

## RADA PULSE CONTROL BOX AND HAND HELD PROGRAMMER

**Control Box**

- Provides central control for complete washroom system
- Controls up to 10 individual showers, hand wash basins or urinals
- Integral 12 volt transformer
- Provides interface for auxiliary equipment e.g. pumps, ventilation fans or light systems
- Robust construction
- Compatible with all Rada Pulse Operating systems, sensors and solenoids

**Hand Held Programmer**

- Allows the user to program mode of operation, duty cycles and flow duration for individual outlets
- Flexible programming to ensure maximum economy
- Easy to follow menu
- Multi-lingual
- Easy to use 'copy and paste' facility to assist programming multiple outlets
- Back lit alpha numeric display
- Fault finding facility

**Specify as: Rada Pulse Control Box (2.1.093.79.3)**

'A complete washroom system control unit' with 12 V transformer capable of controlling up to 10 Rada Pulse Operating Systems.

**Specify as: Rada Pulse Hand Held Programmer (2.1.093.80.1)**

With four touch sensitive buttons, two line back lit alpha numeric display and 3.0 metres extendable coiled cable suitable for programming the Rada Pulse Control Box.

TECHNICAL SPECIFICATION

**Description**

The Rada Pulse electronic washroom flow control system will enable the precise control of showering, hand washing and urinal flushing outlets. A single Rada Pulse control box will control up to 10 outlets in any configuration. Each outlet is operated via a no touch sensor and a universal solenoid valve (refer to Operating System datasheets for more information), ensuring maximum hygiene in the washroom.

The system is programmed remotely, via a hand held programmer. The Rada Pulse hand held programmer is simply plugged into the control box then used to either set up or adjust the flow settings of each individual outlet or check for faults in cable runs to solenoids and sensors. This is done by following the easy to use menu structure.

**Installation and Maintenance**

Please refer to the appropriate Product Manual.

The control box is supplied with an easy to use fixing template and can be mounted in any plane. Access to the programmer socket should be considered when installing the control box.

**Note!** Any combination of showering, washbasin or urinal flushing (up to a maximum of 10) can be controlled from a single Rada Pulse control box. In addition the control box will also provide a signal for up to 3 auxiliary functions e.g. fans, lights and pumps.

The hand held controller has a back lit two line alpha numeric display. A four button key pad is used for scrolling through the menu structure and programming the timing options.

The programmer is multilingual and can be set by the user to display the menu in one of nine languages.

**Approvals**

Complies with all relevant directives for CE marking.  
 Designed, manufactured and supported in accordance with accredited BS EN ISO 9001:2008 Quality Management Systems and BS EN ISO 14001:2004 Environmental Management Systems.

**Materials**

Control box: PC/ABS blended plastic to give the product fire-retardant qualities.  
 Programmer: Tough ABS plastics. The hand held programmer has a 3 m extendable coiled cable with a pin plug attachment for connection to the control box.

**Electrical Specification**

Protection class: Control box IP54.  
 Supply voltage: 230 V AC, 50/60 HZ.  
 Transformer: 230 V AC/12 V AC.  
 Maximum humidity: 80% at 35°C.

**Dimensions (mm)**

