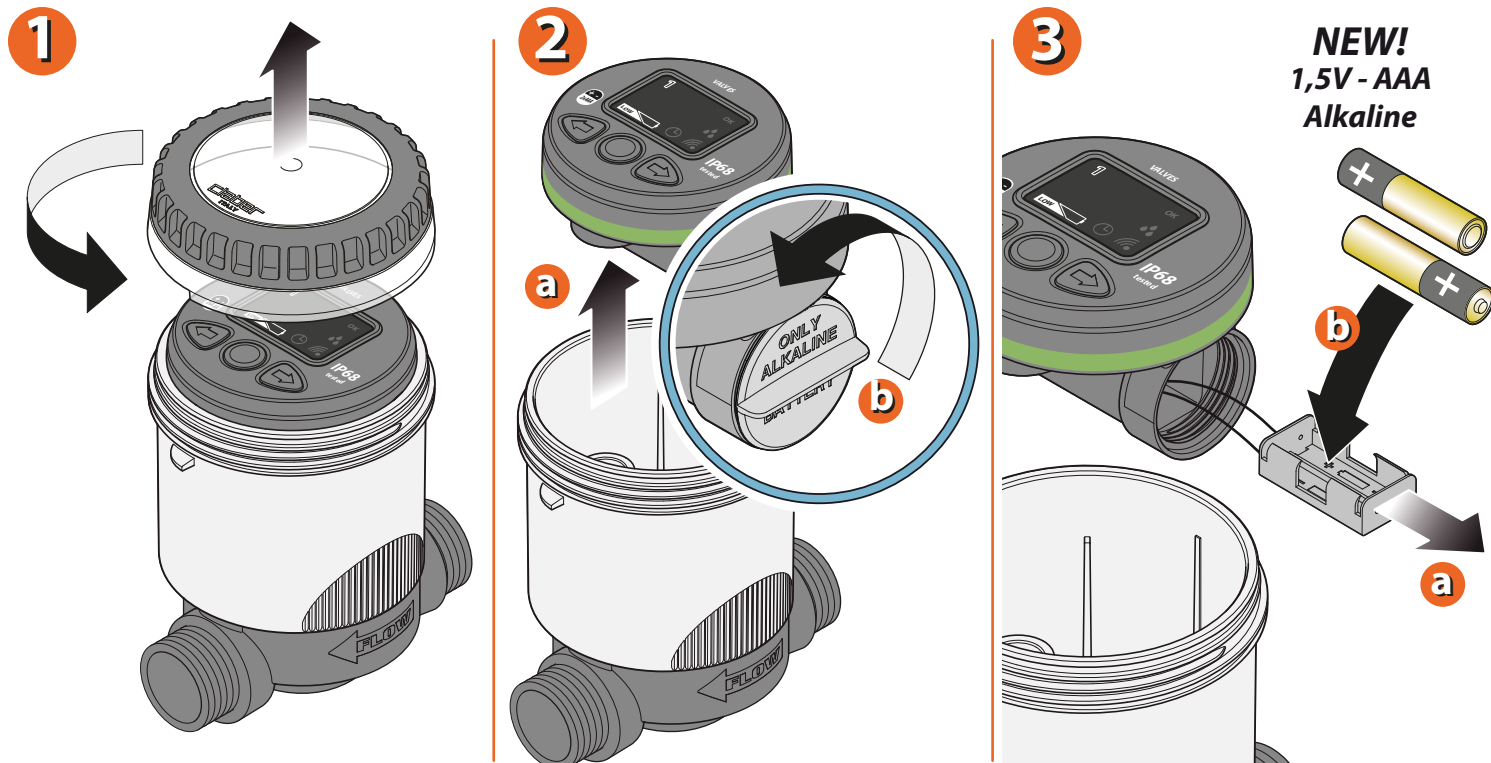


FITTING THE BATTERIES. Fitting / replacement procedure: unscrew the transparent cover and remove the control unit. Unscrew the cap of the battery housing. Draw the battery holder out of the housing. Remove flat batteries, if in place, and fit the new ones in the holder, observing the correct polarity.

