Quick Setup Guide

EzyONEX

8 Station Outdoor Irrigation Controller

Our ***EzyOne X*** works like a clock, sending an electrical signal to solenoid valves located around your garden. These valves divide the system up into zones or **STATIONS**. This helps to maintain the right amount of pressure for your sprinklers. Each solenoid is connected to the ***EzyOne X*** via an individual cable. To complete the electrical circuit, a *COMMON* wire runs from the ***EzyOne X*** to all your valves. To open a valve (or water a **STATION**), the ***EzyOne X*** sends an electric current to lift a plunger in the solenoid coil. After the **RUN TIME** has expired, the electric current is discontinued and the valve closes. The ***EzyOne X*** will then automatically open the next valve in the sequence, continuing this way until all allocated **STATIONS** have been watered. Please read these instructions in full before proceeding with setup.

Initial Setup

1

SET CLOCK

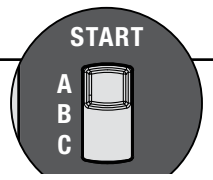
i. Turn the **MAIN DIAL** to **SET CLOCK**
ii. Use ▶ to scroll between minutes, hours and days
iii. Use ✚ or ▬ to adjust time
⊗ ***Hint:*** You must have the current day and time set to begin setting your watering, ensuring *AM/PM* is correct

Auto Watering Setup

2

CHOOSE A START SEQUENCE

i. Set the **SLIDER SWITCH** to **START A**



SLIDER SWITCH

⊗ ***Hint:*** **START B** and **C** are only required if multiple times are needed per station, on different days

3

SET START TIME

i. Turn the **MAIN DIAL** to **SET START TIME**
ii. Use ✚ or ▬ to adjust time, ensuring *AM/PM* is correct
iii. Use ▶ to scroll between minutes and hours
⊗ Press OFF to delete a start time
⊗ ***Hint:*** Each station will water a full *RUN TIME* and then stop, then the next station will run in sequence, one after the other

4

SET DAY

i. Turn the **MAIN DIAL** to **SET DAY**
ii. Use ▶ to scroll through *MON* to *SUN*
iii. Use ✚ or ▬ to toggle each day *ON* or *OFF* as indicated by ●
⊗ ***Hint:*** All days *MON* to *SUN* will be set to *ON* by default

