

WT 1030
Art. 1825

- E** **Manual de instrucciones**
Temporizador de riego electrónico

- P** **Instruções de utilização**
Relógio electrónico de Rega

- D** **Gebrauchsanweisung**
Bewässerungsuhr electronic

- GB** **Operating Instructions**
Water Timer Electronic

- PL** **Instrukcja obsługi**
Elektroniczny sterownik nawadniania

GARDENA Water Timer electronic WT 1030

Welcome to the Garden of GARDENA...



Please read these operating instructions carefully and observe the notes given. Use these instructions to familiarise yourself with the Water Timer electronic and its proper use as well as the notes on safety.



For safety reasons, children and young people under 16 as well as anyone who is not familiar with these operating instructions may not use the Water Timer.

→ Please keep these operating instructions in a safe place.

Contents

1. Where to Use Your GARDENA Water Timer	46
2. For Your Safety	46
3. Function	48
4. Putting Your Water Timer into Operation	49
5. Operating Your Water Timer	51
6. Trouble-Shooting	55
7. Putting Your Water Timer Out of Operation	56
8. Technical Data	56
9. Service	57

1. Where to Use Your GARDENA Water Timer

Intended use

The GARDENA Water Timer is intended for private use in domestic and hobby gardens, exclusively for outdoor use, to control sprinklers and watering systems.

Please note



The GARDENA Water Timer must not be used for industrial purposes or in conjunction with chemicals, foodstuffs, easily flammable and explosive materials.

2. For Your Safety

Use:

Warning!

→ **Only use the Water Timer outdoors.**

The water timer is not approved for indoor use.

The minimum operating pressure is 1 bar, the maximum operating pressure is 12 bar. The minimum flow rate is 20 l/h.

→ Check the filter in the sleeve nut regularly and clean if necessary.

→ Do not pull the hose connected to the Water Timer and avoid tensile strain.

Battery:

For functional safety reasons, only use a 9 V alkali-manganese (alkaline) battery type IEC 6LR61.

The Water Timer will only run for approx. 1 year if the new alkaline battery has a nominal voltage of at least 9 V.

→ Check the battery before you buy it.

Putting your Water Timer into operation:

To prevent water entering the battery compartment, the Water Timer must only be mounted in a perpendicular position with the sleeve nut pointing upwards.

After you have selected the watering program, the Water Timer opens at the selected starting time. To avoid getting wet when operating the Water Timer, connect the hose or turn off the tap before selecting the program. Alternatively, the control unit can be removed for programming.

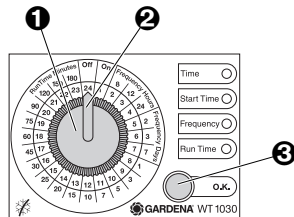
Water flow:

The max. temperature for the water is 40 °C.

→ Only use clear fresh water.

3. Function

Control knob and OK button:



- ① Control knob
- ② Control knob pointer
- ③ OK button

Battery status display:

The GARDENA Water Timer electronic allows you to set different watering cycles for different watering times independent of whether you are using a sprinkler, a sprinkler system installation or drip-head watering system to irrigate your garden.

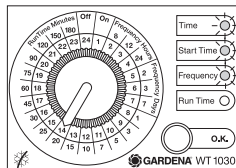
Your Water Timer electronic will water your garden completely automatically according to the program you choose. You can set the timer to water your garden early in the morning or late at night when water evaporates the least, or while you are away on holiday.

You simply program the time (to the nearest hour), watering starting time / duration and cycle by turning the pointer ② of the control knob ① to the correct time and pressing the OK button ③.

The Water Timer opens at the starting time you have selected.

The 3 LEDs **Time**, **Start Time** and **Frequency** flash to indicate that the battery is flat.

→ Replace the battery
(see 4. Operation “Inserting the Battery”).

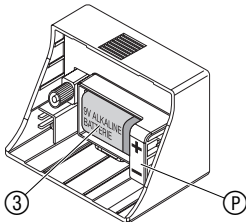
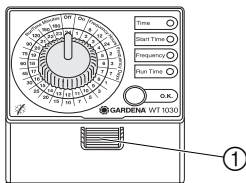


The functional safety of the water timer depends on the capability of the battery.

If you change the battery the program is not saved. You must reprogram the Water Timer (see 5. Operation).

4. Putting Your Water Timer into Operation

Inserting the battery:



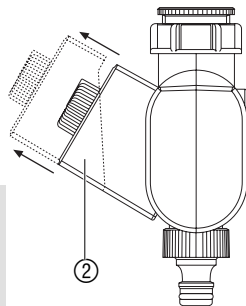
1. Press the release button ① and remove the control unit ② from the housing of the Water Timer.