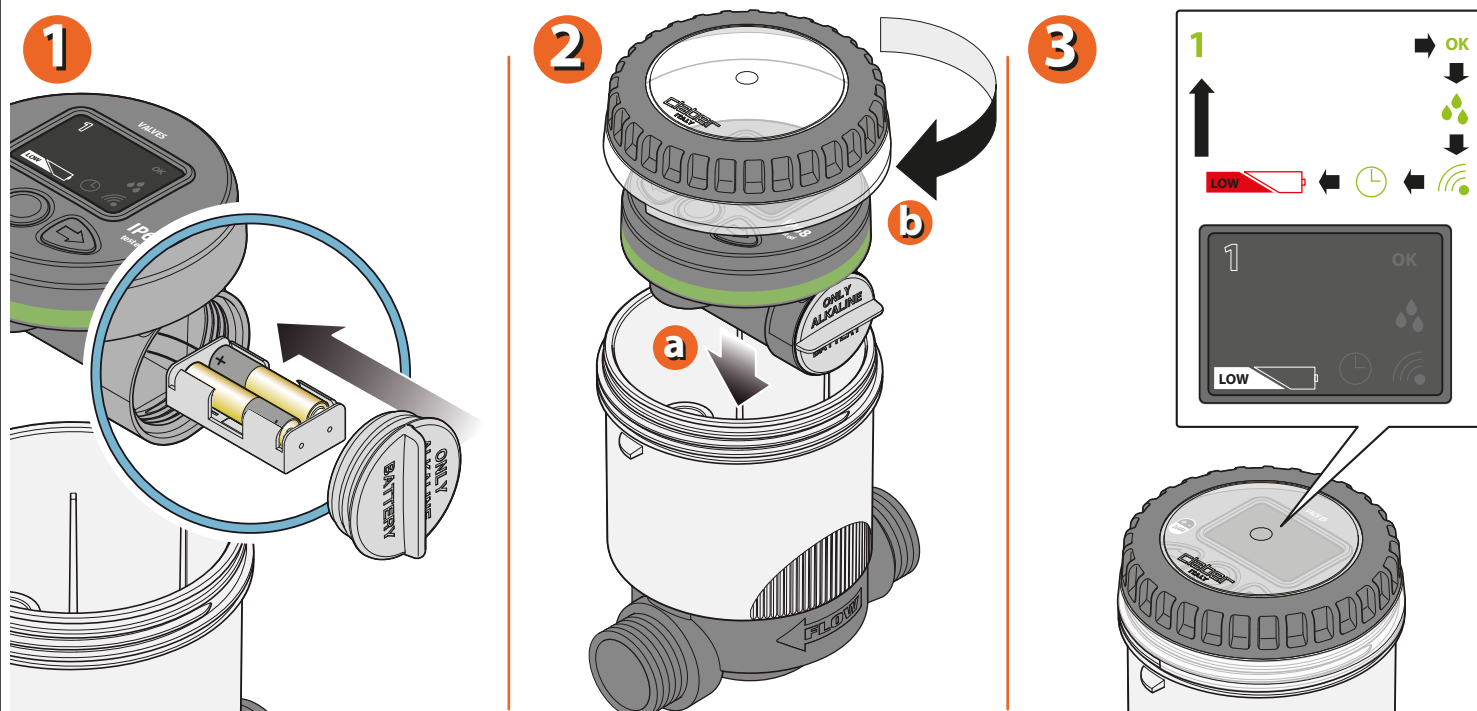


For Aqua-Radio Programmable solenoid valve (code): 90835

Replace the battery holder in the housing. Retighten the cap, checking that the seal is positioned correctly in its seat. Use only 2 new AAA 1.5V alkaline batteries.

Once the batteries are fitted, an initialization routine will start (display Leds light up in sequence, valves close in sequence).

Warning: 30 seconds after having fitted the batteries or pressed any button, the Leds on the panel will go out; to refresh the display, press any button.



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INSTALLING THE SOLENOID VALVE. The programmable solenoid valve is fully watertight and will function even when installed permanently under water at a depth of up to one metre (IP68 ingress protection). It can be installed in the open, or in an underground valve box, positioned either horizontally or vertically. To ensure the product remains watertight, make certain also that the control unit is aligned with and fully inserted in its seat, and that the transparent cover is securely screwed on, with the seal properly positioned in its seat.

Warning: be certain to install the programmable solenoid valve observing the water flow direction indicated by the arrow: "FLOW".

cod. 90524 Ø3/4"
cod. 90374 Ø1"

cod. 90524 Ø3/4"
cod. 90374 Ø1"



cod. 90918 Ø 3/4"
cod. 90917 Ø 1"

cod. 90380 Ø3/4" (19-25 mm) 25m
cod. 90385 Ø3/4" (19-25 mm) 50m
cod. 90390 Ø1" (25-32 mm) 25m
cod. 90395 Ø1" (25-32 mm) 50m

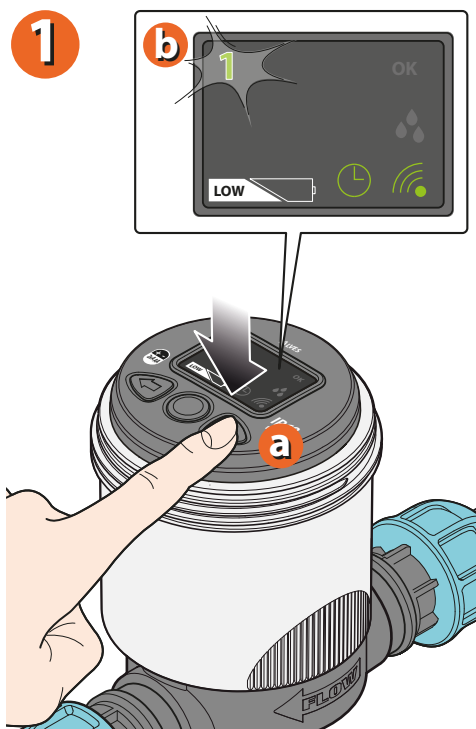
For Aqua-Radio Programmable solenoid valve (code): 90835

MANUAL ACTIVATION OF RF SOLENOID VALVE.

To activate the display, press any button.

