melnor

HydroLogic

53100 / 53101

Advanced Two-Zone Electronic Water Timer

User Instructions ■ English

53100_INS_ENG_03

Cursor Button

+/- Buttons

Manual Watering Button

Zone 1 2 Button

Battery Indicator

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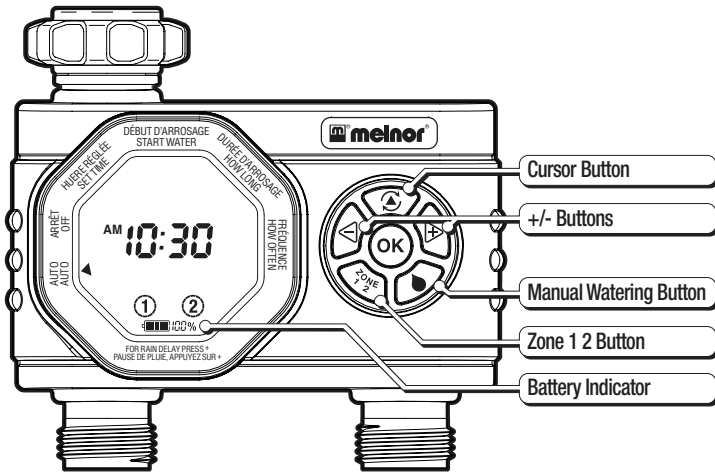
1 Battery Installation & Assembly

Batteries

Install **2 × AA alkaline batteries** by removing the battery holder from the back of the **Timer Control Unit** and inserting the batteries as indicated. Replace the battery holder.

NOTE: Do not use rechargeable batteries. Recycle batteries after use.

We recommend replacing batteries when the indicator reaches 20%

Installation

Attach the timer to an outside faucet and turn on the water. Leave the faucet on while the timer is attached.

NOTE: You may program the timer before attaching it to the faucet.
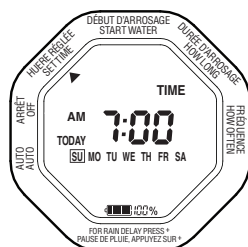
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2 Setting the Clock

Touch any button to wake the timer.

Using the **Cursor Button**, move the arrow to **Set Time**.

Press the & buttons to adjust the clock to the current time. Press **OK**

Adjust the current day-of-the-week using the & buttons. Press **OK**

Press the **Cursor Button** again to set the time and move to the next setting, **Start Water**.

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3 Select when to water

With the arrow pointing to **Start Water**, use the & buttons to select the first time of the day you want to water. All remaining watering cycles during the day will be based on this time.

Press **ZONE** to change the zone. You must set start time for each zone you are programming. You must first enter a start time for each zone you are programming before any other settings for a zone.

Press the **Cursor Button** to move to the next setting.

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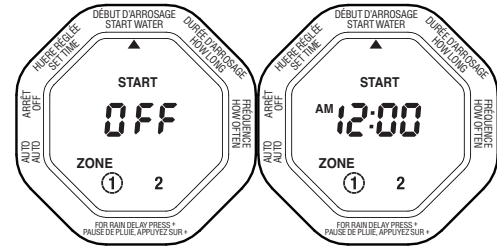
4 How Long to Water

With the arrow pointing to **How Long** use the & buttons to select the length of each watering cycle.

Cycles can be up to **360 minutes (6 hours)** in duration.

Press **ZONE** to change the zone. You must set **How Long** for each zone you are programming before proceding.

Press the **Cursor Button** to move to the next setting.

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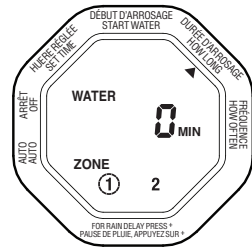
5 How Often to Water

With the arrow pointing to **How Often,** use the & buttons to set the watering frequency.

This timer offers two ways to select watering frequency. **5a.** Select Days **5b.** Regular Intervals

Select Days Example

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
●			●	●		

Regular Intervals Examples

EVERY 1 DAY

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
EVERY WEEK	●	●	●	●	●	●	●

EVERY 2 DAY

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE	●		●		●		●
WEEK TWO		●		●		●	

EVERY 3 DAY

|	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE		●			●		
WEEK TWO	●			●			●

5a How Often to Water, Select Days

With the arrow pointing to **How Often** use the & buttons to navigate days-of-the-week.

When a day is flashing, you can press **OK** to select it. The day will be outlined when selected.

After selecting days, continue pressing the button until **EVERY 24 HRS** appears.

In order to water once every 24 hours (once per day) on the selected days, simply press the **Cursor Button** to move to the next setting. If you want to water more than once a day, press the button to select between 1 and 24 times per day.

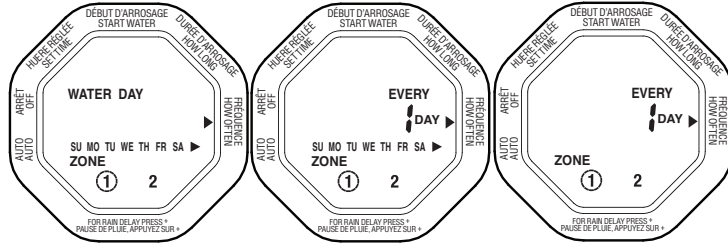Press **ZONE** to change the zone or the **Cursor Button** to move to the next setting.
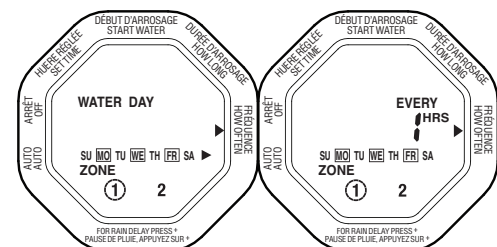
5b How Often to Water, Regular Intervals

With the arrow pointing to **How Often** press the 🔼 button to navigate past the days days-of-the-week.

