



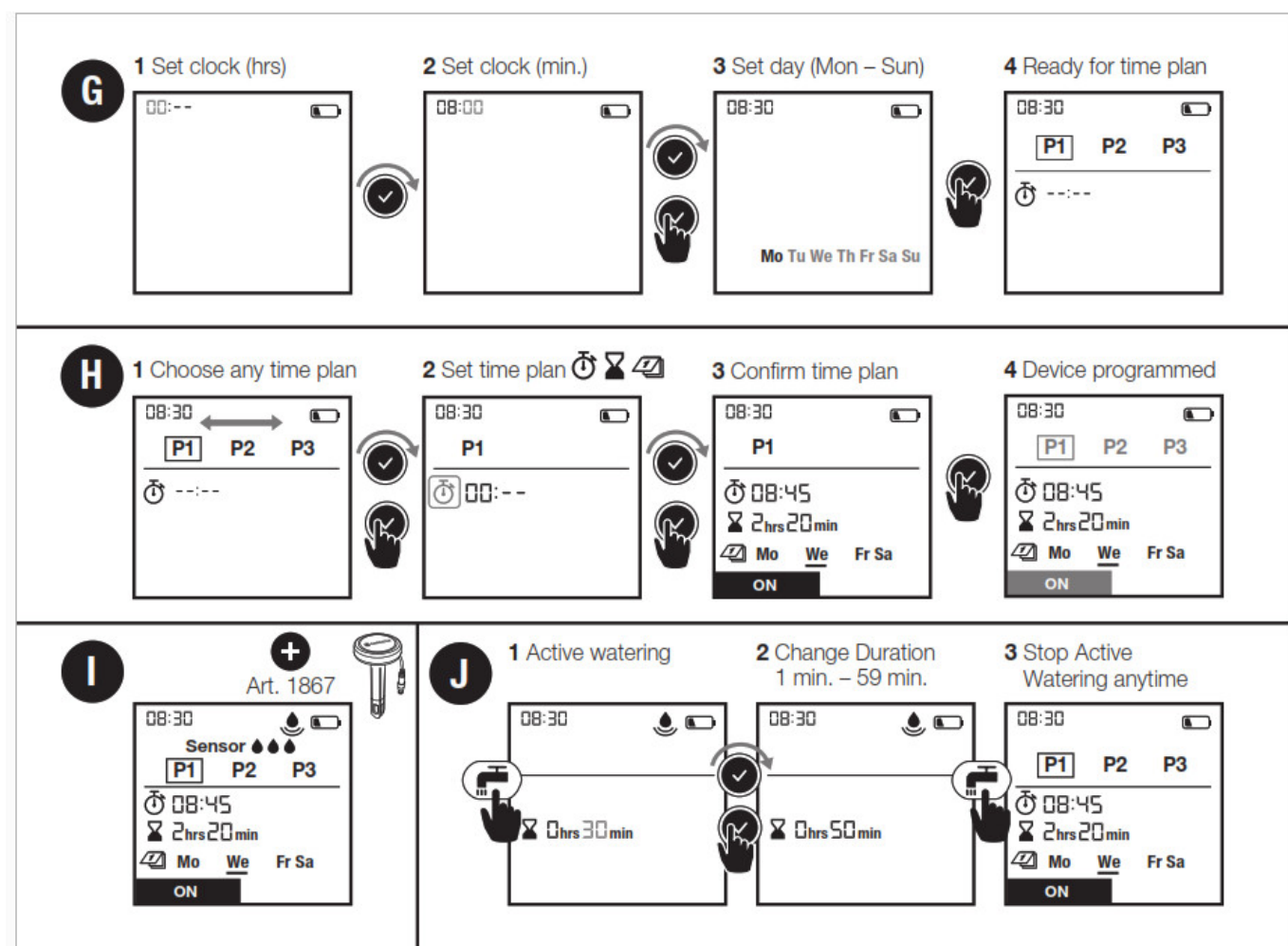
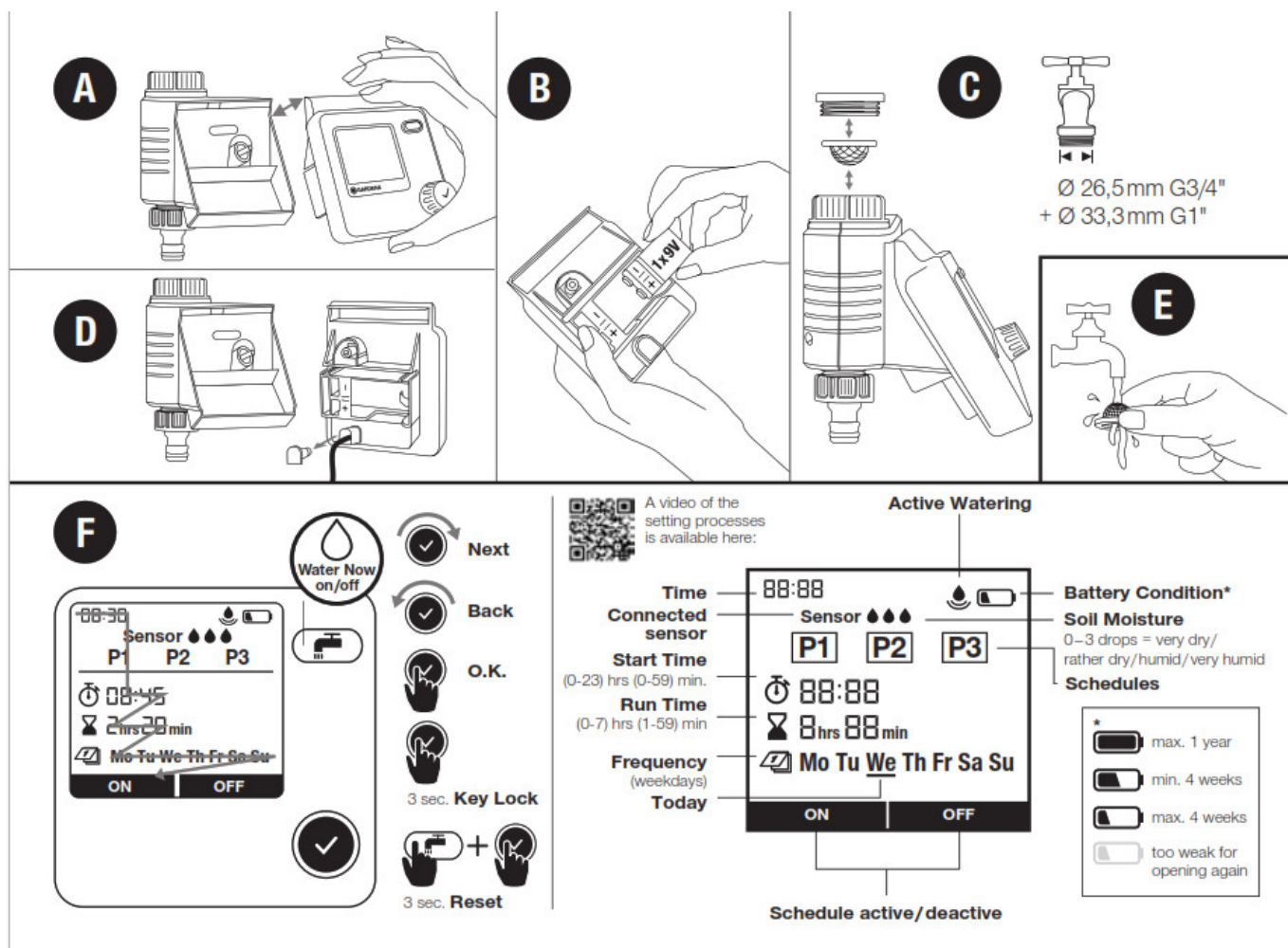
## GARDENA 1891 Water Control Select Timer User Manual