MON TUE WED THU FRI SAT SUN
● ● ● ● ● ● ●

5

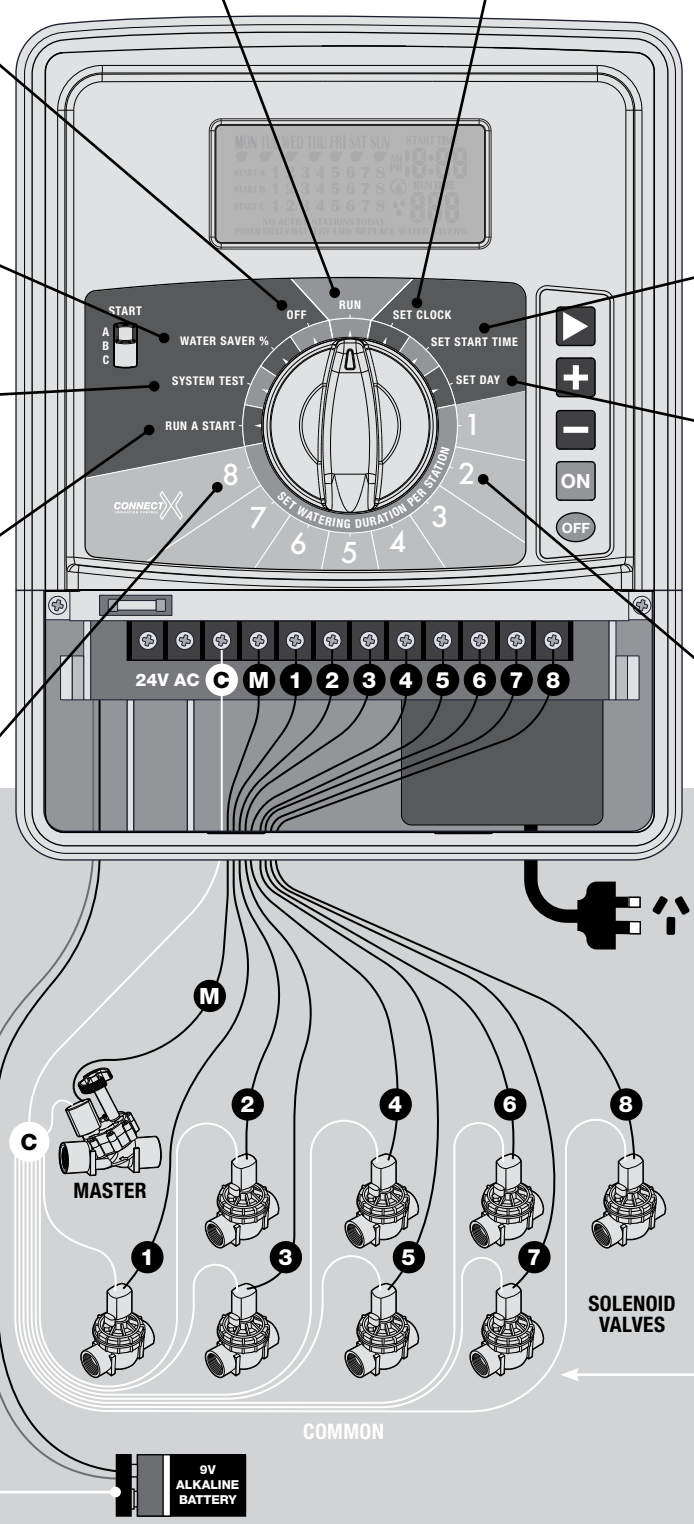
SET WATERING DURATION PER STATION

i. Use the **MAIN DIAL** to select a **STATION** from **1** to **8**
ii. Adjust the *RUN TIME* using ✚ or ▬

Auto Watering

RUN

⊗ Leave the **MAIN DIAL** on **RUN** to automatically water as per set schedules



Additional Features

RESETTING THE UNIT

i. Turn the **MAIN DIAL** to **OFF**
ii. When the display reads *ALL OFF*, press ▶ until the display reads *CLR ALL*
iii. Press ✚ until the display reads *ALL OFF* again
All data will be erased from the system

STOP ALL WATERING

1. Turn the **MAIN DIAL** to **OFF**
⊗ This will hold all set watering
⊗ This is ideal during wet weather to suspend all watering until the dial is turned back to **RUN**

SEASONAL WATER SAVING

⊗ Watering durations can be adjusted proportionally by a percentage from 10-100%
⊗ E.g. Water 100% during Summer, and 40% during Autumn
i. Turn the **MAIN DIAL** to **WATER SAVER %**
ii. Use ✚ or ▬ to adjust the *WATER SAVER %* shown on the display in 10% increments

SYSTEM TEST

i. Turn the **MAIN DIAL** to **SYSTEM TEST**
ii. Each station is pre-set for 2 minutes. Press ON to commence
iii. Press ▶ to scroll through stations
iv. Press OFF to stop it any time
⊗ ***Hint:*** Use this to automatically run through all stations on the controller
⊗ This is ideal for checking the operation of your watering system
⊗ While the system test is running, use ✚ or ▬ to adjust test duration

RUN A START SEQUENCE

i. Turn the **MAIN DIAL** to **RUN A START**
ii. Press ON to run the desired *RUN TIME*
⊗ Each **STATION 1** through **8** will run sequentially as per the set watering durations
⊗ Press OFF to cancel all watering immediately

MANUAL STATION WATERING

⊗ *RUN TIME* will be set to *OFF* by default
⊗ Adjust the run time below 1 or above 255 to turn the station *OFF*
i. Press ON to water this station immediately for the set duration
ii. Press OFF to stop watering

