BTX1

Instruction Manual

iPhone

AUSTRALIAN DESIGNED & ENGINEERED

2 year guarantee

HOLMAN

iGardener

HOLMAN

WELCOME TO HOLMAN iGARDENER™

Holman presents to you the Smart Control gardener range. We have an ever increasing range of garden watering and irrigation control equipment that are controllable via your smartphone in both iOS and Android formats.

iGardener™ watering control products allow you to use your smartphone to control all the programming and interface functions on your tap timers or irrigation controllers.

Download the app at no cost and you will soon have total control of your garden watering.

Introduction

The Holman iGardener™ app allows you to run up to 8 tap timers or controllers. You can program your tap timers to water sequentially via your smartphone.

The BTX1 allows scheduling for 7 day watering, interval days, odd days and even days with the option of setting your run time in hours and minutes with up to 3 start times per day.

The BTX1 also features cycle scheduling, which allows a run time and delay time. For example, you could schedule a short burst of water to run for 1 minute every 20 minutes for 3 hours. The cycle feature is great for the Holman GreenWall and for operating misting systems.

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WARRANTY
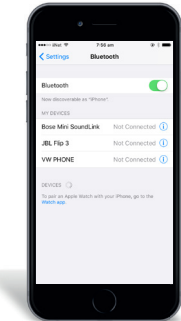

SIMPLE SETUP

Downloading the App
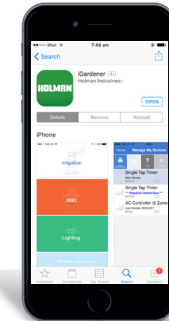
STEP 1
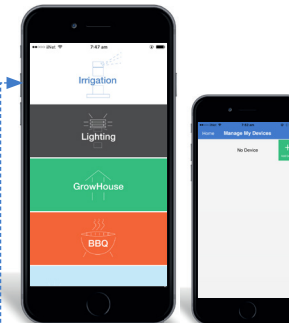Download the app from the App Store by searching **iGardener.**

STEP 2
Ensure your tap timer is connected to power by installing a 9V battery (located behind rubber weatherproof seal).*
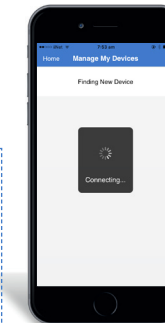
STEP 3
Turn on your Bluetooth on your smartphone and ensure your tap timer is connected to a 9V battery. The tap timer won't show up in the My Devices list.
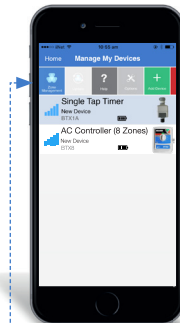

STEP 4
On the iGardener app navigate to **Irrigation** and press the **+** button to add your tap timer.

STEP 5
Wait until your tap timer is found. For security of your watering schedule each tap timer will only pair with one smartphone.

STEP 6
When your tap timer is found you are ready to set up scheduling. Select **Zone Management** to begin the setup. *If you have multiple tap timers or controllers connected, the device highlighted within the blue bar is the one you are scheduling.*

> **HOLMAN** Ensure you check for iGardener app updates and keep the app up to date with the latest version. Not updating your app will limit its functionality.

> * The battery status is updated each minute. If you replace the battery it can take up to one minute for the battery status to update accordingly.

BTX1 Components

Tap nut

Unpairing button

9V battery (not supplied)