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Select Art. 1891  
Operator's manual  
Water Control





## GARDENA Water Control Select

### Translation of the original instructions.

For safety reasons, children and young people under 16 as well as anyone who is not familiar with these operating instructions should not use the product. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person. Children must be supervised to ensure that they do not play with the product. Never operate the product when you are tired, ill, or under the influence of alcohol, drugs, or medicine.

**Intended use:** The GARDENA Water Control is intended for private use in domestic and hobby gardens, exclusively for outdoor use, to control sprinklers and watering systems. The Water Control can be used for automatic watering during holidays. **DANGER!** The GARDENA Water Control must not be used for industrial purposes or in conjunction with chemicals, foodstuffs, easily flammable and explosive materials.

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## SAFETY

### Important!

Read the operator's manual carefully before use and keep it for future reference.

#### Battery:

To ensure the Water Control runs safely, only a 9V alkaline manganese battery (alkaline) type IEC 6LR61 must be used!

In order to stop the Water Control from failing because of a weak battery if you are away for a long time, the battery must be replaced when the battery symbol flashes.

#### Setting up:

The Water Control may only be set up vertically with the sleeve nut to the top to prevent water from penetrating into the battery compartment. The minimum water output to ensure that the Water Control functions correctly is 20 – 30 l/h. For example, at least 10 x 2-liter Drip Heads are required to control the Micro-Drip-System.

At high temperatures (over 70 °C at the display) the LCD display may extinguish. This does not affect the program in any way. When the computer cools down the LCD display illuminates again. The max. temperature for the water flow is 40 °C. Avoid tensile strain.

→ Do not pull the hose connected to the Water Control.



**CAUTION!** If the control section is removed when the valve is open, the valve remains open until the control section is reattached.



**DANGER! Cardiac arrest!**

This product makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill, we recommend persons with medical implants to speak with their physician and the medical implant manufacturer.

before you operate the product.



**DANGER!** Risk of suffocation! Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers. Keep toddlers away when you assemble the product.

## INITIAL OPERATION → (Fig. A – D)

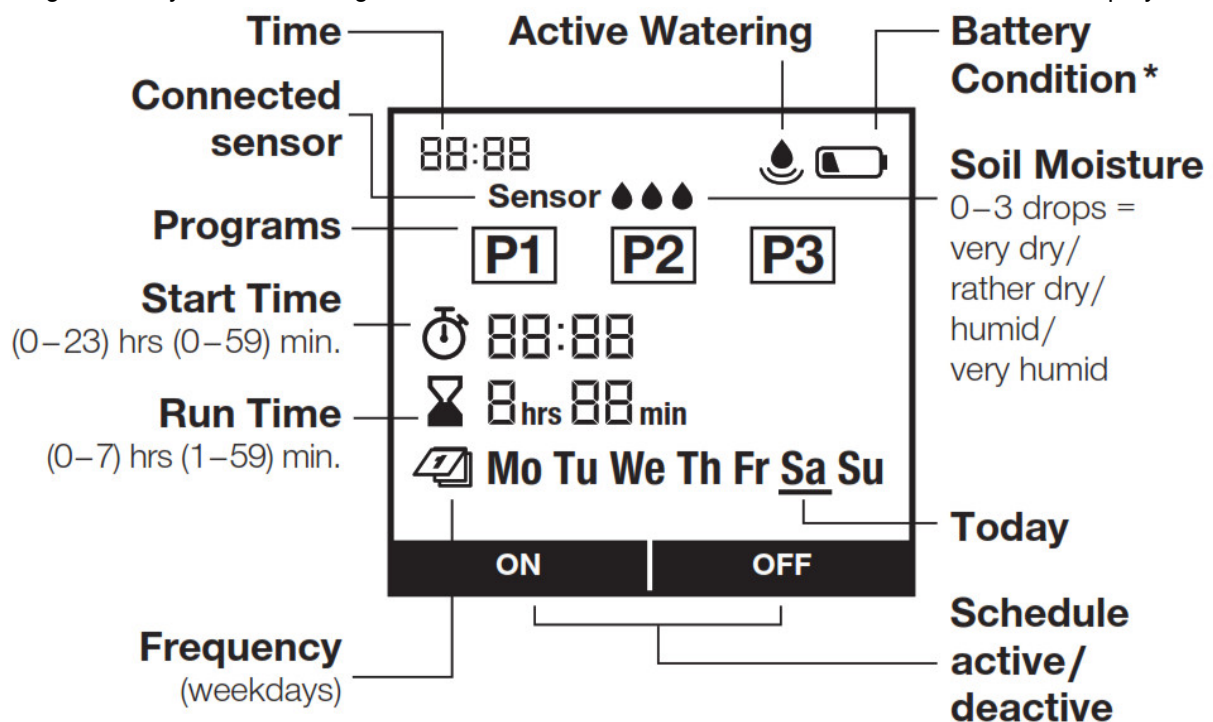
A video of the setting processes is available here:



<http://www.gardena.com/selectcontrol-video>

## FUNCTION → (Fig. F)

You can change the settings or move to the next setting by turning the knob. You can confirm the respective input by pressing the rotary knob. Pressing the knob for a minimum of 3 seconds locks or unlocks the display.



max. 1 year



min. 4 weeks



max. 4 weeks



too weak for opening again

If you will be away for long periods of time, please replace the battery when the battery symbol blinks – otherwise, the watering system may fail.