FUSE

Use only 1 amp fuse M-205

AUTO BACKUP

⊗ During a power outage without a 9V battery fitted, schedules will still be saved in the permanent memory chip
⊗ Clock time (at the time of the power outage) will be retained in memory

9V BATTERY

We recommend fitting a 9V alkaline battery to maintain clock accuracy during power outage
This battery should be replaced annually
⊗ When connected to 24V power pack, the unit will read *FAULTY BATTERY* if the 9V battery is low or not connected

POWER SUPPLY

This unit runs off a 240V 50Hz single phase outlet, drawing 30W at 240V AC

⊗ ***Internal transformer:*** Reduces 240V AC to extra low voltage supply of 24V AC
⊗ Fully compliant with AS/NZS 61558-2-6
⊗ 1.25 amp low energy, high efficiency toroidal transformer for long life performance
⊗ ***Input:*** 24V AC 50/60Hz
⊗ ***Output:*** Max 1 amp
⊗ ***To stations:*** 24V AC 50/60Hz. 0.5 amp max (up to 2 valves per station)
⊗ ***To master/pump:*** 24V AC 0.25, amp max
⊗ Transformer and fuse capacity must be compatible with output requirements
Overload protection: Standard 20mm 1 amp fuse with faulty station skip function
Output circuits should be installed and protected in accordance with wiring rules

Installation and Wiring

MOUNTING THE UNIT

Position the unit in a place that is convenient for valve wiring and near a power source
⊗ Install near a 240V AC outlet
⊗ We recommend mounting the unit at eye level
i. Drive a #8 screw into the wall, leaving approx. 4mm exposed. Use a toggle bolt or masonry plug if necessary
ii. Hang the unit from the key at the back, ensuring it is properly seated
iii. Optional: Remove the terminal cover to add additional screws through the holes in the lower corners for extra stability

FIELD WIRING

⊗ ***Hint:*** Strip approx. 6mm of insulation and place this under the loosened screw, tighten gently and check the cable is firmly held
A maximum of 2 solenoid valves can be run off each output
i. Connect one cable from the terminals to each solenoid valve
ii. Complete the circuit by *looping* a common cable to all valves and connecting to the COMMON (**C**) terminal

ELECTRICAL CONNECTION

Installation must be carried out in accordance with these instructions and all Local, State and Federal codes
Disconnect all 240V AC power before commencing any field wiring or solenoid valve connection

STN / VALVE 1 LOCATION:

STN / VALVE 2 LOCATION:

STN / VALVE 3 LOCATION:

STN / VALVE 4 LOCATION:

STN / VALVE 5 LOCATION:

STN / VALVE 6 LOCATION:

STN / VALVE 7 LOCATION:

STN / VALVE 8 LOCATION:

HOLMAN

EzyONEX

8 Station Outdoor Irrigation Controller

CO1318

User Guide

Introduction

This 8 station (valve) unit is designed for residential applications

Stations will water in sequential order
1 through **8** on the start days and times nominated

Key Features

- Up to 8 stations can be operated
- 7 day watering calendar
- 3 different start times available in total
- Each start can have a different watering day scheduled
- Maximum watering time is 255min (4hr 15min)
- **WATER SAVER %** feature to reduce all scheduled durations by a fixed percentage
- Master valve and pump start outputs
- Permanent memory: never lose your watering settings
- System test mode for easy checking of solenoid valves

SEASONAL ADJUSTMENT

24V SAFE INSTALL

WATER SAVING FUNCTIONS
10% INCREMENTS

PERMANENT MEMORY
NEVER LOSE A PROGRAM!

CONTROL UP TO 8 VALVES

Troubleshooting

Symptom	Possible Cause	Suggestion
No display	Flat battery or no mains power or fuse blown	Install a charged battery. If the display still doesn't work, then check the transformer or the main power supply. If main power supply is working, check and replace the fuse if necessary.
Station not working	Faulty solenoid coil or Broken cable	Swap faulty station wire on controller terminal block with known working station wire. If the faulty valve still does not work on the known working connection then the solenoid coil is faulty. The panel may need to be repaired or the cable may be broken.
Fuse blows	Incorrect wiring or bad wiring joint	Check wiring and joints for a short circuit.
No automatic start	Incorrect programming or blown fuse	If unit works manually check settings. Check fuse and field wiring.
System watering at random	Too many start times entered	Check number of start times entered and when they are scheduled to water. Reset the unit if necessary.