2. Insert the battery ③ in the battery compartment.

Pay attention to the polarity P (+/- markings).

3. Re-attach the control unit ② to the housing.

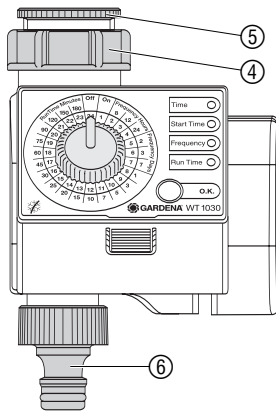
Make sure you exchange the battery at the right time to prevent the Water Timer failing due to a low battery when you are away for longer periods of time.



Make sure that the time the battery has been in operation and the time you are planning to be away does not add up to more than a year.

Even if the battery is almost empty, the Water Timer ensures that an open valve is always closed since less energy is required to close the valve than to open it.

Connecting your Water Timer:



The Water Timer is fitted with a sleeve nut ④ for taps with a 33.3 mm (G1") thread. The adapter supplied ⑤ allows the Water Timer to be connected to taps with a 26.5 mm (G $\frac{3}{4}$ ") thread.

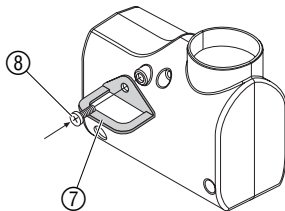
Connecting the Water Timer to taps with a 33.3 mm (G1") thread:

1. Screw the sleeve nut ④ of the Water Timer onto the thread of the tap by hand (do not use pliers).
2. Screw the threaded tap connector ⑥ onto the Water Timer.

Connecting the Water Timer to taps with a 26.5 mm (G $\frac{3}{4}$ ") thread:

1. Screw the adapter ⑤ onto the tap by hand (do not use pliers).
2. Screw the sleeve nut ④ of the Water Timer onto the thread of the adapter ⑤ by hand (do not use pliers).
3. Screw the threaded tap connector ⑥ onto the Water Timer.

Installing the anti-theft protection (optional):



To protect your Water Timer against theft, the **GARDENA Anti-Theft Protection Art. No. 1815-00.791.00** is available from the GARDENA Service.

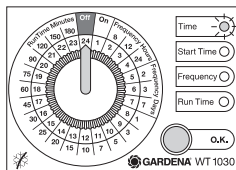
1. Fasten the bracket (7) to the back of the Water Timer using the screw (8).
2. The bracket can be used to attach a chain, for example.

The screw cannot be loosened once it has been screwed in.

5. Operation

Setting the watering program:

The Water Timer control unit (2) can be removed. This allows you to set the watering program somewhere other than where the Water Timer is to be used.



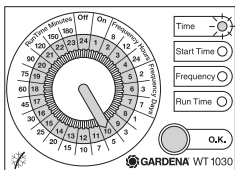
1.

The time of day and watering starting time are entered to the nearest hour.

1. Turn the control knob to **OFF** and confirm by pressing the **OK button**.
The program stored in the memory is overwritten.

The Time LED flashes.

2.

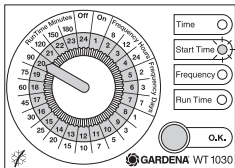


Setting the time of day:

- Set the time on the **inner light-grey scale** by turning the control knob and confirm the time you have selected by pressing the **OK button** (e.g.: 10:00 am).

*The **Start Time** LED flashes.*

3.

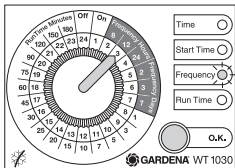


Setting the watering starting time:

- Set the watering starting time on the **inner light-grey scale** by turning the control knob and confirm the time you have selected by pressing the **OK button** (e.g.: 20:00).

*The **Frequency** LED flashes.*

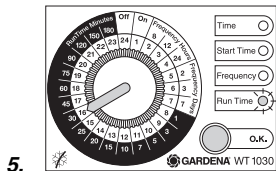
4.



Setting the Watering Cycle:

- Set the watering cycle on the **outer grey scale** (Frequency Hours / Days) using the control knob and confirm your selection by pressing the **OK button** (e.g.: 12 hour cycle).

*The **Run Time** LED flashes.*

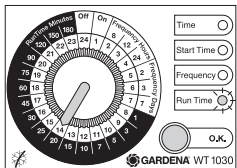


Setting the Watering Time:

- Set the watering time on the **outer black scale** (Run Time Minutes) using the control knob and confirm your selection by pressing the **OK button** (e.g.: **30 minutes**).

