

HOSELINK™

Digital Tap Timer with Flow Meter

User Manual

Item Code: 5808



1. QUICKSTART GUIDE

Your new HOSELINK Digital Tap Timer is easy to set up and use. After installing a 9V battery (see p.4), press and hold the 'Menu' **Button A** for 3 seconds to enter the setup mode. The timer cycles through each option on the screen every time you press **Button A**. Simply use the up and down buttons (**Button B and Button C**) to adjust each setting and press the O.K. button to confirm and move on to the next option. It is important to know the timer measures the volume of water rather than length of watering time.

You can use the tap without removing the timer whenever the timer is not in use by pressing the 'On' or 'Off' button to start or stop water flow.

Step	Setting	Description
1	Day of the week	Set today's day
2	Time	Using 24 hour clock, set the time now
3	Start	Time you want watering to commence
4	LIT	How many litres you want to be watered
5	Mist Cycle	Most users will select 100%
6	Cycle Time	Frequency – how often water is released. 1 Day is most commonly used. See Table 1 (P.7) for more info.
7	Watering Days	Put a raindrop next to each day you want watering to occur
8	Prog. ON/OFF	Turns the system on or off

Step	Setting	Description
1	Resetting the Tap Timer	To start from scratch, press and hold 'Menu' Button A for 3 seconds to enter the setup mode again.

We recommend you choose a simple watering cycle the first time and move on to more complex settings thereafter, if required. Below are some simple set-up options for example.

Suggested Option	Settings to Select	Description
1	Set today's day and time, 6.00am, 20L, 100%, 1 Day, ♠Mo, ♠We, ♠Sa, On	Waters 20L of water of 6am, once a day on Mondays, Wednesdays and Saturdays.
2	Set today's day and time, 6.00am, 40L, 100%, 12 HR, ♠Mo, ♠Th, On	Waters 40L of water at 6am and 6pm (twice a day) on Mondays and Thursdays
3	Set today's day and time, 7.00am, 30L, 100%, 2 Days, ♠Mo, ♠Tu, ♠We, ♠Th, ♠Fr, ♠Sa, ♠Su, On	Waters 30L of water at 7am every second day. To cycle every 2 nd , 3 rd , etc. day you must have a raindrop next to every day or the timer will not operate.

For more detailed instructions, read on.

2. Installing the Battery for the first time:

- Pull the digital face away from the Tap Timer body. It is normal to meet some resistance. See Figure 1 below.
- Place the battery behind the digital screen as seen in figure 2.



Figure 1

Figure 2

- Once battery is installed put the digital screen and body back together.

3. BUTTONS on the CONTROL PANEL:

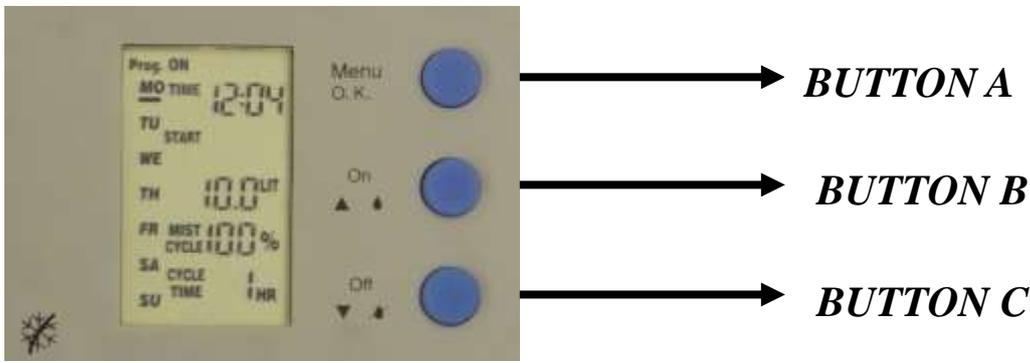


Figure 3

Button A - Menu/O.K.: This button is used for setting the Time and program schedule. It is also used for changing selection of setting and to confirm program set up.

Button B- ▲💧 On: Increase digital value/Selecting the raindrop icon on the day(s) of the week that watering is required.

Button C- ▼💧 Off: Decrease digital value/Removing the raindrop icon from the day(s) of week that watering is not required.

4. The Digital Display

TIME: Current Time (indicated on top right corner)

START TIME: Next watering time

LIT: Volume of watering (0.1~999.9 Lit)



: Manual watering time (10 Lit)

MIST CYCLE: Divides the allocated amount of water (LIT) and disperses in intervals to allow for distributed watering. The digital values range is (10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%).