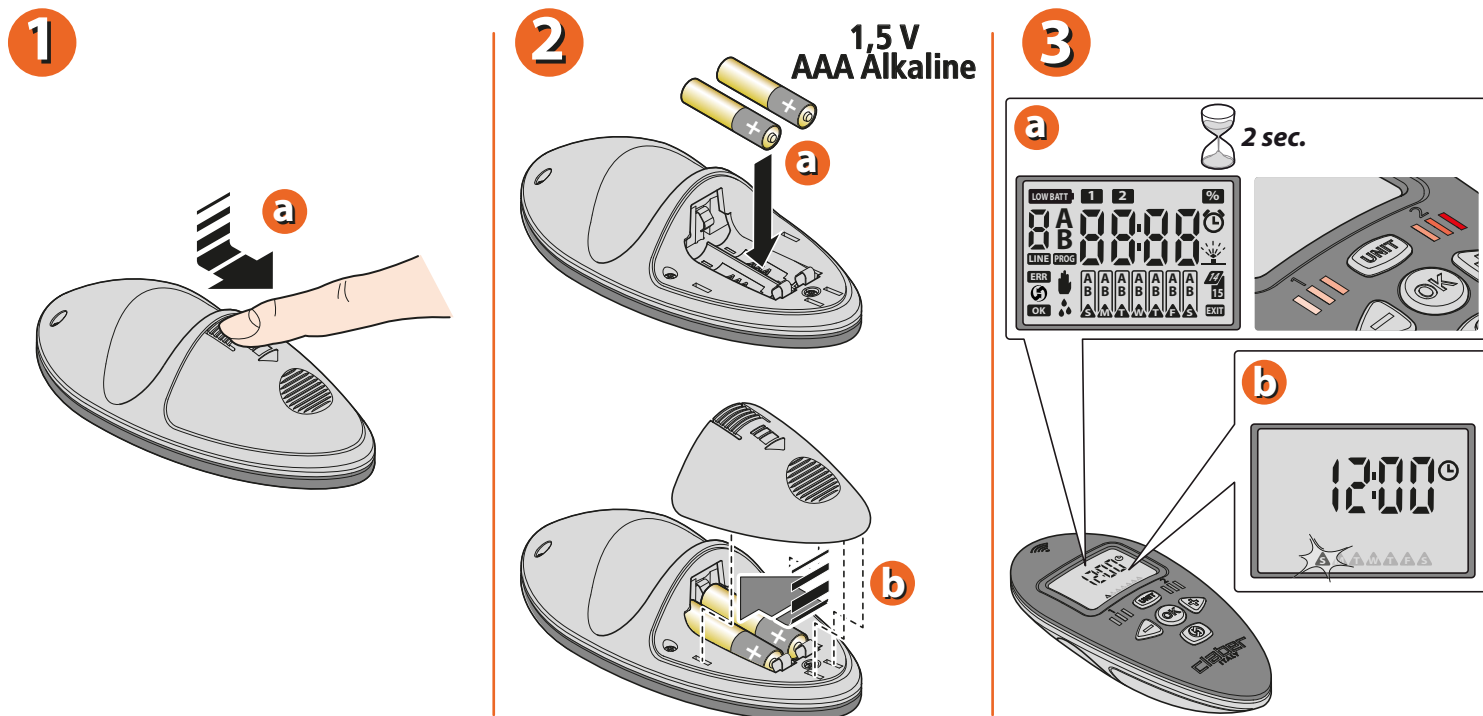
Select the line to be opened manually, using the   buttons. Number 1 will blink.

Press  to open the valve. Press  a second time to close the valve.



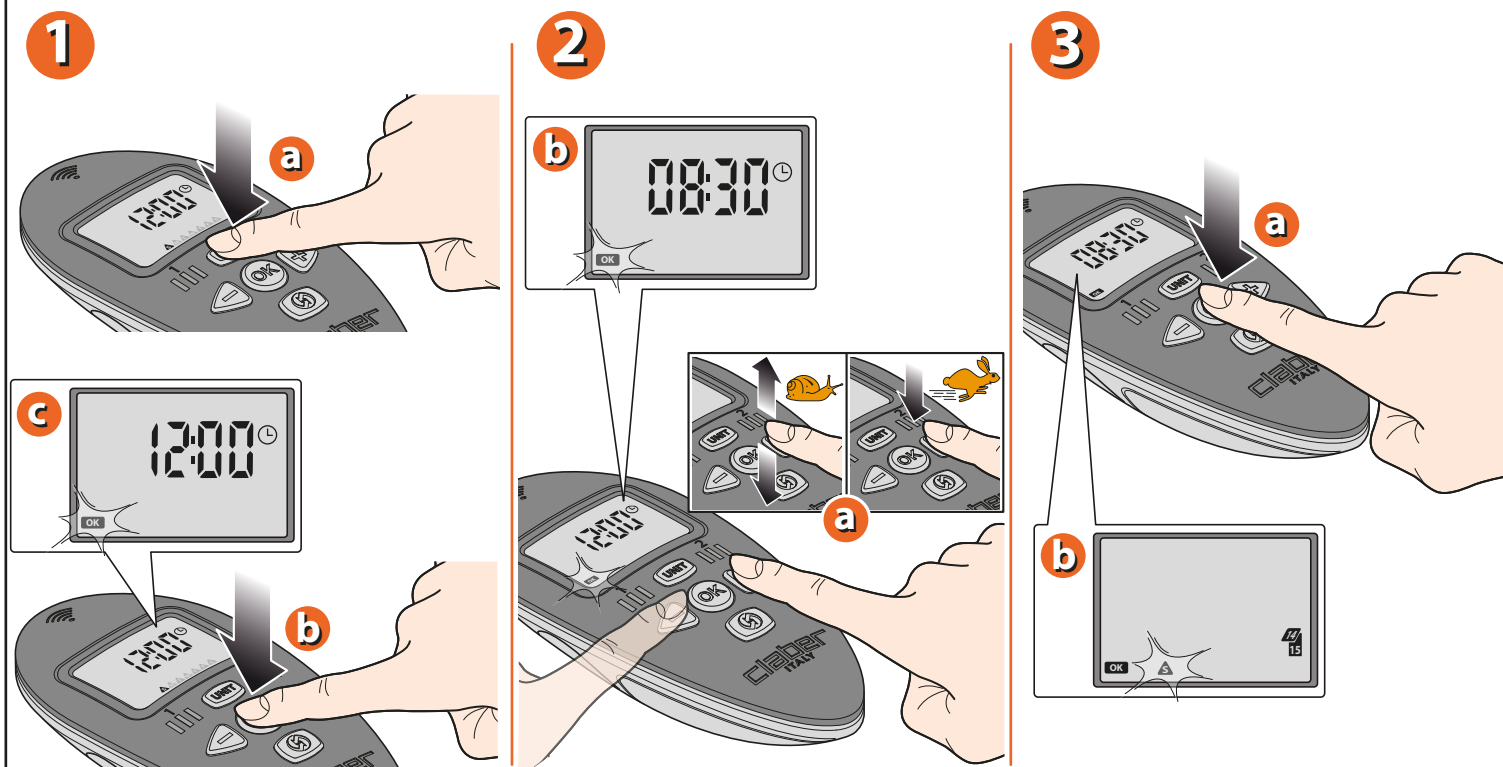
For Aqua-Radio Programmable solenoid valve (code): 90835

RADIO REMOTE CONTROL. FITTING THE BATTERIES. Remove the cover of the battery housing and fit the 2 batteries in the holder, observing the correct polarity; use only 2 new AAA 1.5V alkaline batteries. Reposition and close the cover of the battery housing. The first time that the batteries are fitted, the initial TIME/DAY page appears on the display, indicating 12:00 and S for Sunday.