## PROGRAMMING → (Fig. G – J)

Fig. G: 1 Set time (hours) | 2 Set time (mins) | 3-day setting (Mon – Sun) | 4 Ready for schedule

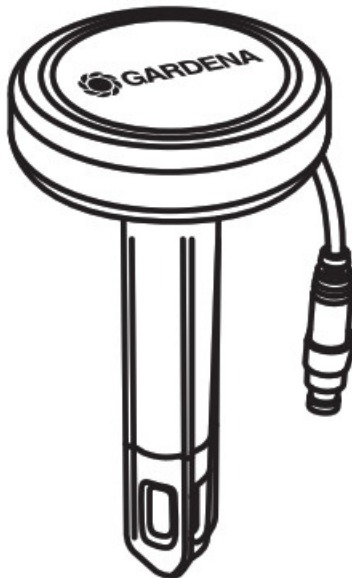
Fig. H: 1 Select schedule | 2 Set schedule | 3 Confirm schedule | 4 Device programmed P1, P2, P3 denotes

watering schedules. You can save up to 3 independent schedules. Irrigation days must be selected and confirmed individually. The current weekday will be underlined. By pressing On / Off, schedules can be activated or deactivated individually.

#### **Soil Moisture Sensor v (Fig. D and I):**

After a soil moisture sensor is connected, the word "Sensor" will be displayed – this can take up to 1 minute. Once the soil is sufficiently moist, a watering operation is interrupted or a schedule is disabled so that it cannot be activated. This does not affect active (manual) watering.

#### **Soil Moisture Sensor, Art.1867 (optionally available)**



##### **1. Connecting the sensor**

An operating point must then be defined.

This is the soil moisture level at or above which watering is not to be carried out (see GARDENA Soil Moisture Sensor Operating Instructions).

There are 3 levels to choose from.

- During normal operation, the currently measured level is displayed constantly.
- The switching point as of which the sensor signals that the soil is moist – thereby preventing watering – is selected via the number of levels.
- 0 dots for loamy soil
  - Sensor response when soil is quite dry.
- 3 dots for sandy soil
  - Sensor response when soil is very moist.


#### **Soil Moisture Sensor, Art. 1188, (optionally available, models up to 2020)**



The soil moisture level at which a watering will not be carried out as per the schedule can be set using the switching point controller on the soil moisture sensor (see GARDENA Soil Moisture Sensor Operator's manual).

Fig. J: 1 Active watering | 2. Change watering duration |

3. Stop active watering at any time

By pressing the  button, manual watering can be started or stopped at the desired time. A duration of between 1 minute and 59 minutes can be selected.

MAINTENANCE → (Fig. E)

STORAGE



To put into storage:

- The product must be stored away from children.
- To preserve the battery, it should be removed (fig. B).
- Store the controller and the valve unit in a dry, enclosed and frost-free place.



**Disposal:** (in accordance with RL2012/19/EC)

The product must not be disposed of to normal household waste. It must be disposed of in line with local environmental regulations.

IMPORTANT!




Dispose of the product through or via your municipal recycling collection center.

Disposal of the battery:

- Please return a flat battery to a GARDENA dealer or dispose of it properly at your nearest recycling center.

Dispose of the battery only when discharged.

TROUBLESHOOTING

Problem	Possible Cause	Remedy
No display appears	The battery is inserted incorrectly.	Check the polarity markings match (+ / –).
	The battery is flat.	Insert a new (alkaline) battery.
	The temperature on the display is higher than 70 °C.	The display appears after the temperature has dropped.
The display shows  when the button is activated	Buttons have been locked.	Press the  button for 3 seconds.
Manual watering is not possible using the  button	Low battery is continuously displayed.	Insert a new (alkaline) battery.
	The tap is turned off.	Turn the tap on.
	The controller is not connected.	Mount the controller on housing.

	A minimum pressure of 0.5 bar is not available.	Ensure a pressure of at least 0.5 bar.
Watering program is not being undertaken (no watering)	Program entry/modification during or just before the start pulse.	Make program entry/modification outside The programmed start times.
	Valve was opened manually previously.	Avoid possible program overlaps.
	Tap is turned off.	Turn the tap on.
	Soil moisture or rain sensor registers damp.	If dry, check the setting/location of the soil moisture/rain sensor.
	The controller is not connected.	Mount the controller on housing.
	Low battery is continuously displayed.	Insert a new (alkaline) battery.
Watering program is not being undertaken (no watering)	The tap is turned off.	Ensure a pressure of at least 0.5 bar.
Water Control does not close	The minimum quantity of water drawn is less than 20 l/h.	Connect more drip heads.
	Valve soiled.	Flush in the opposite direction to the normal flow direction.



