

T 1030 card Art. 1830

GB Operating Instructions
Water Timer

S Bruksanvisning
Bevattningstimer

H Használati útmutató
Vízprogramozó óra

CZ Návod k použití
Zavlažovací hodiny

RUS Инструкция по
эксплуатации
Карта датчика часов
полива

GB

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GARDENA Water Timer T 1030 card

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 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.

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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 irrigation 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:

The water timer is not approved for indoor use.

The minimum operating pressure is 0 bar, the maximum operating pressure is 12 bar.

- 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:

To ensure safe operation, only 4 x LR-6-AA (Mignon) alkali-manganese (alkaline) batteries may be used.

The Water Timer will only run for approx. 1 year if the new alkaline batteries has a nominal voltage of at least 1.5 V.

- Have the batteries checked before purchase.

Putting your Water Timer into operation:

To prevent water entering the device, 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.

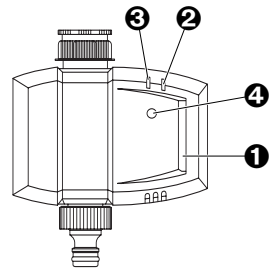
The max. temperature for the water is 40 °C.

→ Only use clear fresh water.

3. Function

The GARDENA Water Timer 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 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.



1 Card slot:

- To hold the programming card

2 Red LED:

- Indicates a fault

3 Green LED:

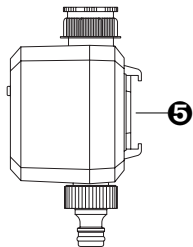
- Indicates the system is operating

4 Red button:

- Start reading in the program
- Manual operation

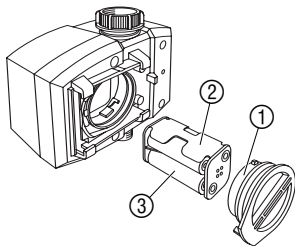
5 Storage compartment:

- For storing the programming card



4. Putting Your Water Timer into Operation

Inserting the batteries:



1. Turn battery cover ① anticlockwise and remove battery holder ②.
2. Insert 4 x LR-6-AA (**Mignon**) alkaline batteries ③ in the battery holder.
Ensure that polarity is correct (+/-).
3. Insert the battery holder ② in the correct position and close the battery cover ①.

Both LEDs are illuminated for 2 seconds and the Water Timer performs a self-test. The valve is closed automatically during this process.

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

Make sure that the time the batteries have been in operation and the time you are planning to be away does not add up to more than 1 year.

Battery warning:

Even if the batteries are almost empty, the Water Timer ensures that an open valve is always closed.

If both LEDs flash, the batteries are flat and must be replaced.

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

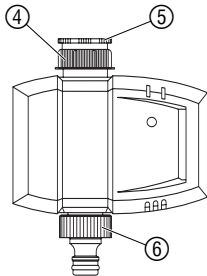
If you change the batteries the program is not saved. You must reprogram the Water Timer (see 5. Operation).

Connecting your Water Timer:

The Water Timer is fitted with a sleeve nut ④ for taps with a 33.3 mm (G1") thread. The adapters supplied ⑤ allows the Water Timer to be connected to taps with a 26.5 mm (G 3/4") / 23 mm (G 5/8") / 21 mm (G 1/2") thread.

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

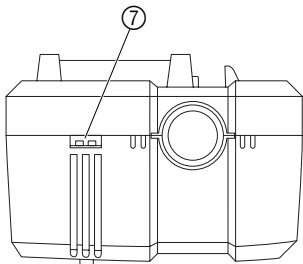
1. Screw the sleeve nut ④ of the Water Timer onto the thread of the tap by hand (do not use pliers).
2. Screw the threaded tap connector ⑥ onto the Water Timer.



Connecting the Water Timer to taps with a 26.5 mm (G 3/4") / 23 mm (G 5/8") / 21 mm (G 1/2") 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.

Connect soil moisture or rain sensor (optional):



In addition to time-based watering, it is also possible to include the soil moisture or rain in the watering program.