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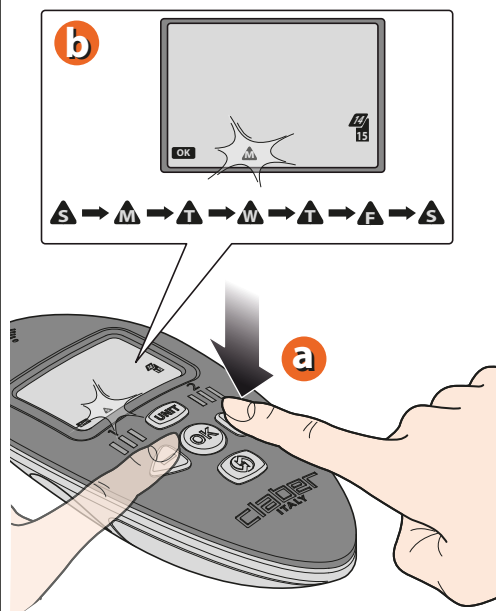
RADIO REMOTE CONTROL. SETTING THE TIME AND DAY. Press the **UNIT** button repeatedly to display the TIME/DAY page. To set the time, press **OK** — the OK symbol will blink — then proceed to set the required time (e.g. 08:30) using the **←** **→** buttons. Press **OK** to confirm the time, and the page for programming the day of the week will appear.



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RADIO REMOTE CONTROL. SETTING THE DAY OF THE WEEK. Use the buttons to select the day of the week: S=Sunday – M=Monday – T=Tuesday – W=Wednesday – T=Thursday – F=Friday – S=Saturday. To confirm and quit, press ; the main screen will appear with the current time and day blinking.

1



2



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CONNECTION OF REMOTE CONTROL WITH RF PROGRAMMABLE SOLENOID VALVE.

On the radio remote control select the unit to be connected; in this instance 1---- or 2----. After selecting the unit (for example "1"), the Leds will blink in red.

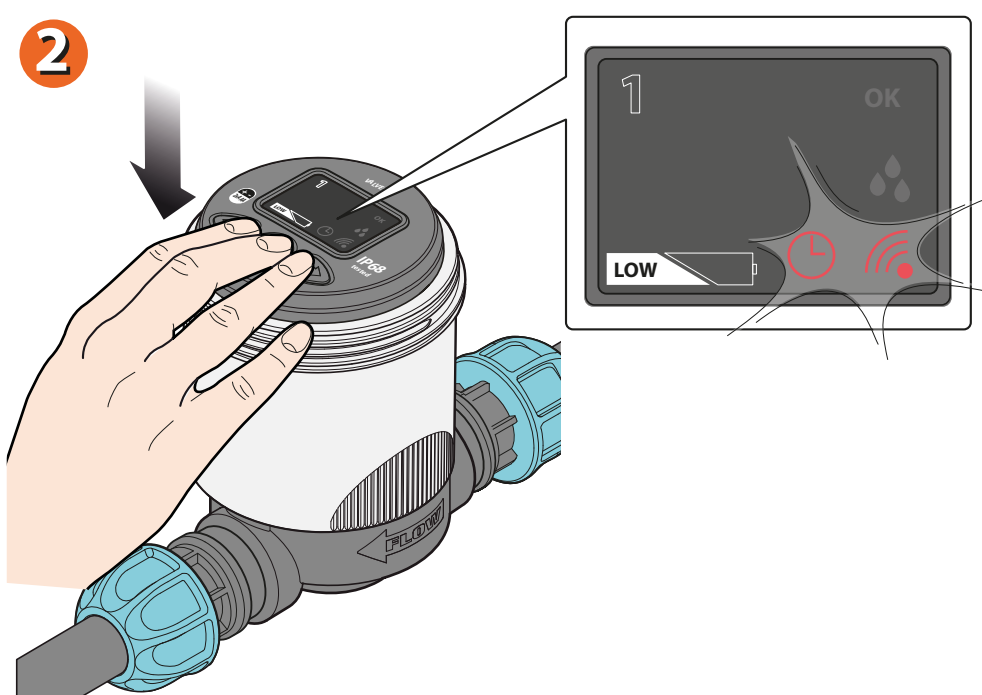
Press any button on the valve to light up the display.

Press the three buttons of the valve simultaneously, until they blink in red .



