close the flow control handle to stop the flow.
  - "Grab function" allows you to grasp the spout and rotate it without activating the sensor.

## Installation Instructions:

### Preparation

Before installing the new mixer it is essential that you thoroughly flush through the supply pipes in order to remove any remaining solder, swarf or impurities from your system. Failure to carry out this simple procedure could cause problems or damage to the workings of the mixertap.

We strongly recommend installing particle filters and isolation valves to both the hot and cold feed pipes in an accessible position. This will help to prevent premature failure of the valves and ease any future maintenance.

All parts should be removed from their packaging and inspected for any transport damage prior to installation.

Shut off your water heating system and ensure that your mains stopcock is closed. Open the lowest hot and cold taps in the house and allow the water to run until the cold-water storage tank and pipes are fully empty. Please note, the hot water storage cylinder (if applicable) will always remain full.

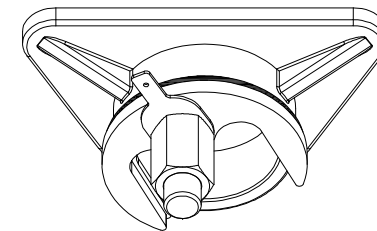
This mixertap requires a 35mmØ tap hole, if replacing an existing tap, remove the tap & clean the end of the feed pipes using wire wool the tap hole area should be free from dirt and sealant.

Loosely position the tap and tail pipes to check if any alteration to the existing pipework is required, if this is the case do this now.

### Tap Installation

1. Screw studded rod (I) into the base of the mixer body (A). (See Fig 1.)
2. Place the base seal (D) into the base of black plastic insulator (C) then place the base plinth (B) onto the top of black plastic insulator (C) as shown.
3. Place base plinth (B) insulator (C) and base seal (D) over studded rod (I) and onto bottom of mixer body (A).
4. Screw tail pipes (K, L, M and N) into the base of the mixer body (A) as shown in (Fig 1.)
5. Place the mixer body (A), base plinth (B) insulator (C) and base seal (D) onto the sink/worktop, passing the tail pipes (K, L, M and N) and studded rod (I) through the tap hole.
6. Pass the triangular stabiliser (E), lower seal (G) and then the metal horseshoe (G) over the studded rod (I) and around the flexible tail pipes (K, L, M and N).
7. Place brass contact washer (H) over studded rod (I). Note: Make sure tag is facing forwards so it can be accessed (see Fig 2.)

Fig 2.



8. Fasten the fixing nut (J) securely onto the studded rod (I) to fix the mixer body (A) into its correct location.
9. Connect non-return valves (P) to the hot and cold flexi tails (M & N), and that the arrows are facing the direction of the water flow. Ensure fibres washers (O) are placed inside flexi tails (M & N).
10. Connect the non-return valves (P) to the hot and cold water feeds using the ½ BSP Nuts and olives supplied.