



# Programmable Tap Timer

(Battery Operated)

## CO1805

### Single Outlet Model



### 10372

## GLOSSARY



### Installing to the tap.

- Slide the locking nut over the tap outlet.
- Screw the tap connector to the tap firmly by hand to ensure NO leaks.
- Place the tap timer onto the connector.
- Screw the locking nut to the tap timer. (Arrow indicates a left hand thread)



The unit will not open if the voltage is low.  
The display will show: ☹️



Single Outlet 3/4" BSP

### INSTALLING OR REPLACING BATTERY

- Use good quality alkaline 9 Volt battery.
- Simply unscrew the battery cover to access battery.
- As shown, install 1 x 9 Volt Alkaline battery in the correct orientation.
- Screw battery cover back into place.
- Internal valve will 'clunk' and close, to confirm that the battery is good.

## PROGRAMMING & OPERATING INSTRUCTIONS

Using the 4 control buttons, follow the steps below to program the tap timer.

Scroll using this button to set the time & day



Scroll using this button to program the timers automatic settings.

### Tips on using the buttons:

- Only the value in the field that is "flashing" can be adjusted using + or -.
- One press of any button will move you into the next field.
- Holding down the + or - button will speed up the programming process.
- Programming can be done away from the tap by simply fitting the battery.

### STEP 1 - SET CLOCK & DAY

(This product has a 12 hour clock)

- PRESS** [ON] button and the minutes will be flashing, adjust using + or -.
- PRESS** [ON] button and the hours will be flashing, adjust using + or -. Note: AM/PM is correct.
- PRESS** [ON] button to allow the setting of the current day of the week.
- Scroll through days by **PRESSING** [ON] until the current day is set.
- PRESS** [ON] & [ON] simultaneously to return to clock.

### STEP 2 - SET AUTOMATIC START(S)

The unit is capable of up to 9 individual starts per day. Each start can operate independently on the same day or on different days. Each start consists of a *start time*, the *days of the week* to operate and a *run time*. All fields need to have a setting for the unit to operate correctly. To get out of the programming cycle **PRESS** [ON] & [ON] simultaneously.

#### Set Start Time: (Note: 12 hour clock)

- To set an automatic start time:
- PRESS** [ON] & START No "1" will flash.
- PRESS** [ON] & the minutes will flash, adjust using + or -.
- PRESS** [ON] & the hour will flash, adjust using + or - buttons. Note: AM/PM is set correctly.

#### Set Watering Days:

**PRESS** [ON] & "MON" will flash. To delete day **PRESS** [ON] button & to re-activate, **PRESS** [ON]. Continue through the 7 days by pressing [ON] & either leave days active or delete as required.

#### Set Run Time:

- PRESS** [ON] & the run time in minutes will be flashing, adjust using the + or -.
- Minimum run time is 1 minute and the maximum run time is 255 minutes.
- NOTE:** If the run time is set to "OFF", this means there is **NO** run time recorded and will not water, even if a start time has been entered. Note: "OFF" is after 1.
- When setting a program, you must complete the full programming loop.
- PRESS** [ON] to return to the clock which completes the programming loop.
- If a second automatic start time is required, **PRESS** [ON] and START No "1" will flash. Move to START No "2" position by pressing [ON] button once.
- Proceed by **PRESSING** [ON] to set the start time, watering days and run time, adjust the values with the + or - buttons.

To get out of the programming cycle, back to the clock, **PRESS** [ON] & [ON] simultaneously.

### STOP

To stop an automatic or manual watering cycle, **PRESS** [ON] & [ON] simultaneously.

### Manual ON

To run manually for a length of time up to 255 minutes, **PRESS** [ON] (manual on) and set the minutes required by **PRESSING** either + or - buttons, after 5 seconds the unit will open.

### Manual RUN a start

- To run any automatic start time once, **PRESS** [ON] (manually run a start). The display will show START No "1" and will self activate in 5 seconds or **PRESS** [ON] button.
- To activate any of the other starts, first **PRESS** [ON] to enter into the "run a start" mode then followed by the [ON] button until you reach your desired start number. The unit will activate that start time in 5 seconds or simply **PRESS** [ON].
- If the unit does not turn on, your chosen start has the run time set to "OFF".

### OFF / Winter Shut Down

The CO1805 model requires the automatic start or starts to be suspended for winter. **PRESS** [ON] & [ON] simultaneously and "OFF" will be shown. To re-activate the automatic start times **PRESS** [ON] & [ON] simultaneously.

Note: It is recommended that the tap be shut off if the unit is off for an extended period.

### Battery

If the system is to be OFF for an extended period it is recommended that the pressure be turned off at the tap and remove the battery from the unit. It's recommended to removed the unit from the tap for storage. Batteries corrode over time, so for best results remove & start a new season with a new battery. Removing the battery deletes **ALL** programmed information.

**Note: Flat batteries will be shown by : ☹️ BATTERY and the unit will not open.**

### Water Saver

To reduce the automatic run time (or times) by %, **PRESS** [ON] & [ON] buttons simultaneously when the clock is showing. The display will show 100 (100%) and bud (budget). This represents the existing run time (or times) in the automatic program as being 100%. To reduce the run time by percentage use [ON] button. Example: 50 (50%) will halve the automatic run time or times. Note: Water budget reduces in 25% increments. **PRESS** [ON] & [ON] simultaneously to return to the clock. This feature is often used when the seasons change to allow different watering settings.

### GUARANTEE

HOLMAN INDUSTRIES guarantee to the original purchaser that any product supplied will be free from defects in materials & workmanship for a period of one year 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 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 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 must be returned in adequate packing with a copy of your original invoice & description of any fault.

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