The program you have selected is now active.

Changing the watering time:

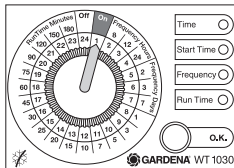


On hot or cooler days you can change the watering time before the program starts without having to re-enter the time of day, watering starting time or watering cycle.

- Select the changed watering time on the **outer black scale** (Run Time Minutes) by turning the control knob. (e.g.: **20 minutes**). *The Run Time LED flashes.*
- Confirm the watering time you have selected by pressing the **OK button**.

The changed watering time is now active.

Manual watering (ON):



On especially hot days the programmed watering cycle is sometimes insufficient. You can then turn on your sprinkler or irrigation system manually.

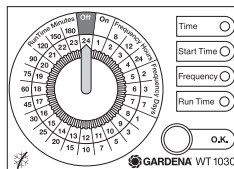
The program you have set remains unchanged.

→ Turn the control knob to **ON**.

The valve opens for 30 minutes independent of the set program.

To activate the set program again, you must reset the watering time to the time originally set.

Bad-weather function (OFF):



On rainy days the programmed watering cycle is often unnecessary. You can therefore stop the programmed watering cycle (bad-weather function).

The program you have set remains unchanged.

→ Turn the control knob to **OFF**.

The valve closes and remains closed, independent of the watering cycle you have set.

To reactivate the set program, you must first reset the watering time.

6. Trouble-Shooting

Fault	Possible cause	Remedy
Not able to open the Water Timer manually using “ON/OFF”.	Battery capacity too low (3 LEDs flash).	→ Insert a new alkaline battery.
	Tap turned off.	→ Turn on tap.
Watering not initiated.	Control knob turned to “Frequency” or “ON/OFF”.	→ Turn the control knob to “Run Time Minutes”.
	Battery capacity too low (3 LEDs flash).	→ Insert a new alkaline battery.
	Data input/changes made while the program was starting or immediately before.	→ Input data or make changes before or after the starting times you have chosen.
	Tap turned off.	→ Turn on tap.
Battery flat after working for a short time.	The battery you inserted is not an alkaline battery.	→ Use an alkaline battery.

If you have any other problems with your Water Timer, please contact GARDENA Service.

7. Putting Your Water Timer Out of Operation

Disposing of flat batteries:

→ Please return flat batteries to a GARDENA dealer or dispose of them properly at your nearest recycling centre.

Only dispose of batteries when they are flat.

Storage/Wintering:

→ Store your Water Timer in a dry place away from frost before the first frost sets in.

Disposal:

(in accordance with
RL2002/96/EC)



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

8. Technical Data

Min./max. operating pressure:	1 bar / 12 bar
Minimum flow rate:	20 l/h
Flow medium:	Clean fresh water
Max. water temperature:	40 °C
Number of program-controlled watering cycles per day:	Up to 3
Watering cycles per week:	Every day, every 2nd, 3rd or 7th day
Watering time per program:	1, 3, 5, 7, 10, 15, 20, 25, 30, 45, 60, 75, 90, 120, 150 or 180 minutes

Battery:	1 x 9 V alkali-manganese (alkaline) type IEC 6LR61
Running time:	Approx. 1 year

9. Service

Warranty

GARDENA guarantees this product for 2 years (from date of purchase). This guarantee covers all serious defects of the unit that can be proved to be material or manufacturing faults.

Under warranty we will either replace the unit or repair it free of charge if the following conditions apply:

- The unit must have been handled properly and in keeping with the requirements of the operating instructions.
- Neither the purchaser or a non-authorized third party have attempted to repair the unit.
- 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.

This manufacturer's guarantee does not affect the user's existing warranty claims against the dealer/seller.

If you have any problems with your Water Timer, please contact our Customer Service or return the defective unit together with a short description of the problem directly to one of the GARDENA Service Centres listed on the back of this leaflet.

E **Responsabilidad de productos**

Advertimos que conforme a la ley de responsabilidad de productos no nos responsabilizamos de daños causados por nuestros aparatos, siempre y cuando dichos daños hayan sido originados por arreglos o reparaciones indebidas, por recambios con piezas que no sean piezas originales GARDENA o bien piezas autorizadas por nosotros, así como en aquellos casos en que la reparación no haya sido efectuada por un Servicio Técnico GARDENA o por un técnico autorizado. Lo mismo es aplicable para las piezas complementarias y accesorios.