1

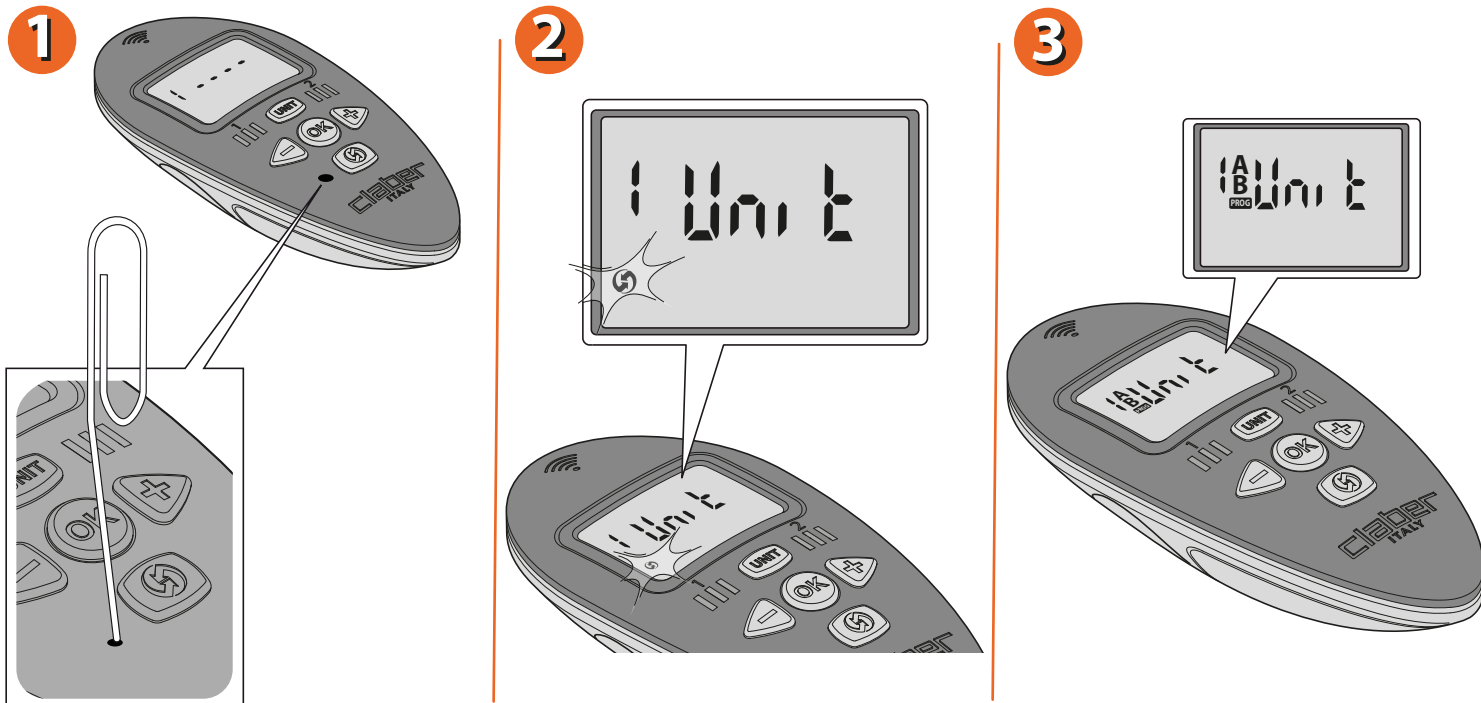


2







For Aqua-Radio Programmable solenoid valve (code): 90835

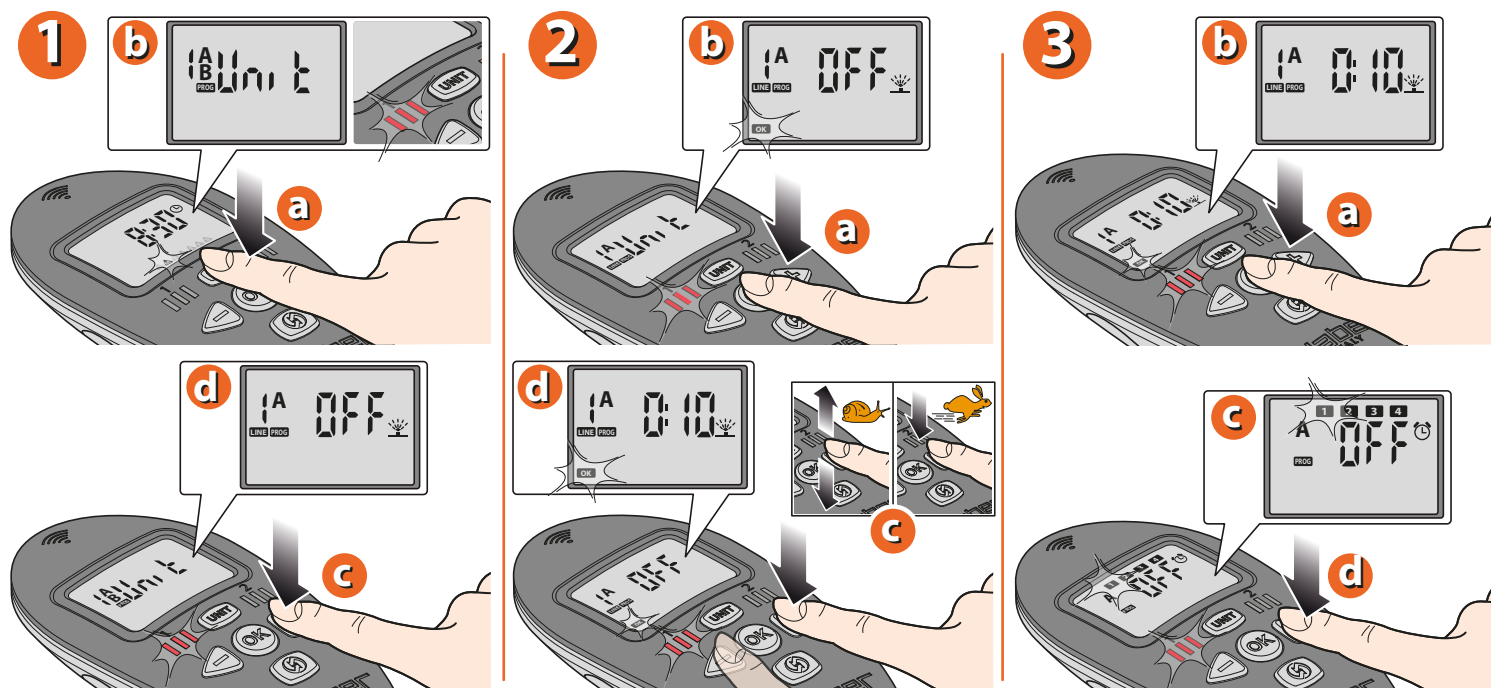
While the valve display keeps blinking, press the hidden button on the radio remote control with the tip of a paper clip. The display will start to blink and the symbol  will appear. The connection will be successfully completed when the message  appears on the remote control and the valve starts an initialization cycle (Leds light up in sequence, valves close in sequence).



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PROGRAMMING. Set the duration of the watering cycles (RUN TIME) for RF Unit 1.

