



KDIAL mkII

DUAL OUTLET DIGITAL TAP TIMER

KR2002



WWW.K-RAIN.COM.AU

User Manual



RWC Reliance Worldwide
Corporation (Aust.) Pty. Ltd.
27-28 Chapman Place
Eagle Farm, QLD, Australia 4009

RoHS 

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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 Tap Timer*** 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.

Overview

Main Components

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



Overview (continued)

Additional Functions

- ☑ The display will return to the clock after 2 minutes of keypad or schedule inactivity
- ☑ Removing the AA batteries will reset all clock and schedule settings

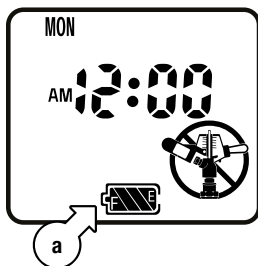
Specifications

Start times	12 start times total
Daily scheduling	MON TUE WED THU FRI SAT SUN
Watering duration	1 min to 12 hr 59 min
Watering frequency	Any day
Working pressure	50-800kPa
Maximum flow rate	25L/min
Tap Adaptor	25mm BSP inlet / 20mm BSP outlet
Connectors	2× 12mm snap-on
Working temperature	3°C to 50°C
Batteries	2× AA alkaline (not included)
Rated voltage	DC 3V
Rated current	≤80uA (standby)
Waterproof	IP54
Material	UV resistant plastic

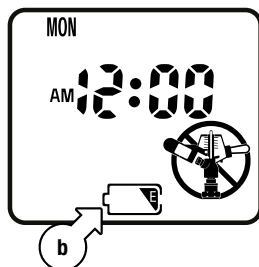
Setup

Battery Installation

1. Install 2× AA alkaline batteries into the back of your **K Dial Tap Timer**,
 - After installing the batteries, the display should activate as shown if the main dial is set to **OFF**
2. The status of the battery power is shown by the battery icon [a]



- Batteries need to be changed when low battery [b] is shown on display



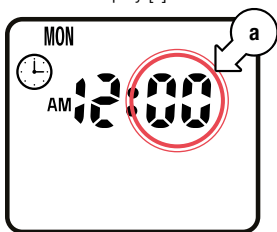
- It is recommended to renew the batteries each spring, or at least once per year

Setup

Clock

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

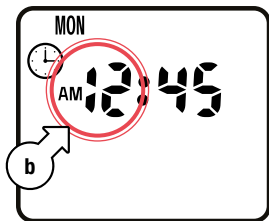
- The *minutes* will flash on the display [a]



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

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

- The *hours* will now flash [b]

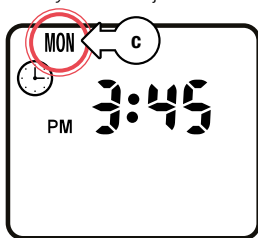


4. Press **+** or **-** to adjust the *hours* to the current time

- Cycle through 12 hour periods to change AM/PM

5. Press **START** ► to save *hours*

- **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*

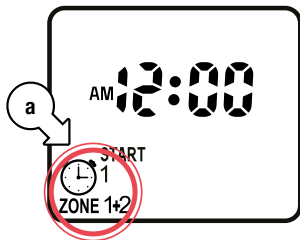
Scheduling

Start Time

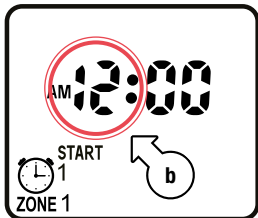
START TIME is the time a zone starts watering. Your *K Dial Tap Timer* can use up to 12× **START TIMES** per day.

