

Battery Operated **PROGRAMMABLE**

Tap Timer

Single Outlet



GLOSSARY



Installing or Replacing Batteries.

It is recommended to use good quality alkaline 1.5 Volt AA batteries to get the best results. Simply unscrew the battery cover to access batteries. As shown, install 2 x 1.5 Volt AA batteries in the correct orientation. Screw cover back into place. The unit will not open if the voltage is low.

The display will show

CO1906 - RSR Socket



Rain Sensor Ready models have a socket to receive the RSR plug

Locking Nut

Tap Connector

Easy to read LCD display includes:

Current time

Individual Day

Watering

Start Number

Run Time

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)

Simple 4 button programming:
Set clock, Set Starts, Manual Start.

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



Increase Value

Scroll using this button to program the timers automatic settings.

Decrease Value

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 batteries.

STEP 1 - SET CLOCK & DAY

(This product has a 12 hour clock)

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

Set Start Time: (Note: 12 hour clock)

To set an automatic start time:

- PRESS** & START No "1" will flash.
- PRESS** & the minutes will flash, adjust using or .
- PRESS** & the hour will flash, adjust using or buttons. Note: AM/PM is set correctly.

Set Watering Days:

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

Set Run Time:

- PRESS** & 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** to return to the clock which completes the programming loop.
- If a second automatic start time is required, **PRESS** and START No "1" will flash. Move to START No "2" position by pressing button once.
- Proceed by **PRESSING** 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** & simultaneously.

ODD/EVEN Watering

In some areas using water restrictions, the system may need to be run only on ODD or EVEN days according to your letter box number.

- Set the Date: Use and and press until the day, month and year are shown. Adjust with or and advance with . Once complete **PRESS** & simultaneously to return to clock.
- Set Start Time: **PRESS** until "MON" is flashing. **PRESS** & simultaneously and "ODD DAY" will be shown. Change to "EVEN DAY" if required by using or and continue through the programming function with until the run time is set using or .

Note: Each start time needs to be set individually. To clear "ODD" or "EVEN DAY" scroll through with until "ODD" or "EVEN DAY" are shown and then press & simultaneously. Now the seven individual days are shown. Proceed using .

STOP

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

Manual ON

To run manually for a length of time up to 255 minutes, **PRESS** (manual on) and set the minutes required by **PRESSING** either or buttons, after the ball has finished turning.

Manual RUN a start

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

OFF / Winter Shut Down

The **CO1905** model requires the automatic start or starts to be suspended for winter. **PRESS** & simultaneously and "OFF" will be shown. To re-activate the automatic start times **PRESS** & simultaneously.

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

The **CO1906** model comes with a rain sensor socket at the bottom of the timer to take a HOLMAN rain sensor with a plug fitted. This feature will automatically shut the tap timer off when the sensor is wet. If your not using a rain sensor, individual start times can be turned off *manually* during winter or after heavy rain. Refer to the above instructions to simply turn a start time OFF.

Batteries

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 batteries 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 new batteries. Removing batteries 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** & 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 button. Example: 50 (50%) will halve the automatic run time or times. Note: Water budget reduces in 25% increments. **PRESS** & 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 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 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.