Rubber weatherproof battery compartment

Black connector (threaded hose end)
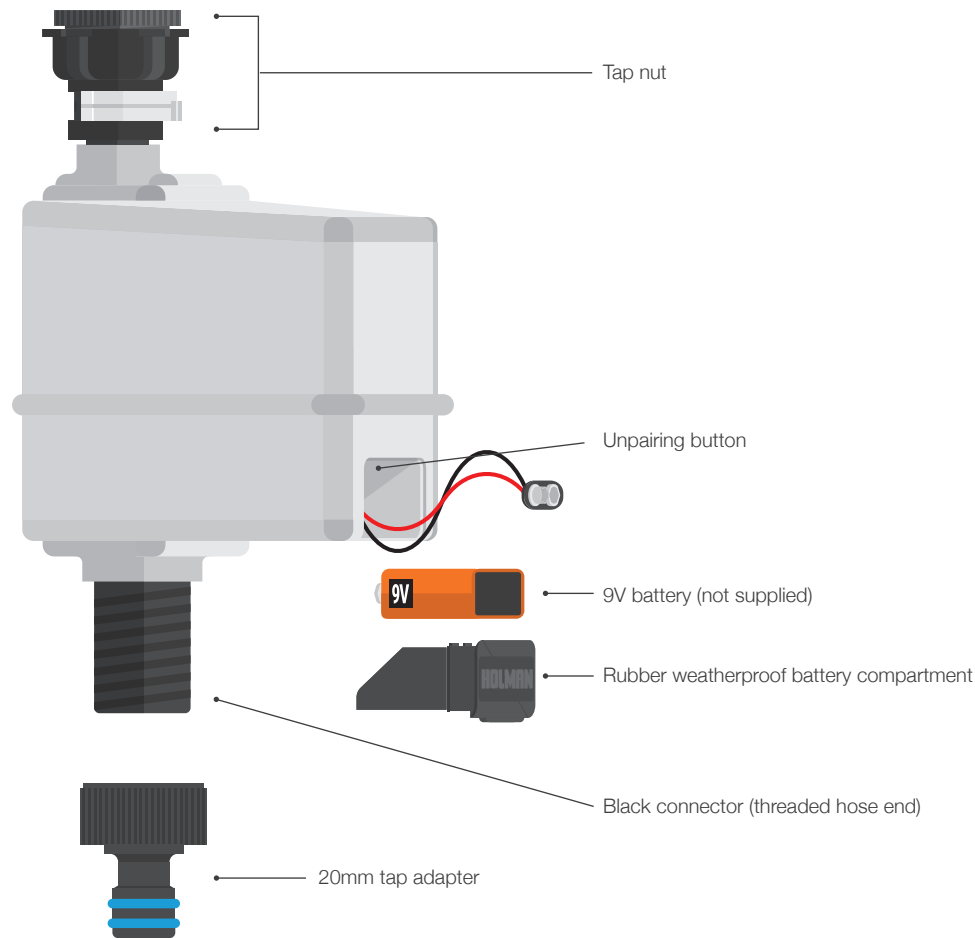
20mm tap adapter

Attaching the Tap Timer to the Tap

STEP 1
Screw the tap nut onto the tap thread.

STEP 2
Screw on the 20mm tap adapter.

STEP 3
Use the iGardener app to set up your watering schedule.

Renaming the Tap Timer

You can rename your tap timer to distinguish it from other tap timers or controllers you may have installed. For example, you may have a tap timer operating the garden at the front of your house and a separate tap timer or controller for the backyard.

Select **Options.**

Select **Change Device Name.**

Enter your new name and press **Save.**
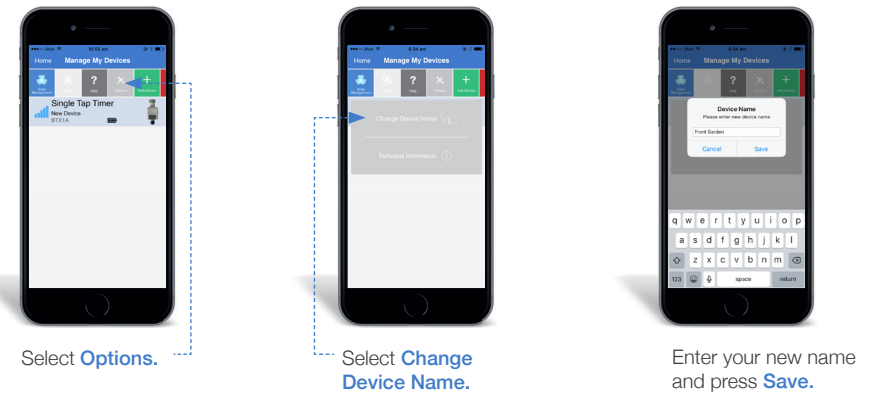
Unpairing the Tap Timer

To connect the tap timer to a new smartphone you will first need to unpair it from the device it is currently paired to.