CYCLE TIME: How frequently the Tap Timer is activated to dispense water. For example if the CYCLE TIME is set at 12 Hours it will dispense water twice daily. See **Table 1** above.

 : The drop icon Indicates the days of week watering will happen. If a day of week does not have the Drop icon next to it watering will not happen that day.

Prog. ON: When ON is displayed the set schedule will be run.

Prog. OFF: When OFF is displayed the set schedule will NOT be run.

FEATURES :

*MIN. operating water pressure : 0.5 bars

*MAX. operating water pressure : 8 bars

5. Setting the Time and Schedule of Tap Timer:

When the battery is installed, the screen will display days of week from Monday (MO) to Sunday (SU), TIME, START, LIT (LIT Stands for litre. This is how much water will be dispensed) MIST CYCLE and CYCLE TIME. See Figure 4 below.



Figure 4

Setting up for the first time

(a) Set Day of Week (the day it is today):

Press and hold **Button A** – (Menu/O.K.) until the cursor under **MO** (Monday) starts to flash (About 3 seconds). When the cursor under **MO** (Monday) starts to flash the device is in Setup mode. Use **Button B or C** to scroll to the correct day of the week. This lets the Tap Timer know what day of the week it is.

(b) Set TIME (the time it is now):

Once the Day of the week is set Press **Button A** – (Menu/O.K.) again to set the time. When the Hour setting on the clock is flashing use **Button B or C** to set the hour setting (in 24 hour time). Press **Button A** – (Menu/O.K.) again to set the minute time. When the minutes are flashing use **Button B or C** to set minutes. Once time is set press **Button A** – (Menu/O.K.) to set the START time schedule.

(c) Set START time Schedule (when watering will commence):

When the Hour is flashing use **Button B or C** to set the Hour time. Press **Button A** – (Menu/O.K.) to set the minutes. When minutes are flashing use **Button B or C** to set the minutes.

(d) Set LIT (LIT Stands for litre “Water Flow Volume”. This is how much water will be dispensed through the Tap timer)

Press **Button A** – (Menu/O.K.) to set the “Water Flow Volume” LIT. When LIT is flashing use the **Button B or C** to set the “Water Flow Volume” in litres. The digital values range is from 0.1~999.9 Litres.

(e) Set the MIST CYCLE: (Most common use is 100%)

To set MIST CYCLE Press **Button A** – (Menu/O.K.) so MIST CYCLE is flashing. Use **Button B or C** to set the

Button B or C %. Digital range is: 10% to 100%.

MIST CYCLE will set how quickly the water is dispensed. For example if the MIST CYCLE is set at 100% all the water will be released in one hit. If MIST CYCLE is set at 20% the water will be released in five portions.

Example:

If given Water Flow Volume = 10 Lit and MIST CYCLE = 20%.

The tap timer waters for 2 Lit, then stops for 10 minutes,

then repeats the number of watering until 100% is reached. = $100\% \div 20\% = 5$ times

(f) Set the CYCLE TIME

To set CYCLE TIME press **Button A** – (Menu/O.K.). When CYCLE TIME is flashing use **Button B or C** to set the CYCLE TIME required. (Most common use is 1 Day)

The CYCLE TIME setting is how frequently the timer is activated and water is released. The digital values range is from 1HR, 2HR, 3HR, 4HR, 6HR, 8HR, 12HR, 1 DAY, 2 DAYS, 3 DAYS, 4 DAYS, 5 DAYS, 6 DAYS and 7 DAYS.

Example:

If START time is 19:30 on Tuesday and Water Flow Volume = 10 Lit and MIST CYCLE = 100% and CYCLE TIME is 4 Hours:

The Tap Timer will water for 10 Litres at 19:30 on Tuesday, Then 4 hours later at 23:30 will water again for 10 litres

(g) Set the WATERING DAYS (Monday to Sunday)

To set the WATERING DAYS press **Button A** –(Menu/O.K.). The Drop icon  next to MO (Monday) will begin to flash. Use **Button B** to select the days for watering. Use **Button C** to remove the Drop icon  and so there is no watering on that day.

WATERING DAYS (Monday to Sunday) allows the user to selects the days of the week to water.

Example:

Watering can take place every Monday, Friday and Sunday of the week. See Figure 5 below and note the Drop icon  next to MO, FR and SU.