— 4× **START TIMES** per zone group (**ZONE 1+2**, **ZONE 1**, **ZONE 2**)

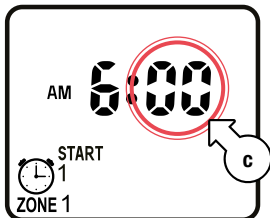
1. Turn the main dial to **START TIME**
2. Press **ZONE** ↻ to cycle through and select **ZONE 1+2**, **ZONE 1**, or **ZONE 2**—the selected zone will be flashing on the display [a]



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



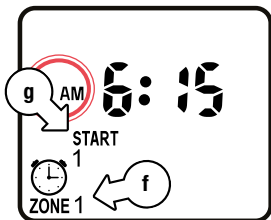
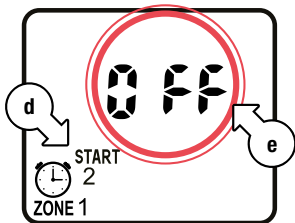
4. Press **+** or **-** to adjust the *hours* as desired
5. Press **START** ► to save—the *minutes* will begin flashing [c]
6. Press **+** or **-** to adjust the *minutes* as desired



Scheduling

Start Time (continued)

7. Press **START** ► to save the **START TIME**
8. **START 2** settings will now display [d]
 - If **START 2** is **OFF**, press **START** ► again, and **OFF** will begin flashing [e]
9. Repeat [steps 4-9 \(page 8\)](#) to set **START TIMES** for **START 2**, **START 3** and/or **START 4** as desired
11. [Optional] To set **START TIMES** for additional zones, press **ZONE** ↺ after saving the **START TIMES**—the **ZONE** will flash [f] and revert back to **START 1** [g]
12. [Optional] Repeat [steps 4-8](#) to set **START TIMES** for **START 2**, **START 3** and/or **START 4** as desired



10. To disable **START TIME**, hold down **+** and **—** simultaneously. Start time will appear as **OFF**

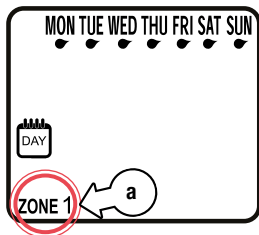
Scheduling

Water Days

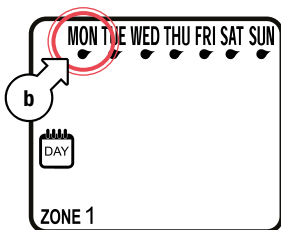
WATER DAYS are the days your *K Dial Tap Timer* will water at designated **START TIMES** for each **ZONE**.

⚠ Check local regulations in your area before setting

1. Turn the main dial to **WATER DAYS**
 - By default, every day is toggled *on* as indicated by ●
2. Press **ZONE** ↻ to cycle through and select **ZONE 1** or **ZONE 2**—the selected zone will flash [a]



3. Press **START** ► to select a day—**MON** will flash first [b]



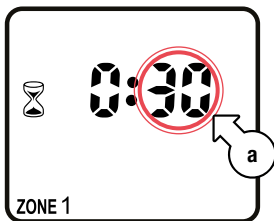
4. Press **+** or **-** to toggle watering *on* or *off* respectively
 - When a day is toggled *off*, ● will disappear
5. Press **START** ► to save and proceed to the next day
6. Repeat [steps 3-4](#) until each day of the week has been set
7. When saving the status for **SUN**, the display will automatically proceed to **MON** for the next zone

Scheduling

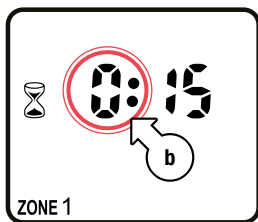
Run Time

RUN TIME is the duration for which each zone will water.
The **RUN TIME** will be the same for all **START TIMES**.

1. Turn the main dial to **RUN TIME**
 - **RUN TIME** settings start at **ZONE 1**
 - **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]



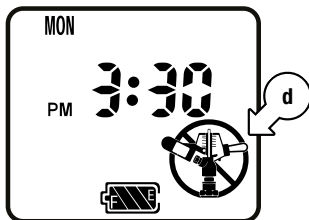
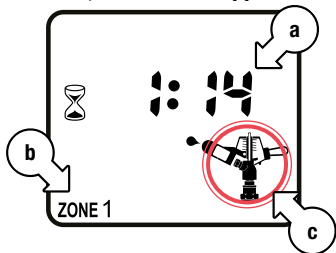
4. Press **+** or **−** to adjust the *hours* to as desired
 5. Press **ZONE** ↺ to save the **RUN TIME** and proceed to the next zone
 6. Repeat [steps 2-5](#) to set a **RUN TIME** for the next zone as desired
- To disable **RUN TIME**, hold down **+** and **−** simultaneously. Run time will appear as **OFF**, hold down **+** and **−** to reactivate

