



hydroaxis

**DIGITAL SECONDS TIMER
INSTRUCTION MANUAL**



HYDRO AXIS DIGITAL SECONDS TIMER

Thank you for purchasing your new Hydro Axis Digital Seconds Timer. Every component of this Hydro Axis Timer has been meticulously designed to provide the ultimate in control, safety and durability.

This manual will provide all the necessary information to set up and use your new Hydro Axis Timer.

Key Features:

- Precise, 1-second programmable timer intervals provide flexibility for use of this timer across a wide variety of applications including pumps, fans and lighting.
- The large Liquid Crystal Display and easy-press buttons make setting the timer an easy task even in cramped conditions.
- A built-in fuse combines both high performance and exceptional safety.
- Green, plant-friendly Light Emitting Diode status lights will not disturb plants during the lights-off cycle.





OPERATING INSTRUCTIONS

Deleting a Timer Program

In order to delete a particular program, first ensure that the buttons are unlocked. If the buttons have been locked and the screen is displaying a small padlock icon, hold the WEEK button for approximately 3 seconds – or until the padlock icon disappears.

Next, press the MODE button until the OFF operating mode is selected.

Press the PROG button until the desired program is displayed.

Press the MODE button once more to delete the displayed program.

Daylight Savings Mode

The Hydro Axis Digital Seconds Timer can be switched to Daylight Savings Mode with little fuss.

If necessary, unlock the buttons.

Press and release the CLOCK button to ensure the current time is displayed.

Press the HOUR button once. The screen will display +1h to indicate Daylight Savings Mode is activated.

At the end of the Daylight Savings period, simply repeat steps 1-3 above to return to Standard Time.



SAFETY INSTRUCTIONS

- The Hydro Axis Digital Seconds Timer is rated to a maximum current load of 10 Amp. Do not attempt to use this Timer with appliances that exceed this limit.
- Ensure that the plug of any appliance is fully inserted into the Timer outlet, and that the Timer itself is fully inserted into the power outlet.
- Do not immerse the Timer in water or any other liquid, or use the Timer where it may come into contact with liquids.
- Never leave attached appliances unattended during operation.

Maintenance

The Hydro Axis Digital Seconds Timer is encased in a durable, dust-resistant housing that removes the need for frequent maintenance.

If the Timer becomes dirty from regular use, disconnect it from the power outlet and clean it with a dry cloth.

Never attempt to repair the Timer yourself – always use a licenced electrician or a qualified service agent.



GETTING STARTED

The Hydro Axis Digital Seconds Timer requires very little effort to prepare it for operation.

Simply plug the Timer into a regular 220-240 Volt power outlet and turn the power on at the switch.

Leave the Timer plugged in for approximately 12 hours to ensure that the built-in Memory Backup Battery is fully charged.

Press & hold week button for 3 sec to unlock screen.

Reset the Timer by holding down the RESET button until the display begins to flash the screen below:



OPERATING INSTRUCTIONS

Setting the Current Time

It is necessary to set the current time in order for the timer programs to operate accurately.

To begin, first ensure that the timer has been reset as per the previous steps. If the buttons have been locked and the screen is displaying a small padlock icon, hold the WEEK button for approximately 3 seconds – or until the padlock icon disappears.

To set the time, press and hold the CLOCK button until all steps 3-5 below have been completed.

Start by pressing the WEEK button until the correct day is displayed.

Next, press the HOUR, MINUTE and SECOND buttons until the correct time is displayed. Please note that the Hydro Axis Digital Seconds Timer will display the time in 24-Hour format.

Once the correct day and time have been selected, release the CLOCK button to set the current time.



OPERATING INSTRUCTIONS

Operating Modes

The Hydro Axis Digital Seconds Timer has three primary modes of operation: **ON / AUTO / OFF**.

The desired operating mode can be selected by pressing the **MODE** button. See below for a description of each mode:

ON: The timer programs are disabled and the attached appliance will be ON continuously.

AUTO: The timer programs are enabled and the attached appliance will turn ON and OFF according to the set programs.

OFF: The timer programs are disabled and the attached appliance will be OFF continuously.

NOTE: When switching from ON/OFF to AUTO mode, the Timer will maintain the previous ON or OFF setting until the next Timer program begins.



Creating a Timer Program

After the Hydro Axis Digital Seconds Timer has been reset, the current day and time have been set, and the AUTO operating mode has been selected, it is possible to create the first timer program.

1. To begin, press the PROG button once and release. The screen will display PROG 1 ON -- : -- . -- and by default, all days of the week are active.
2. Individual days of the week or groups of days can be selected by pressing the WEEK button to cycle through the 14 available combinations.
3. The ON time of PROG 1 can now be set by pressing the HOUR, MINUTE and SECOND buttons accordingly. Press the PROG button to set the ON time.
4. Next, repeat steps 2 & 3 to set the OFF time for PROG 1. Once complete, press the PROG button to complete the set up of PROG 1.
5. The screen will now display PROG 2 ON -- : -- . --, allowing the creation of a second timer program. In total, 140 programs can be created per day.
6. Once all required timer programs have been created, press the CLOCK button to activate the Timer.

NOTE: When creating multiple timer programs, ensure that they do not overlap as this will lead to improper execution of the programs.