You will be able to water as often as every 1 hour, every day or as infrequently as once every 7 days.

Press **ZONE** 🔘 to change the zone or the **Cursor Button** 🔘 to move to the next setting. You must set **How Often** for each zone you are programming before proceding.

8 Off Mode

If you wish to stop watering for an extended period, push the **Cursor Button** 🔘 until the arrow points to **OFF**.

The timer will not water automatically while in this mode. The screen will display the word **OFF** in large letters.

To start watering automatically again, simply press the **Cursor Button** 🔘 until the arrow is pointing to **AUTO**. The program will begin watering at the next available **Start Time**.

NOTE: Setting the timer to **OFF** disables all watering zones. In order to disable a specific zone (or zones), use the **Cursor Button** 🔘 to move to **HOW LONG**. Ensure you are adjusting the desired watering zone by using the **ZONE** button. Adjust the **HOW LONG** setting to "0". To reactivate the zone, adjust the **HOW LONG** setting back to the desired watering duration.
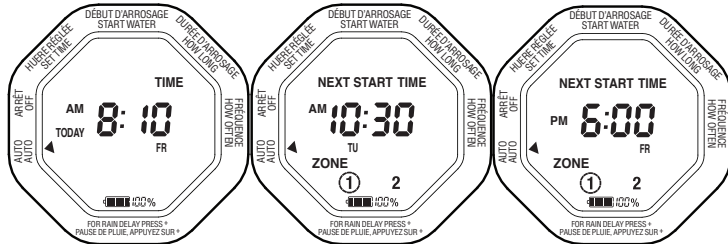

6 Auto Mode

After programming, the timer will be in **Auto** mode. Your watering programs will only operate when the timer is in **Auto** mode.

If the timer is not in **Auto** mode, press the **Cursor Button** 🔘 to switch to **Auto**.

The screen display will alternate between the current **TIME** and the **NEXT START TIME** for each zone.

If the next watering cycle is more than 24 hours away, the **NEXT START TIME** will be displayed in days instead showing a time.

9 Manual Watering

Press the **Manual** button (💧 on multi-language models)

Press **ZONE** 🔘 to select the zone you want to open. Then press the ◀ or ▶ button to adjust the amount of time you want the valve to be open.

The valve will open after a few seconds and automatically close after the selected time.

7 Rain Delay Mode

If there is rain in the forecast and you want to temporarily stop watering, you can use Rain Delay.
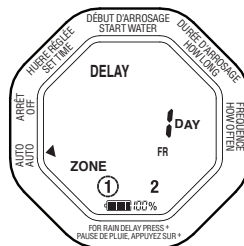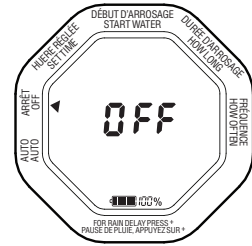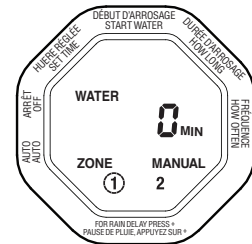
Rain Delay Mode will stop all watering for up to 7 days.

After the delay period, the watering program will begin running automatically.

To activate **Rain Delay Mode**, make certain the arrow is pointing to **AUTO**. Press the 🔼 key to select the delay period. You can reduce or deactivate the delay period with the ◀ key. Once you see the desired delay period, press 🆗 or wait for the numeral to stop flashing.

In **Rain Delay Mode**, the screen will toggle between the current **TIME** and the remaining **DELAY** time. If the delay is greater than 24 hours, the **DELAY** will be shown in **DAYS**.

NOTE: Once activated, you can deactivate **Rain Delay** by pressing ◀ until **DELAY** dims and the cursor moves to **AUTO**.

10 Timer Reset

If you need to completely erase all settings in the timer and return it to it's original state, press and hold the 🆗 button for 7 seconds.

The screen will display **RESET** to confirm the action.

**NOTE:** All programming will be lost when the timer is **RESET**.
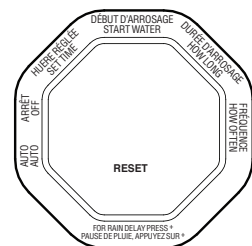
Works with
melnor HydroLogic
Soil Moisture Sensor
(not included)

Prevent overwatering while conserving water by connecting your timer to the HydroLogic® Soil Moisture Sensor. The easy to set sensor monitors moisture in the soil, and will suspend a watering cycle when it is raining or when the ground is already wet. Adjust the dial to maintain just the right amount of moisture for healthy lawns and gardens.

Learn more at **www.melnor.com**
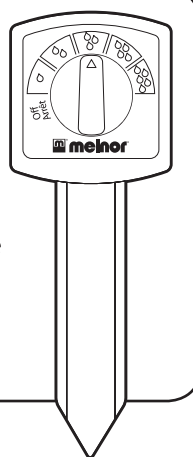
Warning: Intended for outdoor use only. Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Do not use water more than 115°F (46°C). Do not use when the ambient air temperature is less than 40°F (4.5°C). When not in use, remove batteries, drain and store indoors away from freezing temperatures.