Discontinue

Automatic watering system for golf courses, greenbelts, parks, etc.

RSC-W wireless watering system

Specifications

Descriptions	Watering controller
Model No.	RSC-W-2WP
Watering setting method	Arbitrary configuration of days of the week
Config and No. of times to water	Max. 6 times/day
Watering time	1 minute to 9 hours and 59 minutes per 1 time
Watering method	Automatic, manual
External stop	Available
Control output voltage	Polarity inverted pulse energizing (6 to 9 VDC)
Control No. (CH No.)	2CH
Connected solenoid valve No.	1/CH
Solenoid valve control distance	Within 60 m (0.75mm^2 cable used)
Ambient temperature	-5 (23°F) to 40°C (104°F)
Storage ambient temperature	-20 (-4°F) to 55°C (131°F)
Power supply voltage	Two 9 V alkaline batteries (6LR61)
Anti-Lightning surge	Anti-surge 2500 A (8/20 μs) varistor integrated
Installation	Outdoors
Rain sensor mounting	Mountable on a pole holder sold separately

Descriptions	Relay
Model No.	RSC-W-P
Rated voltage	5 VDC (with use of power supply, ripple not available, output current of 0.5 A or less)
No. of relay using steps	(max. No. of relays) 4 steps
Ambient temperature	-5 (23°F) to 40°C (104°F)
Storage ambient temperature	-20 (-4°F) to 50°C (122°F)
Installation	Outdoors

Descriptions	Central controller
Model No.	RSC-W-M
Ambient temperature	-5 (23°F) to 40°C (104°F)
Storage ambient temperature	-20 (-4°F) to 50°C (122°F)
Installation	Indoors

How to order

● Watering controller

RSC - W - 2 W P
- P: Control voltage: pulse type; Watering method: day of the week
- 2: Channel No.: 2 CH
- W: Communication method: wireless

● Relay

RSC - W - P
- P: Relay
- W: Communication method: wireless

● Central controller

RSC - W - M
- M: Central controller
- W: Communication method: wireless

(1) Operating environment

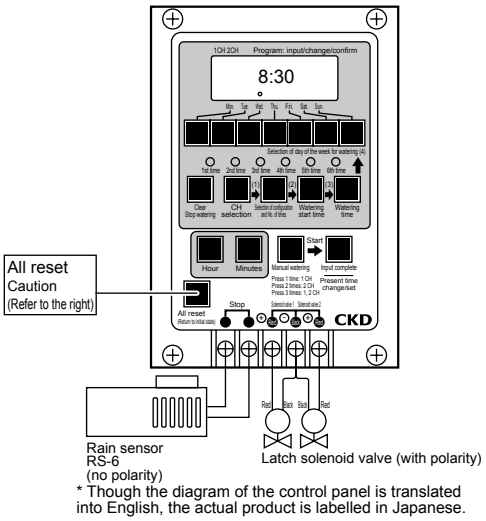
Contact CKD for details.

(2) Wireless specifications

Descriptions	Specifications	Remarks
Compliant technical standards	ARIB standard specification STD-T67	
Communication method	Simplex operation	
Radio wave format	F1D	
Oscillation method	PLL synthesizer method	
Modulation method	Value 2 FSK	
Wireless transmission bit rate	1200 bps	
Transmission/reception frequencies	429.1750 MHz to 429.7375 MHz	46CH
Antenna power	10 mW +20% -50% or less	

Control unit operating section/wiring

● RSC-W-2WP



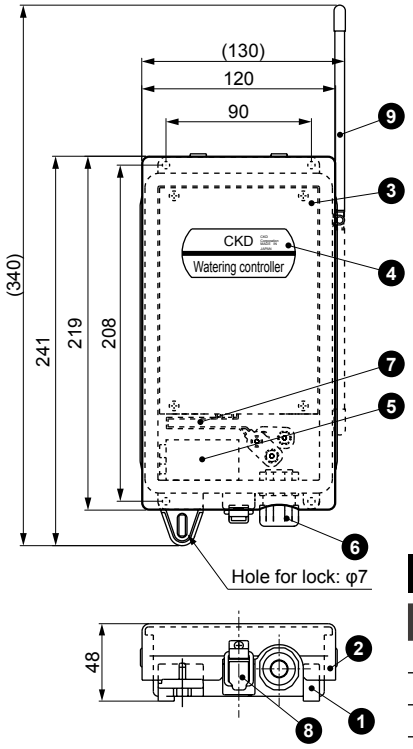
* Though the diagram of the control panel is translated into English, the actual product is labelled in Japanese.

⚠ Caution

- Always read the precautions in the instruction manual before starting use.
- As the batteries attached with the product are for tests upon shipping, it is recommended that new batteries be purchased upon installation of the unit.
- Be sure to replace the batteries every half year.
- Be sure to use 3-conductor cabtyre cables (cable outer diameter of φ8.5 to 10.5) for the wiring of the solenoid valves and arrange the wiring so that the common line is shared before entry into the controller. In addition, be sure to securely seal the cable outlet with silicone, etc., when using rain sensors.
- In order to maintain water resistance, be sure to securely close the cover when not operating the unit.
- Be sure to use a plastic or stainless pipe having a diameter of approximately φ35 for the pole.
- When the rain sensor (RS-6) is connected to the stop terminal, watering will be stopped when the cumulative rain volume has reached 6 mm. Recovery will be performed automatically depending on the situation of the weather.
- Be careful when operating the "All Reset" button as this will clear all details.

Internal structure and dimensions

● Common to RSC-W-2WP, RSC-W-P



* Though the diagram of the control panel is translated into English, the actual product is labelled in Japanese.

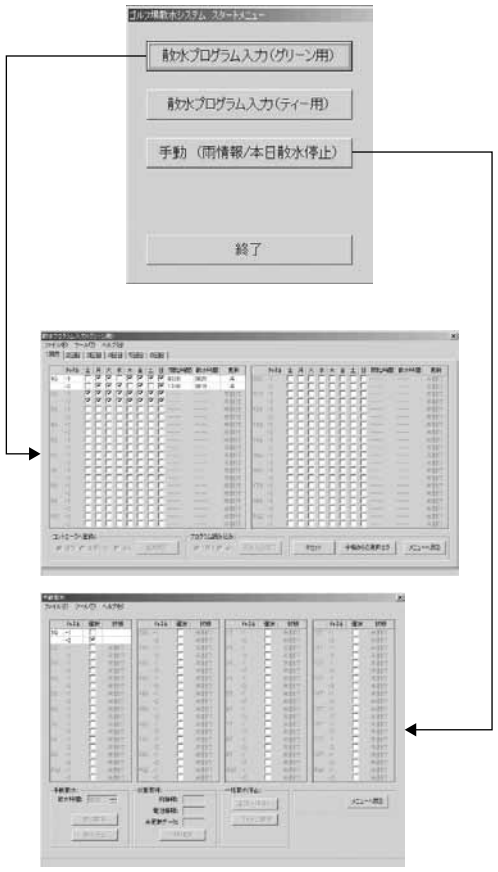
Cover finishing: Powder paint
Suede stone
(light gray)

Cannot be disassembled

No.	Part name
1	Case (AAS resin)
2	Cover (stainless steel)
3	Operating section
4	Product name plate
5	Alkaline battery
6	SC lock
7	Battery hook
8	Hook snap lock
9	Antenna

Central controller Details of operation

■ Easily configured from the main menu



*The software is only available in the Japanese version.

Installation configuration example