**NOTE:** For any other malfunctions please contact the GARDENA service department.  
Repairs must only be done by GARDENA service departments or specialist dealers approved by GARDENA.

## TECHNICAL DATA



Water Control	Value / Unit
Min. / max. operating pressure	0.5 bar / 12 bar
Operating temperature range	5 °C to 50 °C
Flow medium	Clear freshwater
Max. liquid temperature	40 °C
Program-controlled watering sequences per day	3

Program- controlled watering sequences per week	max. 21
Watering duration	3 x 1 min. – 7 hrs 59 min.
Battery required	1 x 9V alkaline manganese Typ IEC 6LR61
Operating time of the battery	approx. 1 year

## ACCESSORIES

GARDENA Soil Moisture Sensor	Art. 1867
GARDENA Anti-theft device	Art. 1815-00.791.00 from the GARDENA Service

## SERVICE / WARRANTY

Service: Please contact the address on the back page. Warranty Statement:

In the event of a warranty claim, no charge is levied to you for the services provided. GARDENA Manufacturing GmbH grants a warranty for all original GARDENA new products for two years from the date of original purchase from the retailer, provided that the devices have been for private use only. This manufacturer's warranty does not apply to products acquired second-hand. This warranty includes all significant defects of the product that can be proved to be material or manufacturing faults. This warranty is fulfilled by supplying a fully functional replacement product or by repairing the faulty product sent to us free of charge; we reserve the right to choose between these options. This service is subject to the following provisions:

- The product has been used for its intended purpose as per the recommendations in the operating instructions.
- Neither the purchaser nor a third party has attempted to open or repair the product.
- Only Original GARDENA replacement parts and wear parts have been used for operation.
- Presentation of the receipt.

Normal wear and tear of parts and components (such as blades, blade fixing parts, turbines, light bulbs, V-belts / toothed belts, impellers, air filters, spark plugs), visual changes, wear parts, and consumables are excluded from the warranty.

This manufacturer's warranty is limited to the replacement and repair of products in accordance with the abovementioned conditions. The manufacturer's warranty does not constitute an entitlement to lodge other claims against us as a manufacturer, such as for damages. This manufacturer's warranty does not, of course, affect statutory and contractual warranty claims against the dealer/retailer.

The manufacturer's warranty is governed by the law of the Federal Republic of Germany. In case of a warranty claim, please return the faulty product, together with a copy of the receipt and a description of the fault, with postage paid to the service address.

### Consumables:



Faults which occur as a result of incorrectly installed or leaking batteries are not covered by the guarantee. Damage caused by frost is not covered by the warranty.

#### **Product liability**

In accordance with the German Product Liability Act, we hereby expressly declare that we accept no liability for damage incurred from our products where said products have not been properly repaired by a GARDENA-approved service partner or where original GARDENA parts or parts authorized by GARDENA were not used.

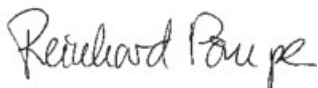
#### **EC Declaration of Conformity**

The undersigned hereby certifies as the authorized representative of the manufacturer, GARDENA Germany AB, PO Box 7454, S-103 92, Stockholm, Sweden, that, when leaving our factory, the unit(s) indicated below is/are in accordance with the harmonized EU guidelines, EU standards of safety and product-specific standards. This certificate becomes void if the unit(s) is/are modified without our approval.

Description of the product:	Water Control
Product type:	Article number:
Select	1891
EC-Directives: 2014/30/EU 2011/65/EC	Hinterlegte Dokumentation: GARDENA Technische Dokumentation, M. Kugler, 89079 Ulm Deposited Documentation: GARDENA Technical Documentation, M. Kugler, 89079 Ulm Documentation technique GARDENA, M. Kugler, 89079 Ulm

Ulm, 02.03.2020

Authorized representative



#### **Reinhard Pompe**

Vice President

#### **Germany**

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Reparaturen: (+49) 731 490-290



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<http://www.gardena.com>



1891-28.960.04/1220

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References

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