On the TIME/DAY page, press the **UNIT** button: this activates the UNIT page and the red Leds on RF Unit 1 will blink. Press  to access the RUN TIME page. Press **OK** to set the run time (the OK symbol will blink): use the   buttons to set the minutes of watering (e.g.: 10 min.) (keeping the buttons pressed down, the numbers will scroll faster). Press **OK** to confirm the selected time. Press  to display the next programming page.



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PROGRAMMING. Set up to 4 START TIMES for the watering cycle programmed on RF Unit 1.

Press **OK** to set start time 1 — the n° 1 symbol remains permanently alight. Use the **←** **→** buttons to set start time n° 1 (e.g.: 21.00) (keeping the buttons pressed down, the numbers will scroll faster). Press **OK** to confirm the selected time. Press **→** to set the subsequent start times 2, 3, 4 and repeat the steps described above: start times can also be set to OFF, using the **←** **→** buttons, so as to skip the relative watering cycle if not required. Press **→** to display the next programming page.

1

b

a

d

c

2

b

a

3

b

a

c 2 → 3 → 4 repeat as for **1**

d for **B** repeat as for **A**

For Aqua-Radio Programmable solenoid valve (code): 90835

PROGRAMMING. Select the days of the week on which to activate the programmed watering cycles (WEEKLY SCHEDULE).

Press **OK** to access weekly programming (the S symbol blinks for Sunday). Press the **←** **→** button to cycle through the days of the week, which will blink when selected. Press the **OK** button repeatedly to skip watering on the day selected (in this example, Wednesday is skipped, W = WEDNESDAY). To quit, press the **←** **→** buttons so as to select EXIT; when EXIT starts blinking, press OK. Press **→** to display the next programming page.