VIA THE APP
Slide the menu bar to the left and press **Delete.** This will remove your device from the tap timer allowing it to be paired with another device.

MANUALLY
Locate the button inside the battery compartment and press down for 12 seconds. Alternately, you can unpair by removing the 9V battery.

WARNING: Unpairing and removing the battery will reset all watering schedules.

Manual Operation Via the App

On the app select **Manual Water,** set your desired run time and press **Start.** You will need to press **Stop** to stop the watering or let the run time lapse.

To instantly stop a watering schedule in progress, press the Stop button under Manual Operation.
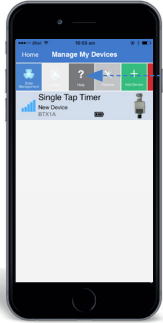
Troubleshooting

If the tap timer cannot be found

1. Ensure the tap timer is connected to a 9V battery.
2. Ensure the smartphone is within the required 20m Bluetooth range.
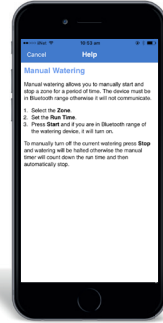3. Ensure there is no other smartphone currently paired with the tap timer.

Accessing the Help screen via the app

ON HOME SCREEN
Select Help in scrolling menu.

ON ZONE MANAGEMENT SCREEN
Select the Question Mark icon in the blue section at the top of the screen.

Scroll through the Help screen.

The BTX1 is designed to be operated via the HOLMAN iGardener app. Without the app, the Tap Timer cannot be programmed.

Device Compatibility

Apple	Samsung	Google
iPhone 7 Plus	Samsung S5	Google Pixel
iPhone 7	Samsung Note 3	
iPhone 5S	Samsung S5 mini	
	Samsung S6	
	Samsung S7	
	Samsung S8	

BTX1 Features

Zones: 1

No. of Starts per Program: 3

Watering Schedule: 7 Day, Interval, Odd, Even & Cycle

Permanent Memory: No

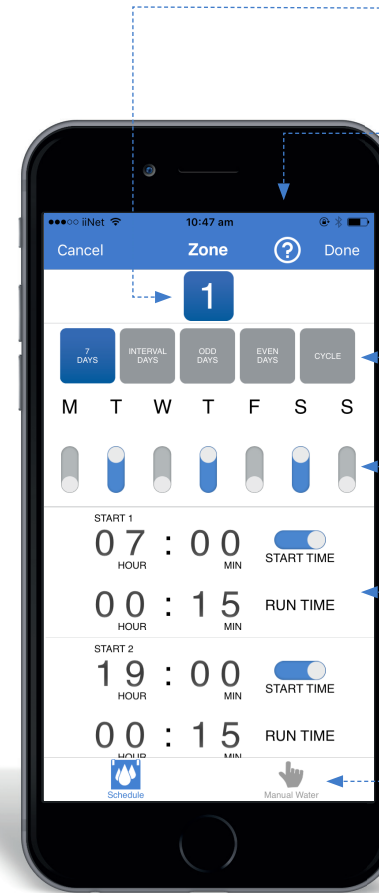**Power Source:** 9V Battery

Housing Type: Outdoor

DIY Friendly/ No Electrician Necessary: Yes

Manual Operation: Yes (via the app)

OPERATING THE IRRIGATION APP

Key Functions

ZONES
The number at the top is the watering zone. The Tap Timer only has one zone.

HELP
You can access the help page throughout the app.

SCHEDULING OPTIONS
Select the scheduling option that best suits your required watering. The one highlighted blue is the one you have selected.