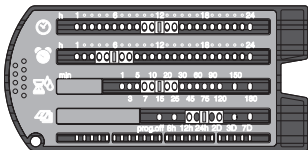
If the soil is moist enough, the program will be stopped, or a program will be prevented from starting. Manual operation via **man. On/Off** is unaffected by this.

1. Place soil moisture sensor **in** the watered area
 – or –
 place rain sensor (with extension cable if necessary) **outside** the watered area.
2. Insert the sensor in the sensor connection ⑦ of the Water Computer.

5. Operating Your Water Timer

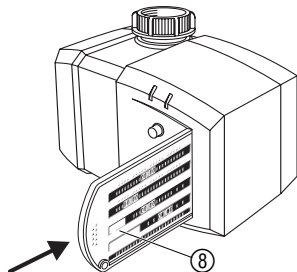
Programming the Water Timer:

The time of day and the watering starting time are set to the nearest hour. One of the following 6 watering cycles can be selected: 8 hours (8h), 12 hours (12h), 24 hours (24h), 2 days (2D), 3 days (3D) or 7 days (7D). The watering time can be set between 1 and 180 minutes.



1. Setting the watering program on the programming card ⑧:

- 🕒 Push the timer slide to the actual time of day (e.g.: **12 o'clock**).
- 🕒 Push starting time slide to the starting time required (e.g.: **6 o'clock**).
- 🕒 Push watering time slide to the length of time required. (e.g.: **15 minutes**).
- 🕒 Push cycle slide to the cycle required (e.g.: **24 hours** = every day).



2. Insert programming card ⑧ in the card slot of the Water Timer.

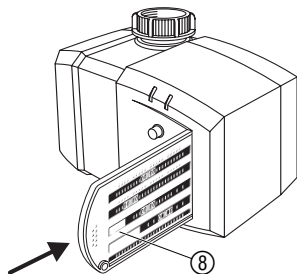
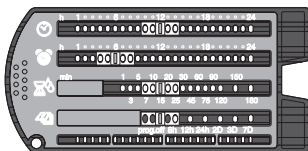
3. Press **red button** briefly.

The green LED flashes for 10 seconds.

4. Remove programming card ⑧ at a constant speed whilst keeping it straight (while the green LED flashes).

The green LED goes on for 5 seconds and the program has been transferred.

If the green LED flashes at 10 second intervals, the Watering Timer has been programmed and the program is active.

Watering manually:**Bad-weather function:**

On especially dry days the programmed watering cycle is sometimes insufficient. You can then turn on your water timer manually.


The program you have set remains unchanged.

1. Insert programming card ⑧ in the card slot of the Water Timer.
2. Keep **red button** pressed for 3 seconds.

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

On rainy days the programmed watering cycle is often unnecessary. You can therefore stop the programmed watering cycle (bad-weather function). The program set is retained on the programming card in this case.

Manual watering remains possible.

1. Push watering cycle slide  to **prog off**.
2. Transfer program (see *Programming the Water Timer*).

To reactivate the program set previously, the watering cycle set previously has to be set again and the program has to be transferred (see *Programming the Water Timer*).

6. Trouble-Shooting

Fault	Possible cause	Remedy
Red LED is illuminated for 5 seconds (reading error)	Programming card has been removed too fast or too slowly when reading in the programming data.	→ Remove the programming card at a constant speed.
	Dirty or wet programming card.	→ Clean / dry programming card.
	Slide on the programming card is not in an unambiguous position.	→ Engage the slide on the programming card.
Both LEDs are flashing (Opening manually impossible)	Battery level is too low.	→ Insert new alkaline batteries.
	Valve is blocked.	1. Remove batteries. 2. Remove blockage and clean filter.
Watering has not been initiated	Water tap off.	→ Turn tap on.
	Sensor active (shows there is sufficient moisture).	→ See instructions for the sensor.
Battery flat after working for a short time	Alkaline batteries were not used.	→ Use alkaline batteries.

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

7. Putting Your Water Timer Out of Operation

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)



Device may not be added to normal household refuse but must be disposed of in the technically correct way.

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

Disposing of flat batteries:

Only dispose of batteries when they are **flat**.