1

b

a

d

c

2

b

a for 2

d

c for 4

3

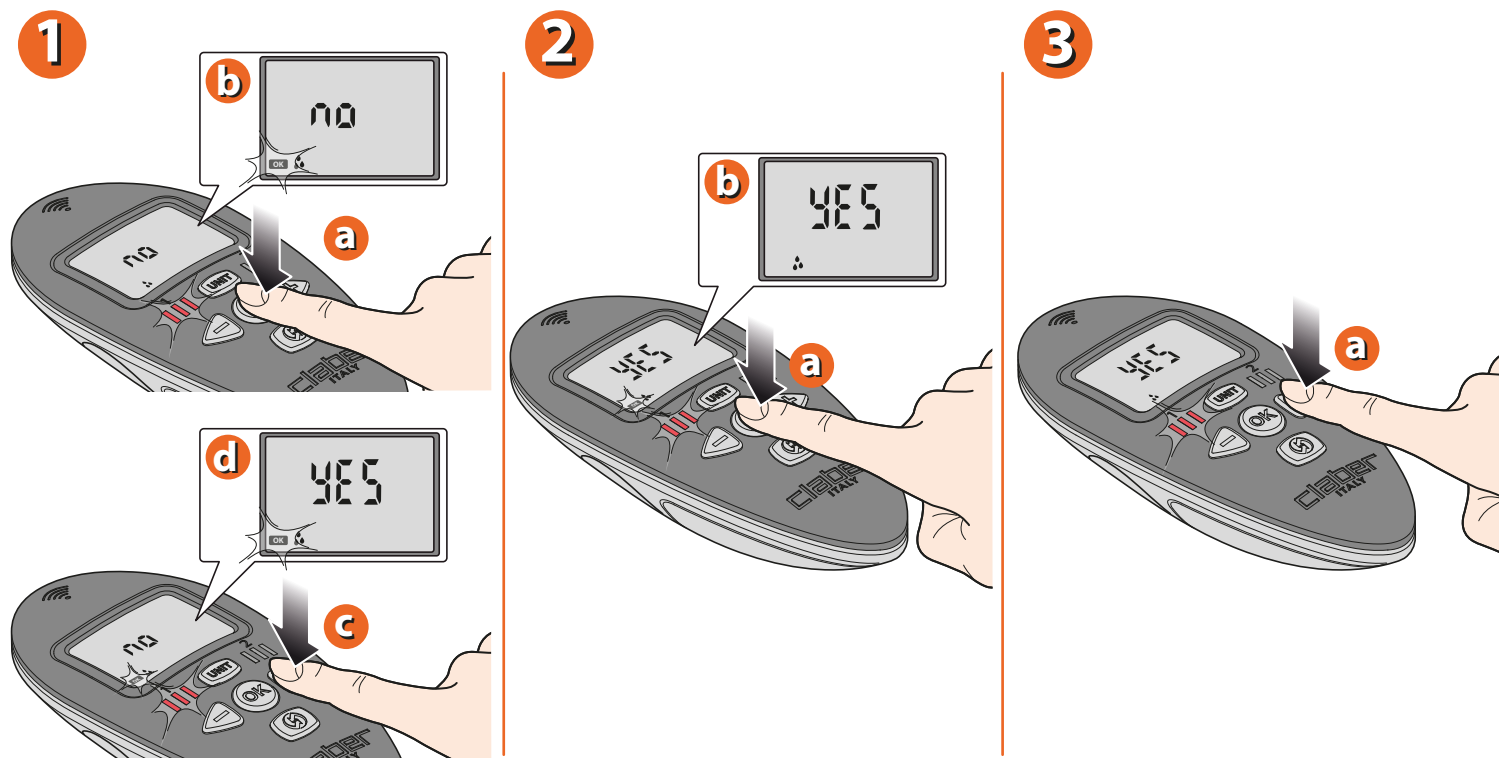
a

b

For Aqua-Radio Programmable solenoid valve (code): 90835

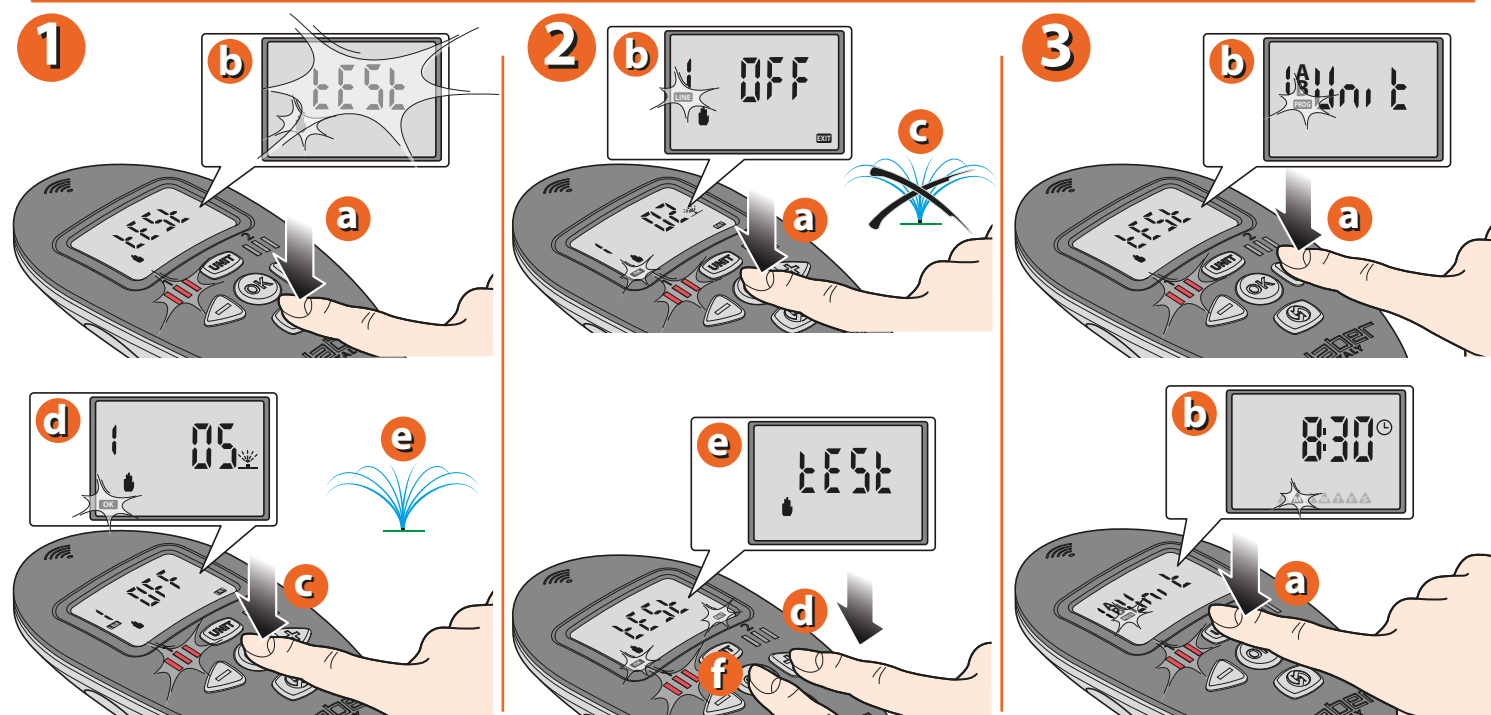
RAIN SENSOR.

Press the **OK** button to access activation/deactivation of the Rain Sensor; the OK message will blink. Pressing the **←** **→** buttons, the option can be toggled between YES (sensor activated) and NO (sensor deactivated). Press **OK** to confirm. Press the **→** button to display the next programming page.







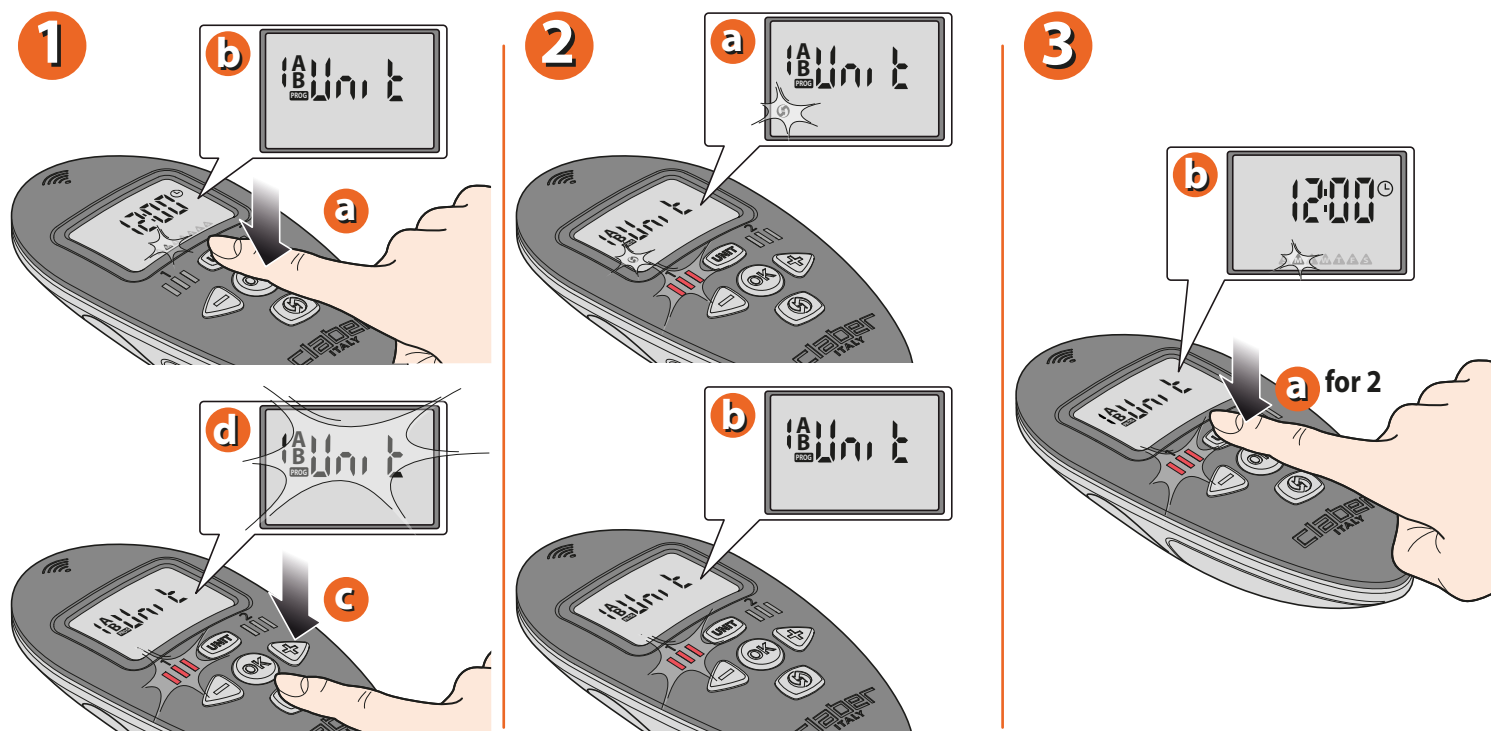
For Aqua-Radio Programmable solenoid valve (code): 90835

