

K
RAIN®

KDIAL™

DUAL OUTLET DIGITAL TAP TIMER

KR5002



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**User
Manual**



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Overview

Introduction

The ***K Dial Tap Timer*** is made to be used in residential applications with normal household water pressures. Program your desired watering requirements before installing to your tap. Once set, your ***K Dial*** will repeat your programmed watering each week.

- ❗ This instruction manual contains useful information on the proper use and care of this product. Please read through all instructions before attempting to program and use the ***K Dial Tap Timer***. Please keep this user guide handy for future use.

Product code: KR5002



Overview

Main Components

1. 25mm BSP tap nut inlet
2. Display
3. Main dial
4. **START** ▶
5. **ZONE** ↻
6. **+**
7. **-**
8. **ZONE 1** outlet, 20mm BSP
9. **ZONE 2** outlet, 20mm BSP
10. 20/25mm BSP reducing bush
11. 12mm snap-on hose connectors
12. Battery compartment: requires 2× AAA alkaline batteries (not included)



Overview

Additional Functions

- ⚠ **The display will return to the clock after 2 minutes of keypad or schedule inactivity**
- ⚠ **Removing the AAA batteries will reset all clock and schedule settings**
- 📌 Using Zone 1+2 allows you to program an extra 4 start times for your **K Dial** to run. Once the watering duration has elapsed on Zone 1, it will automatically begin watering for Zone 2

Specifications

Daily scheduling	MON TUE WED THU FRI SAT SUN
Watering duration	1 min to 12 hr 59 min
Watering frequency	Any day
Working pressure	50-800 kPa
Maximum flow rate	25 L/min
Connections	25mm BSP inlet / 20mm BSP outlet
Working temperature	3°C to 50°C
Batteries	2× AAA alkaline (not included)

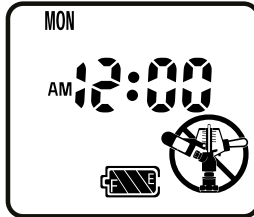
Setup

Battery Installation

1. Install 2× 1.5v AAA alkaline batteries into your **K Dial Tap Timer**, as indicated in the battery compartment [a]



- i** After installing the batteries, the display should activate as follows if the main dial is set to **OFF**



2. The status of the battery power is shown by the battery icon

⚠ Do not let the battery drop below 2 bars

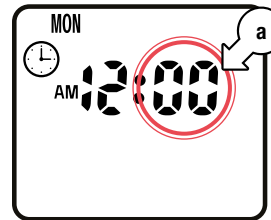
- i** It is recommended to renew the batteries each spring, or at least once per year

Setup

Clock

1. To set the system time, turn the main dial to **CLOCK**

- i** The *minutes* will flash on the display [a]

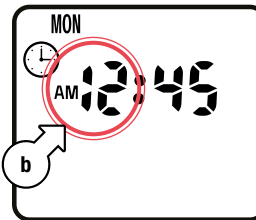


2. Press **+** or **-** to adjust the *minutes* to the current time

3. Press **START** ► to save *minutes*

- i** The *hours* will now flash [b]

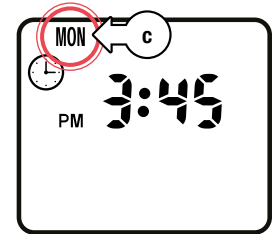
4. Press **+** or **-** to adjust the *hours* to the current time



- i** Cycle through 12 hour periods to change AM/PM

5. Press **START** ► to save *hours*

- i** **MON** will flash [c] to indicate *days* can be adjusted



6. Press **+** or **-** to cycle through and select the current *day*

7. Press **START** ► to confirm the current *day*

- i** The *minutes* will begin flashing, this is normal and the time has been saved


8. Main dial can be turned to **OFF**

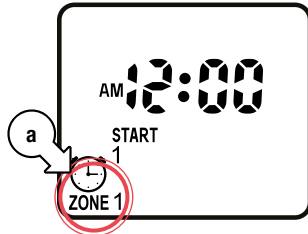
Scheduling

Start Time

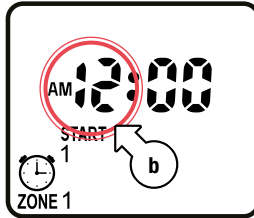
START TIME is the time a select zone will start watering


i Your **K-Dial** can use up to 4x different **START TIMES** per day per **ZONE**

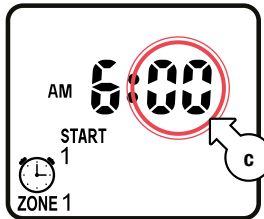
1. Turn the main dial to **START TIME**
2. Press **ZONE**  to cycle through and select **ZONE 1**, **ZONE 2** or **ZONE 1+2**—the selected zone will be flashing on the display [a]



3. Press **START**  to begin setting the **START TIME** for **START 1**—the **hours** will begin flashing [b]



4. Press **+** or **-** to adjust the **hours** as desired
5. Press **START**  to save—the **minutes** will begin flashing [c]

