DB51

DOLPHIN REMOTE CONTROL

INSTALLATION AND MAINTENANCE GUIDE

DOLPHIN
BLUE

OVERVIEW

Dolphin Blue's Remote Control is available for the easier maintenance of extensive installations that require custom settings. This is a huge advantage when setting up and adjusting our infrared range of products particularly when you have a large number of taps/flush valves/showers to install. Another big advantage of our range is that the sensors have a non-volatile memory that will retain the stored adjustments even if the power fails or the battery is replaced.

NOTE: To operate the advanced functions with the new 13 key Remote Control you must have a compatible product.

It is not sufficient to point the Remote Control in the general direction of the tap, as you would with a TV remote control. The signal from the remote control must be caught by the sensor; therefore the remote MUST be operated within 10cm from the sensor.

Detection Range

Delay In Time

Temporary Off

Security Time

Lock Out Time

Half Flow Time

Delay Out Time

Auto Adjustment

Reset

24 Hour Hygiene Flush

Full Time Flow

13 KEY REMOTE CONTROL

TEMPORARY OFF FUNCTION

This function is ideal to perform any kind of activity in front of the sensor without operating the system e.g. when cleaning the washroom.

Taps and flush valves will remain closed for 1 minute when this button is pressed once.

Showers will remain closed for 2 minutes. To cancel this function and to return to normal operation press the button again or leave for 1-2 minutes.

RANGE (manual adjustment)

Use this feature to set the point beneath the sensor at which the user's hand activates the tap. Press the RANGE button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the detection range and − to reduce it.

RANGE (auto adjusting sensor)

Note: Only operates on products with a selfadjusting sensor.

This mode allows you to adjust the sensor range using your hand to indicate the desired distance.

Press the ADJ button. Wait until a quick flashing of the red light at the sensor eye is perceived. Place your hand at the desired distance from the sensor. The range will be adjusted when the light stops flashing.

DELAY IN TIME

The Delay In time prevents unwanted activations. This can occur, for example, if a person passes close to the urinal or a toilet without the intention to use it. The Delay In setting will only allow the system to activate if the user is detected for the preset number of seconds. **It is recommended to change the Delay In time at flush valves for urinals or toilets only.**

For taps and showers, the Delay In time should be as short as possible.
If required, the Delay In time can be modified as follows:
Press the IN button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the Delay In time and – to reduce it.

DELAY OUT TIME

This function controls two different actions depending on the product as follows:

TAPS AND SHOWERS

Control the time delay between the point the user leaves the wash point and the water flow ceases. A short Delay Out time will save water whilst an increased Delay Out time is more convenient for the user.

FLUSH VALVES

Control the time delay between the point the user leaves the urinal or WC and the water flushes. You will need to consider the situation and set this time delay according to your discretion but we advise 2-3 seconds in a WC.

If required the Delay Out time can be modified as follows:
Press the OUT button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the delay out time and – to reduce it.

SECURITY TIME

The Security Time, present at taps and shower controls prevents continuous flushing of water due to reflection or vandalism. By default, if the sensor is covered for more than 90 seconds at taps or 10 minutes at showers, the water flow will stop automatically. To resume regular operation any obstruction must be removed.

If required the Security Time can be modified as follows:
Press the SEC button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the Security Time and – to reduce it.

RESET BUTTON

This function allows the sensor to return to the original factory present settings. If required, press the RES button and without releasing it, press the + button once.

LOCK OUT TIME

This button is used to activate or deactivate the Lock Out function. When specified this function will lock out the facility for a specific time e.g. in a prison situation a shower can only be taken every 30 minutes. If a lock out time was not specified at the point of order, you will not have the use of this function.

HALF TERM FLOW

This button allows changing the flush valve's water flushing time once the user leaves the urinal or the toilet.

If required the Half Flow Time can be modified as follows:
Press the yellow single wave button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the flow time and – to reduce it.

FULL FLOW TIME

This button applies to flush valves for toilets with an infrared dual flush system. At these flush valves, the half flow time can be changed using the yellow single wave button, and the Full Flow Time can be changed by using this one.

If required the Full Flow Time can be modified as follows:
Press the blue double wave button. Wait until a quick flashing of the red light at the sensor eye is perceived. Then press + to increase the flow time and – to reduce it.

24 HOUR HYGIENE FLUSH

This function is ideal to maximise hygiene and prevent Legionella and other diseases. It also helps to prevent pipes from freezing, keeping the water moving through the pipes every 24 hours.

To activate the hygiene flush, press the clock button and without releasing it, press the + button once. To deactivate the hygiene flush, press the clock button and without releasing it, press the – button once.

KEY TO ICONS

Shower: Dolphin Blue Infrared shower e.g. **DB**1100/1200

WC: Dolphin Blue Infrared WC flush valve e.g. **DB**680/690

Tap: Dolphin Blue Infrared tap e.g. **DB**100/200/300/400

Urinal: Dolphin Blue Infrared urinal flush valve e.g. **DB**650/660