8. Technical Data

Min./max. operating pressure:	0 bar / 12 bar
Flow medium:	Clean fresh water
Max. water temperature:	40 °C
Number of program-controlled watering cycles per day:	Up to 3 (8h), 2 (12h)
Watering cycles per week:	Every day(24h), every 2nd day (2D), 3rd day (3D) 7th day (7D)
Watering time per program:	1, 3, 5, 7, 10, 15, 20, 25, 30, 45, 60, 75, 90, 120, 150 or 180 minutes

Battery:

4 x 1,5 V LR-6-**AA (Mignon)** alkaline

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.

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.

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.

S *Produktansvar*

Tillverkaren är inte ansvarig för skada som orsakats av produkten om skadan beror på att produkten har reparerats felaktigt eller om, vid reparation eller utbyte, andra än Original GARDENA reservdelar har använts. Samma sak gäller för kompletteringsdelar och tillbehör.

H *Terméklelősség*

Nyomatékosan utalunk arra, hogy a termékfelelősségi törvény értelmében nem felelünk a készülékeink által okozott károkért, amennyiben nem eredeti GARDENA csatlakozó elemek kerülnek felhasználásra, ha a Vevőtájékoztatóban foglaltakat nem tartják be és ha a javítást nem a GARDENA meghatalmazott szervizei végzik el. Ennek megfelelően ugyanez kiegészítőkre és tartozékokra is érvényes.

CZ *Ručení za produkt*

Výslovně upozorňujeme na to, že podle zákona o ručení za produkt nejsme odpovědní za škody způsobené našimi přístroji, pokud byly tyto způsobeny neodbornou opravou, nebo pokud byly pro výměnu použity jiné díly než originální díly GARDENA nebo námi schválené díly, a oprava nebyla provedena servisem GARDENA nebo autorizovaným odborníkem. Totéž platí pro přídatná zařízení a příslušenství.

RUS *Ответственность*

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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.

S EU Tillverkarintyg

Undertecknad firma GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, intyggar härmed att nedan nämnda produkter överensstämmer med EU:s direktiv, EU:s säkerhetsstandard och produktspecifikation. Detta intyg upphör att gälla om produkten ändras utan vårt tillstånd.

H EU azonossági nyilatkozat


Alulírott, GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, igazolja, hogy az alább felsorolt, általunk forgalomba hozott termékek megfelelnek az EU elvárásoknak, EU biztonsági normáknak és a termékspecifikus szabványoknak egyaránt. A készülék velünk nem egyeztetett változtatása esetén ez a nyilatkozat érvényét veszti.

CZ Prohlášení o shodě EU

Níže podepsaná společnost GARDENA Manufacturing GmbH, se sídlem Hans-Lorenser-Str. 40, D-89079 v Ulmu potvrzuje, že níže označený přístroj v provedení, které jsme uvedli na trh, splňuje požadavky uvedené ve harmonizovaných směrnicih EU, ve bezpečnostních standardech EU a ve standardech pro příslušné produkty. V případě změny přístroje, která námi nebyla odsouhlasena, stává se toto prohlášení neplatným.

RUS Свидетельство о соответствии ЕС

Мы, нижеподписавшиеся GARDENA Manufacturing GmbH, Hans-Lorenser-Str. 40, D-89079 Ulm, настоящим подтверждаем, что нижеуказанное устройство, отгруженное с нашего предприятия, имеет исполнение, соответствующее требованиям согласованных директив ЕС, стандартам по технике безопасности ЕС и производственным стандартам. При несогласованном с нами изменении устройства настоящее свидетельство теряет силу.

Description of the unit: Produktbeskrivning: A készülék megnevezése: Označení přístroje: Название устройства:	Water Timer Bevattningstimer Vízprogramozó óra Zavlažovací hodiny Карта датчика часов полива	Type: Type: Típus: Typ: Тип:	Art. No.: Art.nr. : Cikkszám: Č.výr: Art. №:
		T 1030 card	1830
EU directives: EU direktiv: EU irányelvek: Směrnice ES: Директивы ЕС:	89/336/EC 93/68/EC	Year of CE marking: CE-Märkningsår: CE jelzés bevezetési éve: Rok umístění značky CE: Год CE маркировки:	2004
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