P **Responsabilidade sobre o produto**

Queremos salientar que segundo a lei da responsabilidade do fabricante, nós não nos responsabilizaremos por danos causados pelo nosso equipamento, quando estes ocorrerem em decorrência de reparações inadequadas ou da substituição de peças por peças não originais da GARDENA, ou peças não autorizadas. A responsabilidade tornar-se-à nula também depois de reparações realizadas por oficinas não autorizadas pela mbém depois de reparações realizadas por oficinas não autorizadas pela GARDENA. Esta restrição valerá também para peças adicionais e acessórios.

D **Produkthaftung**

Wir weisen ausdrücklich darauf hin, dass wir nach dem Produkthaftungsgesetz nicht für durch unsere Geräte hervorgerufene Schäden einzustehen haben, sofern diese durch unsachgemäße Reparatur verursacht oder bei einem Teileaustausch nicht unsere Original GARDENA Teile oder von uns freigegebene Teile verwendet werden und die Reparatur nicht vom GARDENA Service oder dem autorisierten Fachmann durchgeführt wird. Entsprechendes gilt für Ergänzungssteile und Zubehör.

GB **Product Liability**

We expressly point out that, in accordance with the product liability law, we are not liable for any damage caused by our units if it is due to improper repair or if parts exchanged are not original GARDENA parts or parts approved by us, and, if the repairs were not carried out by a GARDENA Service Centre or an authorised specialist. The same applies to spare parts and accessories.

PL **Odpowiedzialność za produkt**

Zwracamy Państwa uwagę na fakt, iż nie odpowiadamy za szkody wyrządzone przez nasze urządzenia, jeżeli powstały one na skutek nieodpowiedniej naprawy albo zastosowania podczas wymiany nieoryginalnych części GARDENA lub części nie polecanych przez nas oraz jeżeli naprawa nie została dokonana przez serwis GARDENA lub autoryzowanego fachowca. Podobne ustalenia obowiązują w przypadku części uzupełniających lub osprzętu.

E **Declaración de conformidad de la UE**

El que suscribe GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, declara que la presente mercancía, objeto de la presente declaración, cumple con todas las normas de la UE, en lo que a normas técnicas, de homologación y de seguridad se refiere. En caso de realizar cualquier modificación en la presente mercancía sin nuestra previa autorización, esta declaración pierde su validez.

P **Certificado de conformidade da UE**

Os abaixo mencionados GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, por este meio certificam que ao sair da fábrica o aparelho abaixo mencionado está de acordo com as directrizes harmonizadas da UE, padrões de segurança e de produtos específicos. Este certificado ficará nulo se a unidade for modificada sem a nossa aprovação.

D **EU-Konformitätserklärung Maschinenverordnung (9. GSGVO) / EMVG / Niedersp. RL**

Der Unterzeichnete GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, bestätigt, dass das nachfolgend bezeichnete Gerät in der von uns in Verkehr gebrachten Ausführung die Anforderungen der harmonisierten EU-Richtlinien, EU-Sicherheitsstandards und produktspezifischen Standards erfüllt. Bei einer nicht mit uns abgestimmten Änderung des Gerätes verliert diese Erklärung ihre Gültigkeit.

GB **EU Certificate of Conformity**

The undersigned GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, hereby certifies that, when leaving our factory, the unit indicated below is in accordance with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the unit is modified without our approval.

PL Deklaracja zgodności Unii Europejskiej

Niżej podpisany GARDENA Manufacturing GmbH, Hans-Lorensenstr. 40, D-89079 Ulm, potwierdza, że poniżej opisane urządzenie w wykonaniu wprowadzonym przez nas do obrotu spełnia wymogi zharmonizowanych wytycznych Unii Europejskiej, standardów bezpieczeństwa Unii Europejskiej i standardów specyficznych dla danego produktu. W przypadku wprowadzenia zmian nie uzgodnionych z nami wyjaśnienie to traci swoją ważność.

Descripción de la mercancía:	Temporizador de riego electrónico	Typ:	Art. Nº:	
Descrição do aparelho:	Relógio electrónico de Rega	Type :	Art. Nº:	
Bezeichnung des Gerätes:	Bewässerungsuhr	Modello: WT 1030	Art.-Nr.:	1825
Description of the unit:	Water Timer electronic	Type:	Art. No.:	
Opis urządzenia:	Elektroniczny sterownik nawadniania	Typ:	Nr art.:	

Normativa UE:		Colocación del distintivo CE:	
Directrices da UE:	89/336/EC	Ano de marcação pela CE:	
EU-Richtlinien:		Anbringungsjahr der CE-Kennzeichnung:	2001
EU directives:	93/68/EC	Year of CE marking:	
Dyrektywy UE:		Rok nadania znaku CE:	



Thomas Heintl

Ulm, 20.07.2001
Ulm, 20.07.2001
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