RADIO REMOTE CONTROL. TEST/MANUAL WATERING. Press the **Ⓢ** button to activate communication between remote control and RF programmable solenoid valve; the TEST message will blink briefly. The display shows line 1 and the message OFF; press **OK** to activate watering for a preset time of 5 minutes. Press **OK** a second time to stop watering before the end of the preset time. To quit the function, press **→** until the TEST message appears, then press **OK**. Press **→** to go back to the UNIT page. To go back to the TIME/DAY page, press the "UNIT" button twice.



For Aqua-Radio Programmable solenoid valve (code): 90835

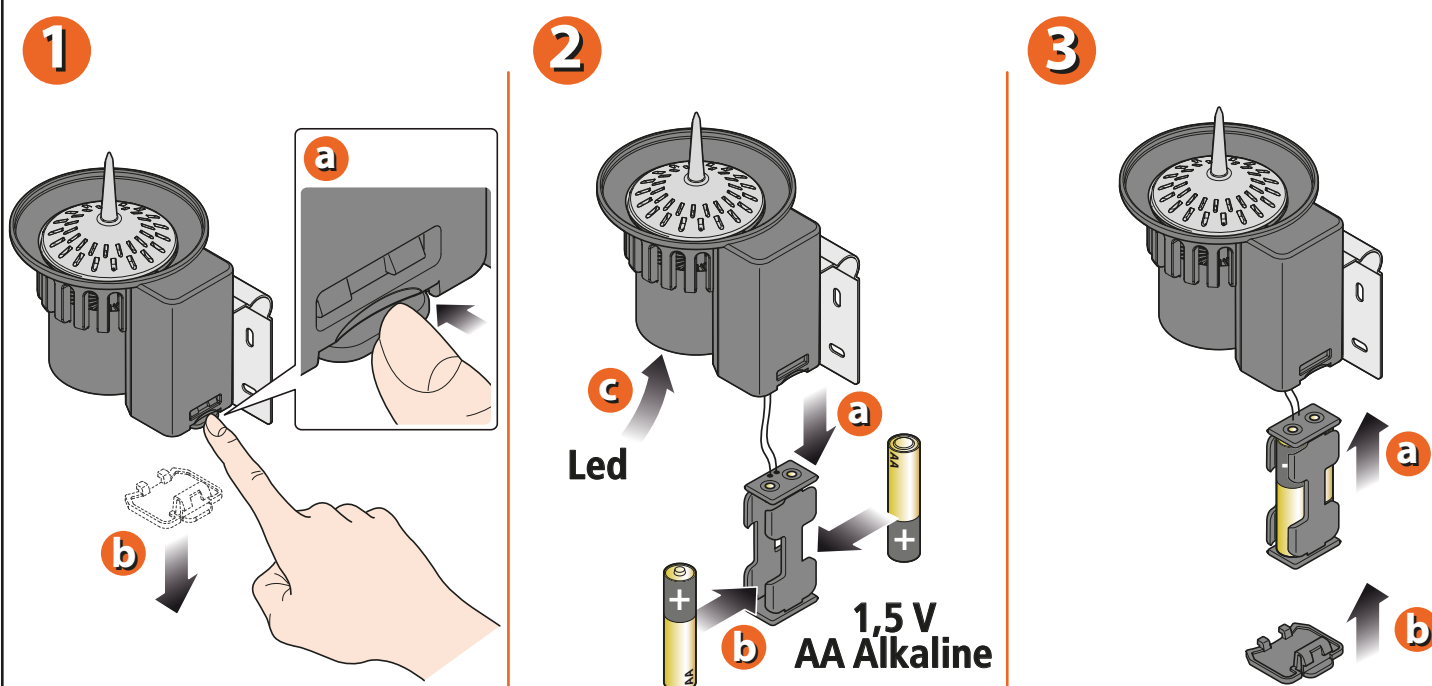
TRANSFER OF PROGRAMMING DATA TO THE SOLENOID VALVE. On the UNIT page, press the  button. The RF icon  will start blinking on the display of the remote control for few seconds, with the green reception signal blinking on the solenoid valve. The disappearance of the RF symbol  indicates that the update has been completed successfully, and the watering programmes will start automatically. In case that the ERR message appears on the remote control, bring the device closer to the the valve and repeat the operation described previously. To go back to the TIME/DAY page, press the  button twice.



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RF RAIN SENSOR. FITTING THE BATTERIES.

Fitting/replacement procedure: press on the tab firmly and pull downwards. Remove the cover of the battery housing, draw the battery holder out of the housing and fit the 2 batteries in the holder, observing the correct polarity. Reposition the battery holder in the housing and refit its cover.



For Aqua-Radio Programmable solenoid valve (code): 90835