

# unique automation

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Project number: **RAKO RCP07 BOM**

Project name: **bathomatic functionality on 7 button RAKO RF wall plate controller**

Doc type: **Post-design process**

By enabling bathomatic functionality RAKO RCP07 becomes a dual purpose interface. In normal mode it controls RAKO lighting universe and longer button presses transform it into a simple bathomatic interface capable of running preset 1 to 4, pause, re-starting and emptying of the bath.

RAKO RCP07 can only control bathomatic if BOM009 – RAKO CARD is installed and correctly configured. BOM009 – RAKO CARD provides bathomatic with RF connectivity. For installation and configuration of BOM009 – RAKO CARD please refer to it manual.

When BOM009 – RAKO CARD is installed and correctly configured RAKO RCP07 can control LED RGB connected to bathomatic. This configuration is typically used for whirlpools, but can be used for mood lighting control

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## **1 bathomatic functionality on RAKO RCP07**

### **1.1 Enabling bathomatic functionality**

Press and hold buttons 1, 2 and UP arrow simultaneously. The LED will come on and after 5 seconds will starts blinking. bathomatic functionality is enabled

### **1.2 Disabling bathomatic functionality**

Press and hold buttons 1, 2 and OFF arrow simultaneously. The LED will come on and after 5 seconds will starts blinking. bathomatic functionality is enabled

bathomatic functionality will not effect the normal performance of your RAKO RCP07

All 7 button RAKO RF wall plate controllers shipped after the end of 2007 have bathomatic functionality build in. If for whatever reason your RAKO RCP07 cannot be enabled for bathomatic use please contact either Unique Automation or RAKO Controls.

Please refer to RAKO datasheets and user manuals for more details on RCP07 or RAKO lighting

## 2 Using RAKO RCP07 to control bathomatic

### 2.1 Running a preset

Numeric buttons 1 to 4 represent bathomatic presets 1 to 4.

**Press the numeric button corresponding to the preset you wish to run and hold it down for 6 seconds until the LED starts blinking. Press the UP arrow button and bathomatic will run the chosen preset.**

If the UP arrow button is not pressed within 5 second after the LED starts blinking RCP07 goes back to its default lighting mode. During this period the LED will blink 5 times

RCP07 will only run bathomatic presets 1 to 4.

### 2.2 Pausing

To stop the filling or emptying process one of the numeric buttons can be used together with the DOWN arrow button. Number of current running preset is not important and all of the numeric buttons 1 to 4 can pause the process.

**Press any numeric button and hold it down for 6 seconds until the LED starts blinking. Press the DOWN arrow button and bathomatic will pause.**

To resume filling to a preset go to 2.4 or run a new preset 2.1 and to empty follow the instructions below

### 2.3 Emptying

**To empty the bath press the OFF button and hold it down for 6 seconds until the LED starts blinking. Press the DOWN arrow button and bathomatic with empty the bath**

### 2.4 Resume filling

When the filling process has been paused it can be resumed

**To resume filling to the settings of the paused preset press the OFF button and hold it down for 6 seconds until the LED starts blinking. Press the UP arrow button and bathomatic will resume filling to the chosen preset.**

### **3 Using RAKO RCP07 for LED cycling on bathomatic**

Cycling of the RGB LED light is controlled using the fade buttons. Fade Up or COM 1 starts the cycling mode. Any other input stops it.

### **4 Default address of BOM009 – RAKO CARD**

BOM009 – RAKO CARD is programmed on house 1 room 4 channels 1-3. The 232 commands are the same as the standard RAKO product except that one need to send a LED 1 to enable the led drive and a LED 0 to disable the drive.