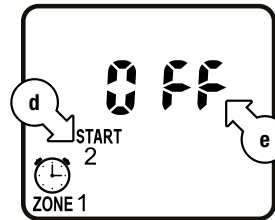


6. Press **+** or **-** to adjust the **minutes** as desired
7. Press **START**  to save the **START TIME**

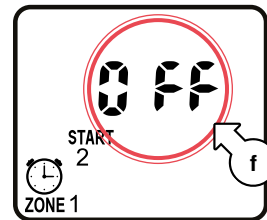
Scheduling

Start Time (continued)

8. The current settings for the next **NEXT START** [d] will display as **OFF** [e] by default




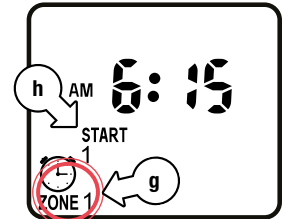
9. Press **START**  to begin setting the **START TIME** for **-OFF** (or the **hours**) will begin flashing [f]



10. Repeat [steps 4-9 \(page 8\)](#) to set **START TIMES** for **START 2**, **START 3** and/or **START 4** as desired

i To disable a **START TIME** again, hold down **+** and **-** simultaneously. Selected start time will appear as **OFF**

11. [Optional] To set **START TIMES** for additional zones, press **ZONE**  after saving the **START TIMES**—the **ZONE** will flash [g] and revert back to **START 1** [h]




12. [Optional] To run an additional 4 start times for **ZONE 1** and **ZONE 2** (if watering both zones on the same day), set **START TIMES** for **ZONE 1+2** using [steps 4-9](#). **ZONE 1+2** will water sequentially using the set **START TIMES**

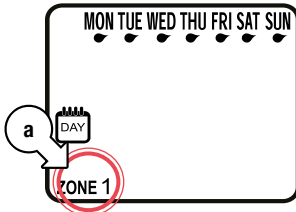
Scheduling



Water Days

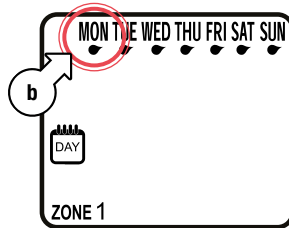
WATER DAYS are the days in which your **K Dial** will water at designated **START TIMES** for each **ZONE**



⚠ Check local regulations to determine watering days in your area

1. Turn the main dial to **WATER DAYS**
2. Press **ZONE**  to cycle through and select **ZONE 1** or **ZONE 2**—the selected zone will be flashing on the display [a]



- i** By default, every day is toggled *on* as indicated by 
3. Press **START**  to select each day—**MON** will flash first [b]



4. Press **+** or **-** to toggle watering *on* or *off* respectively
- i** When a day is toggled *off* the  will disappear
5. Press **START**  to save the status and proceed to the next day
6. Repeat [steps 4-5](#) until each day of the week has been set
7. When saving the status for **SUN**, the display will automatically proceed to **MON** for the next zone
- i** **WATER DAYS** will be automatically applied if **START TIMES** are set for **ZONE1+2**.

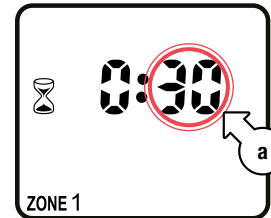
Scheduling

Run Time

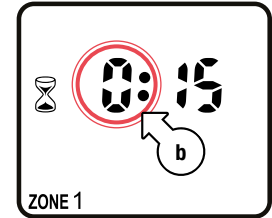
RUN TIME is the duration for which each zone will water


i The **RUN TIME** will be the same for all **START TIMES**. A different **RUN TIME** can be assigned to **ZONE 1** and **ZONE 2**.

1. Turn the main dial to **RUN TIME**
- i** **RUN TIME** settings start at **ZONE 1**
- i** **RUN TIME** is set to 30 minutes by default
2. The duration *minutes* will be flashing [a]—press **+** or **-** to adjust the *minutes* as desired



3. Press **START**  to save—the *hours* will begin flashing [b]



4. Press **+** or **-** to adjust the *hours* to as desired
5. Press **ZONE**  to save the **RUN TIME** and proceed to the next zone
6. Repeat [steps 2-5](#) to set a **RUN TIME** for the next zone as desired
- i** To disable a **RUN TIME**, hold down **+** and **-** simultaneously. Selected run time will appear as **OFF**
- i** The set **RUN TIMES** for **ZONE 1** and **ZONE 2** automatically applies to watering for **ZONE1+2**

Operation

Automatic Watering

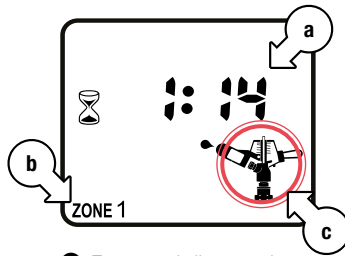
For automatic watering, ensure the **CLOCK**, **START TIME**, **WATER DAYS** and **RUN TIME** have been set