3 Year Replacement Guarantee

Holman offers a 3 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 guarantees this product against defects caused by faulty workmanship and materials for 3 years domestic use from the date of purchase. During this guarantee period Holman 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 3 years from the purchase date of the original product, not 3 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.

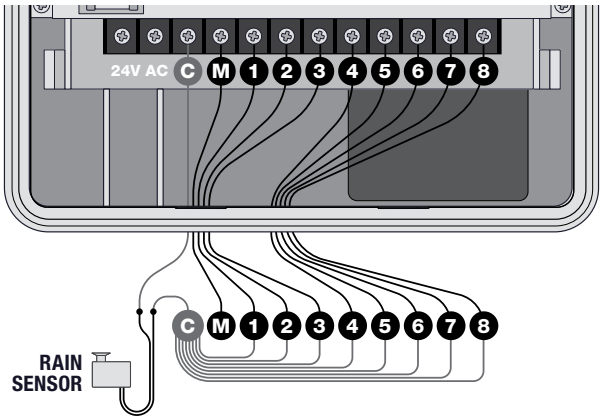
Should you suspect your product may be defective and need some clarification or advice please contact us directly:

1300 716 188
services@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.

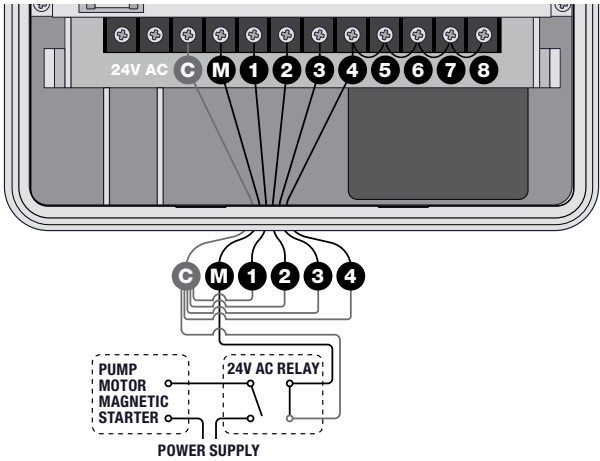
Rain Sensor Connection

- A rain sensor detects rainfall and tells the controller to suspend watering, resuming after the sensor dries out
- It achieves this by severing the connection between controller and the solenoid valves
- To install a rain sensor, wire it to the common, between the controller and valves as shown below:



Pump Connection

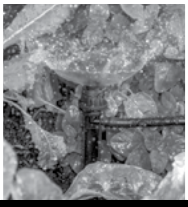
- Do not attempt to drive a pump starter directly from the controller
- Pump start is provided by connecting one side of the coil from a suitable relay to the *MASTER VALVE/PUMP START* (**P**) output of the controller and the other side to the controller common
- For systems supplied with water from a pump, unused stations must be connected back to the last used station to prevent running against a closed head if run times are incorrectly set
- If your water is being supplied directly from the main water supply, it is recommended to install an approved *MASTER VALVE*. This is connected to the *COMMON* (**C**) and *PUMP/MASTER VALVE* (**P**) terminals






Thanks for being a
#SMARTGARDENER






We really appreciate having you as a customer, and would like to say thank you for choosing us. Should you have any questions about this product or its operation please call customer service on **1300 716 188**.

We hope you are happy with our product and if you have a moment to leave a review, we would like to hear your feedback on the Product Review website. **www.productreview.com.au** then search for our product name

HOLMAN

For the #SMARTGARDENER

Head Office/Service
11 Walters Drive, Osborne Park WA 6017
Tel: +61 8 9416 9999 Fax: +61 8 9416 9920
service@holmanindustries.com.au
www.holmanindustries.com.au