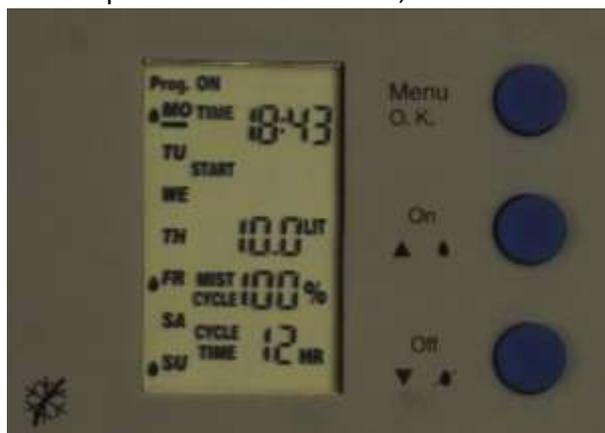


Figure 5

(h) Set the Prog. ON/OFF:

Press **Button A** – (Menu/O.K.) to set the schedule ON or OFF. When flashing press **Button B or C** to turn ON or OFF.

(i) To finish Setup press **Button A** – (Menu/O.K.) for the last time. The screen will flash and the setup is

complete. If changes to setup are required re-do steps (a) to (i).

6. Other Useful Features

(d) Manual Override ON

To run the manual override and turn the tap ON press **Button B (ON)**

This feature allows the user to easily override the schedule and turn the tap ON. When ON the

following icon will flash on the screen. 

(e) Manual Override OFF

To run the manual override and turn the tap OFF press **Button C (OFF)**

This feature allows the user to easily override the schedule and turn the tap OFF if required.

(f) Low Battery Alert

At the bottom center of the digital screen, the following icon  will continually flash when the battery is running low. The battery must be replaced at this point. See section 2 for instructions.

(g) The Tap Timer has a lid to protect the screen from the elements. To protect the screen keep the lid shut whenever possible.

7. Replacing the Battery

(h) Before changing the battery press **Button C** to shut off the water flow. Have the replacement 9 volt battery ready.

(i) Pull the front face off the timer. The battery is stored behind the digital screen. See Figure 6 and 7 on the next page. (HOSELINK recommends the use of an alkaline battery).



Figure 6



Figure 7

(j) When the 9 volt battery is removed the settings on the Tap Timer will be stored for about 30 seconds. If the new battery is replaced quickly the Tap Timer will not need to be reconfigured. See Figure 5 above.

(k) Once the battery is replaced fit the screen back onto the Tap timer body. The timer will then continue to work.

8. Things to Remember

(a) Please keep your Tap ON after the watering schedule is set up.

(b) Programmed watering schedule will be overridden by pressing **Button B (ON)** or **Button C (OFF)**.

(c) When the programmed watering schedule is interrupted, any unfinished cycle will be cancelled

automatically.

- (d) When the watering schedule is being executed, schedules cannot be changed.
- (e) When watering more than 1 time a day refer to **Table 1** on the following page:

Number of watering times	CYCLE TIME to be set
1	1 DAY
2	12 HR
3	8 HR
4	6 HR
6	4 HR
8	3 HR
12	2 HR
24	1 HR

Table 1

9. Setup Example:

Watering one time a day CYCLE TIME: 1 Day (24 hrs)

If: Day of Week: MO, TU, WE, TH, FI, SA and SU
TIME 6:00
START 7:00
Water Flow Volume 10 Lit
MIST CYCLE 30 %
CYCLE TIME 1 DAY

Watering will begin at 7:00

Duration of watering time will be executed as:

- Waters 3 Lit, stop for 10min
- Waters 3 Lit, stop for 10min
- Waters 3 Lit, stop for 10min
- Waters 1 Lit, then stop

The next START TIME will be renewed as 7:00 (7:00 + 24hrs) on the following day. So, CYCLE TIME is: 1 DAY.
This means watering will occur one time a day.

10. WARNINGS :

- ⊙ Water temperature should not exceed 40°C
- ⊙ DO NOT leave the instrument exposed to very low temperatures (snow and frost)
- ⊙ DO NOT use the instrument indoors.
- ⊙ Always replace the battery before you leave for a long period
- ⊙ Never use the instrument without its filter (The Filter/Washer is included with the Tap Timer)
- ⊙ Check periodically that the Filter is placed correctly and is clean.