1. Turn the main dial to **ON**

i The display will now show the current day, time and battery status. Watering will occur automatically on the selected **WATER DAYS**, at the designated **START TIMES** for the designated **RUN TIMES**

i When a **START TIME** is triggered, watering will begin, the display will show the remaining watering time [a], current zone being watered [b] and watering status with a watering sprinkler animation [c]

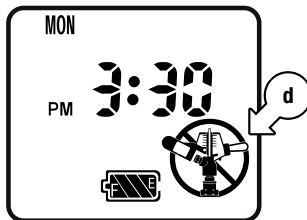
i If **START TIME** is set for **ZONE 1+2**, **ZONE 2** will water sequentially after **ZONE 1** is finished



i To suspend all automatic watering without losing settings, turn the main dial to **OFF**

i With the main dial switched to **OFF**, the display will show an *off* indicator [d]

⚠ All watering schedules will run as planned if the main dial is not switched to OFF



Operation

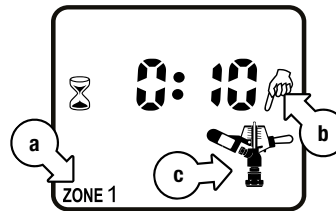
Manual Watering

Manual operation is for watering a zone immediately, this watering time is different to the pre-set schedules

1. For manual watering, turn the main dial to **ON**

2. Press **ZONE** to choose to water **ZONE 1**, **ZONE 2** or **ZONE 1+2** [a]

i To manually water both zones sequentially, select **ZONE 1+2**. **ZONE 2** will water after the set duration has finished on **ZONE 1**



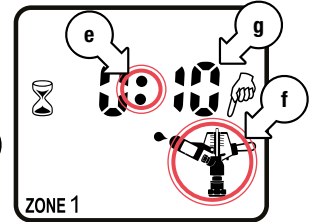
i The manual indicator [b] will display and the sprinkler icon [c] will be static. The default manual watering duration is 10 minutes [d]

3. Press **+** or **-** to adjust the *minutes* to as desired

i Manual watering can only be set in *minutes* from 1 minute to a maximum of 99 minutes. Hold down **+** when setting long watering times to scroll through the *minutes*

4. To start watering session, press **START**

i During watering, the time separator will flash [e], the sprinkler animation will start watering [f], and the duration will begin counting down [g]



i To stop watering immediately, turn the main dial to **OFF**. To ensure your pre-set schedules are active, turn the main dial back to **ON**

Maintenance

Cold Weather

i Your **K Dial Tap Timer** should be removed from the tap and stored away during winter

⚠ **Keep your tap timer out of freezing conditions as this can damage internal components**

Batteries

i Remove batteries from your **K Dial Tap Timer** during periods of non-use—this will erase all settings

⚠ **Do not use rechargeable batteries**

⚠ **Do not mix old and new batteries**

⚠ **Battery leakage can cause corrosion and damage to your K Dial Tap Timer**

Other Precautions

⚠ **Do not use on tanks or other low pressure systems**

⚠ **Use clean mains water only**

⚠ **Do not install horizontally**



For support email info@k-rain.com.au or contact the friendly Customer Service team at Holman Industries on 08 9416 9999

Supplied and Serviced by Holman Industries

11 Walters Drive, Osborne Park WA 6017



Warranty

2 Year Replacement Guarantee

Holman Industries offers a 2 year replacement guarantee with this product.

In Australia our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

As well as your statutory rights referred to above and any other rights and remedies you have under any other laws relating to your Holman product, we also provide you with a Holman guarantee.

Holman Industries guarantees this product against defects caused by faulty workmanship and materials for 2 years domestic use from the date of purchase. During this guarantee period Holman Industries will replace any defective product. Packaging and instructions may not be replaced unless faulty.

In the event of a product being replaced during the guarantee period, the guarantee on the replacement product will expire 2 years from the purchase date of the original product, not 2 years from the date of replacement.

To the extent permitted by law, this Holman Replacement Guarantee excludes liability for consequential loss or any other loss

or damage caused to property of persons arising from any cause whatsoever. It also excludes defects caused by the product not being used in accordance with instructions, accidental damage, misuse, or being tampered with by unauthorised persons, excludes normal wear and tear and does not cover the cost of claiming under the warranty or transporting the goods to and from the place of purchase.

Should you suspect your product may be defective and need some clarification or advice please contact us directly:

1300 716 188

support@holmanindustries.com.au

**11 Walters Drive,
Osborne Park 6017 WA**

If you are certain your product is defective and is covered by the terms of this warranty, you will need to present your defective product and your purchase receipt as proof of purchase to the place you purchased it from, where the retailer will replace the product for you on our behalf.

K DIAL™
DUAL OUTLET DIGITAL TAP TIMER



We really appreciate having you as a customer and would like to say thank you for choosing us.

We recommend registering your new product on our website. This will ensure we have a copy of your purchase and activate an extended warranty. Keep up to date to with relevant product information and special offers available through our newsletter.



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k-rain.com.au/register
for more info