DAY SELECTION
Slide the toggle button if you want that day selected and down to de-select the day.

TIME SELECTION
You can schedule up to three start times with individual run times. Select a run time for each start time.

MANUAL OPERATION
You can manually operate the tap timer by choosing a run time then pressing start and stop.

This will NOT override the automatic scheduling. If the zone is set to Cycle watering, then the Manual Water Run Time you choose will be the duration your Cycle will run for.

To instantly stop a watering schedule in progress, press the Stop button under Manual Operation.

Suspending Scheduling due to Rain

You will need to manually turn off the Start Time toggle button to suspend any watering if it is raining or forecast to rain. In order to not miss the next scheduled watering, ensure you turn the Start Time back on after the original schedule time lapses.
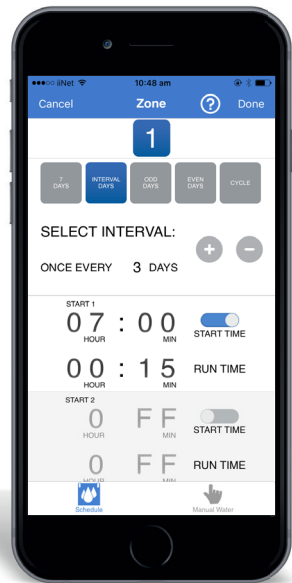
7 Day Watering Schedule
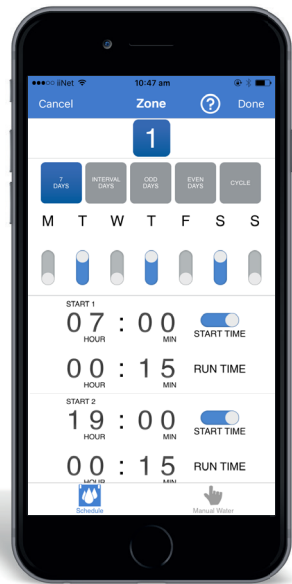
1. Select **7 Days.**

2. Select the day(s) you require.

3. Select your **Start Time.**
   You have the option to schedule three start times.

4. Select your **Run Time.**

EXAMPLE
The tap timer will water on Tuesdays, Thursdays and Saturdays for 15 minutes at 7am and 7pm.

Odd Days Watering Schedule

1. Select **Odd Days.**

2. Select **Odd-31.**

3. Select your **Start Time.**
   You have the option to schedule three start times.

4. Select your **Run Time.**

EXAMPLE
The tap timer will water on every odd day beginning the 15th September 2017. Every odd day it will water for 15 minutes starting at 7am. The 31st of any month will be skipped.
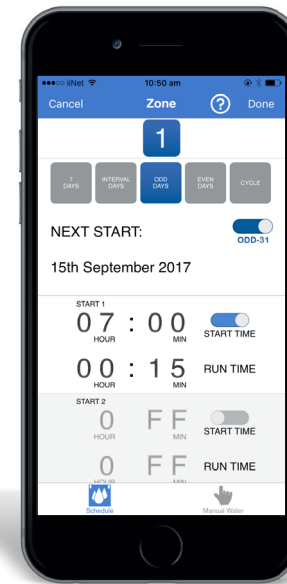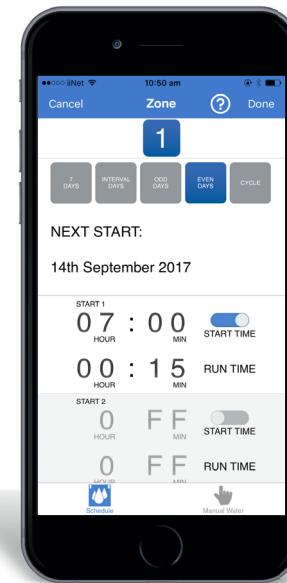
Interval Days Watering Schedule

1. Select **Interval Days.**

2. Select the interval you require by pressing **+** or **-.**

3. Select your **Start Time.**
   You have the option to schedule three start times.

4. Select your **Run Time.**

EXAMPLE
The tap timer will water once every three days for 15 minutes at 7am.