Operation

Automatic Watering

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

1. Turn the main dial to **ON**
 - The display will now show the current day, time and battery status
 - Watering will occur automatically on the selected **DAYS**, at the designated **START TIMES** for the designated **RUN TIMES**
 - When a **START TIME** is triggered, watering will begin, the display will show the remaining watering time [a], current zone [b] and watering status with a watering sprinkler animation [c]
- If **START TIME** is set for **ZONE 1+2**, **ZONE 2** will water sequentially after **ZONE 1** is finished
- To suspend all automatic watering without losing settings, turn the main dial to **OFF**
- 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**

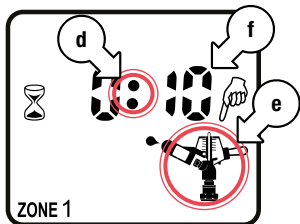
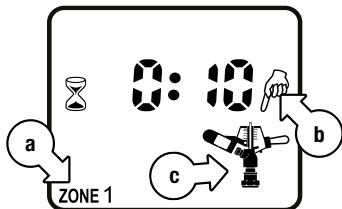
Operation

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]
 - To manually water zones sequentially, select **ZONE 1+2**. **ZONE 2** will water after the set duration has finished on **ZONE 1**
 - The manual indicator [b] will display and the sprinkler icon [c] will be static. The default manual watering duration is 10 minutes
- Manual watering is set in *minutes* from 1–99 minutes. Hold down **+** when setting long watering times to scroll through the *minutes*
4. To start the watering session, press **START** 
 - During watering, the time separator will flash [d], the sprinkler animation will start watering [e], and the duration will begin counting down [f]



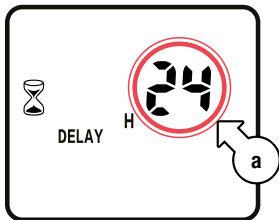
3. Press **+** or **-** to adjust the *minutes* to as desired
- To stop watering immediately, turn the main dial to **OFF**. To ensure your pre-set schedules are active, turn the main dial back to **ON**

Operation

Rain Delay

During the **RAIN DELAY**, all scheduled watering will be skipped and resume once the duration is over.

1. To delay watering, the main dial must be in the **ON** position
2. Press and hold **+ / Delay**
 - Duration value will begin flashing [a]
4. Press **START** to confirm your settings and enter **RAIN DELAY** mode
 - The display will now show the remaining delay time, delay icon, battery level and sprinkling animation
 - To exit **RAIN DELAY** and restore original schedule, press and hold **+ / Delay** or turn the main dial



- The default delay duration value is 24 hours
3. Press **+** or **-** to cycle between different delay settings: 0H, 24H, 48H, and 72H

Maintenance

Cold Weather

- 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

- Remove batteries from your ***K Dial Tap Timer*** during periods of non-use—this will erase all settings
- ⚠ **Battery leakage can cause corrosion and damage to your *K Dial Tap Timer***
- ⚠ **Do not mix old and new batteries**
- ⚠ **Do not use rechargeable batteries**
- ⚠ **Replace batteries annually**

Other Precautions

- ⚠ **Do not use on tanks or other low pressure systems**
- ⚠ **Use clean mains water only**
- ⚠ **Do not install horizontally**

Warranty

2 Year Replacement Guarantee

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.

In addition to the rights and remedies you have under laws relating to your K-Rain product, we also provide you with a K-Rain warranty.

K-Rain warrants this product against defects caused by faulty workmanship and materials for 2 years domestic use from the date of purchase.

During this warranty period K-Rain will replace any defective product. Packaging and instructions may not be replaced unless faulty.

In the event of a product being replaced during the warranty period, the warranty 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 and without limiting the consumer guarantee, this K-Rain Replacement Warranty only covers products that have been put to domestic use, and 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:

support.holmanindustries.com.au

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.



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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