

iotota



washroom
water management



New *iota* Urinal Flush Controller

The intelligent PIR stimulated flush valve controller that uses less water!

- **Push button flush duration setting**
- **Guaranteed one flush per flush - Uses less water!**
- **Powered by standard AA batteries giving minimum 1 years life**
- **Flush, surface or recessed mounting**
- **Standard white or optional stainless steel front plate**
- **Instant test flush facility**
- **Flush counts stored based on previous 72 hour period**
- **Anti Vandalism mode**
- **No PIR mode**
- **Optional remote handset**



Flush Duration Settings

Unlike the majority of urinal controllers with pre-determined flush times set via fiddly switches, *iota* utilises a push button method to set flush duration. This ensures only one flush per flush, therefore the system uses less water than it's competitors.

(Example; a cistern being filled via a 15mm pipe at 2 bar (30 Psi) could take 40 Seconds to fill and flush, therefore if 1 minute is selected then every 4th flush their would be a double flush, if water pressure was at 45 Psi then the same cistern would fill in Approx 30 seconds giving 2 flushes per fill).

Flush, Surface or Recessed Mountable

Utilising standard double-gang 'electrical' sized front plate *iota* can be mounted in all the same ways, using traditional surface mount boxes, wall mount or dry line boxes allow the system to be mounted in any application including suspended ceilings. A variety of 'back-boxes' are available from any electrical wholesaler.

Batteries

iota is powered by AA batteries which are freely available and avoid the inflated cost and difficult disposal of proprietary lithium cells. Giving in excess off 1 year's life, ties in nicely with annual maintenance regimes.

Test Flush Facility

iota can perform a test flush via the push buttons. This easy testing method ensures the correct flush settings and makes initial set up incredibly easy.

Flush Counts

iota stores the number of flushes during the previous 72 hour period. Accessed via the push buttons and cleverly displayed via the front panel indicator, simple auditing data can be extracted to confirm the reduced water consumption.

Anti Vandalism Mode (Optional mode)

If no activity has been seen in the last 72 hours *iota* assumes 'vandalism mode' (i.e. damage to the PIR) and operates the flush valve every hour, in accordance with regulations (Self- resetting).

No PIR Mode (Optional mode)

iota simply operates the flush valve every hour, keeping water consumption in line with basic water regulations.



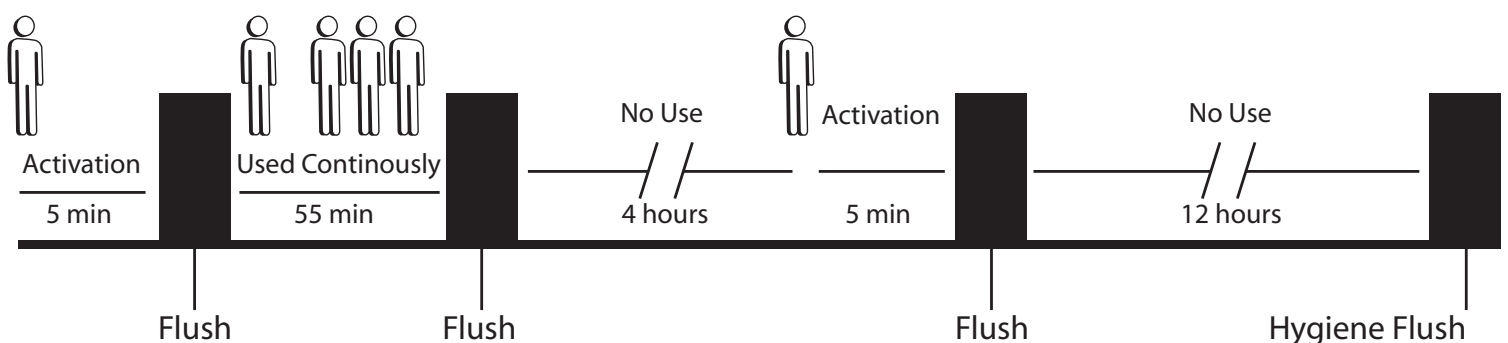
Remote Handset

iota offered with a optional remote handset that mirrors the two PCB mounted push buttons.

- This unique feature allows the initial set up via the handset which is simply plugged into a socket on the front panel.
- Supplied with 2 metres of cable, the *iota* is set up whilst standing comfortably rather than balanced on a ladder.
- For installations were many *iota* are fitted only one handset is required.
- The hand set also simplifies routine maintenance and collection of flush data.

Unique flushing sequence for maximum hygiene

On detecting movement, *iota* waits 5 minutes before flushing. After the flush, the system waits for a further 55 minutes. If movement is detected *iota* will flush at the end of the 55 minute period, ensuring a maximum of one flush per hour. By flushing directly after the initial use potential odour and scaling is reduced. If no movement is detected *iota* simply waits until movement is detected and repeats the process or if no movement is detected for 12 hours a hygiene flush is performed.



Save Today, To Help Tomorrow

Concentrating on water management not only saves money but also helps protect the environment. Making tomorrow a better place for everyone.

The following water management products are also available...

- **Flush Counters**
- **WC Flush Controls**
- **Automatic Taps**
- **Urinal Blocks & Traps**
- **Washroom Chemicals**
- **Air Fresheners**
- **Hand Dryers**

For further information on any of the mentioned products please contact us on the following details:

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