Even Days Watering Schedule

1. Select **Even Days.**

2. Select your **Start Time.**
   You have the option to schedule three start times.

3. Select your **Run Time.**

EXAMPLE
The tap timer will water on every even day beginning the 14th September 2017. Every even day it will water for 15 minutes starting at 7am.

GLOSSARY
Run time: the duration you want to water for. **Start time:** the time you want your watering to begin.
Odd-31: Select this option when using the Odd Days function if you want to skip watering on the 31st of the month.

Cycle Watering Schedule
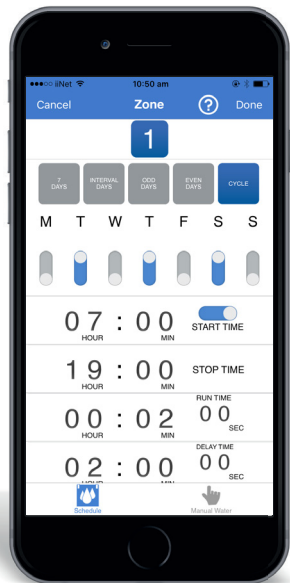
1. Select **Cycle.**

2. Select the day(s) you require.

3. Select your **Start Time.**

4. Select your **Stop Time.**

5. Select your **Run Time.**

6. Select your **Delay Time.**

EXAMPLE
The tap timer will water on Tuesdays, Thursdays and Saturdays.
It will start the cycle at 7am and finish at 7pm. During this time your watering will run for 2 minutes every 2 hours. This watering schedule option is great for misting greenhouses or greenwalls that require regular watering throughout the day.

Using the Cycle feature can drain battery life when the run and delay times are set at a high frequency. This should be taken into account when setting watering times. The Run and Delay times need to be set to at least 5 seconds when using Cycle scheduling.
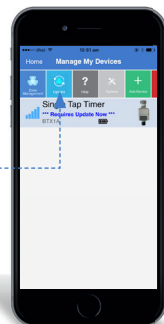
Saving your Schedule

When you have set the watering schedule via the app, you will need to save the schedule and update the tap timer to reflect the schedule settings.
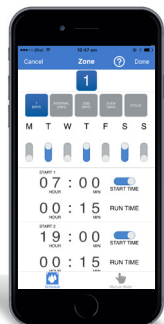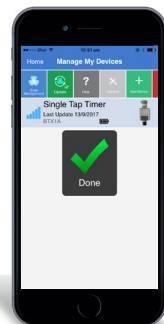

STEP 1
Set your schedule and press **Done.**

STEP 2
Ensure the corresponding tap timer is selected and within Bluetooth range (20m). Press **Update.**

Your schedule is saved.

WARRANTY

The manufacturer guarantees to the original purchaser that any product supplied by the manufacturer will be free from defects in materials and workmanship for a period of two years from the date of purchase. Any product found to have defects in material or workmanship within the period of this Guarantee shall be repaired or replaced by the manufacturer FREE OF CHARGE.

The guarantor does not guarantee the fitness for a particular purpose of its products and does not make any guarantee, expressed or implied, other than the guarantee contained herein. The guarantor shall not be liable for any loss from use of the product or incidental or consequential damages including damages to other parts of any installation of which this product is part.

The guarantee shall not apply to any equipment which is found to have been improperly installed, set up or used in any way not in accordance with the instructions supplied with this equipment, or to have been modified, repaired or altered in any way without the express written consent of the company. This guarantee shall not apply to any batteries or accessories used in the equipment covered under this guarantee or to any damage which may be caused by such batteries.

If the tap timer develops a fault, the product or panel must be returned in adequate packing with:

1. A copy of your original invoice.

2. A description of any fault.

It is the purchaser's responsibility to return the tap timer to the manufacturer or their agent by prepaid freight.

HOLMAN INDUSTRIES