melnor 93015, 93100, 93280

1, 2 & 4 Zone Bluetooth® Water Timers

An easy and convenient way to manage your lawn and garden watering. This instruction guide is a universal manual for Melnor 1, 2 and 4 Zone Bluetooth® Water Timers.

User Instructions ■ English

93XXX_INS_ENG_01

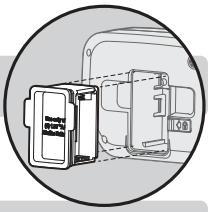
Instruction Update

We recommend you download the latest version of these instructions at:

www.melnor.com/btupdate
This is: **Revision 01**

1 Battery Installation & Assembly

- Remove the battery holder from the back of the Timer. Insert **4× AA Alkaline** batteries. Replace the battery holder, making sure that it is firmly and securely placed in the Timer.



NOTE: *Once batteries are in place in the Timer, a green light will flash twice.*

- Attach the Timer to an outside faucet and turn water on slowly. The water must be left on while the Timer is attached to the faucet for your Timer to operate.

NOTE: *Replace batteries when Timer battery indicator flashes a red light or when the battery icon in the app turns red. Please use only Alkaline batteries. Do not use rechargeable batteries.*

2 Download Melnor BT App

- Compatible with Bluetooth® 4.0 devices (minimum required iOS 9 or Android V7.0).
- Download and install the **Melnor BT** app from the Google Play or Apple Store.
- Visit the **Google Play Store** or **Apple App Store** and search for **Melnor BT** or scan the QR code to download the app.
- Make sure Bluetooth® is activated on your smart phone or tablet.
- After the app is installed, tap to launch the app.

NOTE: *Your phone must be within 30 feet of the timer to operate the device.*

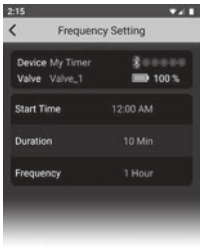
3 Automatic Watering

Open the **Melnor BT** app.
Tap → or the Timer photo to go to the Valve screen.
Tap → or image on the Valve you want to schedule.
Tap **"Program On/Off"** to on. (Green)
Tap **"Watering Mode"** to set the scheduling **"By Frequency"** or **"By Week Day"**. Tap "**Setting**" to confirm.



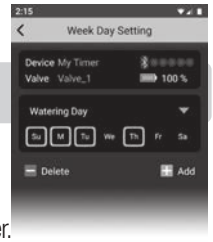
NOTE: *Scheduling* **"By Frequency"** *waters at regular intervals.*
i.e., Every 12 Hours, Every Day, Every 2 Days.
Scheduling **"By Week Day"** *allows you to select specific days to water.*
i.e., Monday—Wednesday—Friday; Sunday—Wednesday; Tuesday only.

4 Schedule "By Frequency"



- Tap **"Start Time"** to adjust the first watering start time of the day and tap **"OK"**.
- Tap **"Duration"** to adjust how long you want to water and tap **"OK"**
- Tap **"Frequency"** to adjust how often you want to water and tap **"OK"**
- The Valve is now ready to water. If using a 2 or 4 zone Timer, complete scheduling as needed for each Valve following the same steps.
- You can return to the home screen by tapping **"<"** in the upper left corner. The time until the next watering cycle will display on the Valve setting screen.

5 Schedule "By Week Day"



- Tap **"Watering Day"** to select which days you want to water.

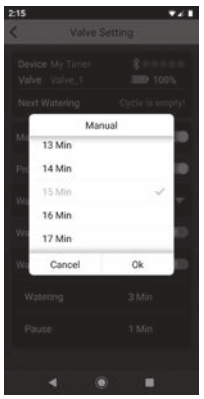
NOTE: *The selected days will be highlighted in yellow. All days are selected by default.*

- Ensure **Cycle 1** is turned on. (Green)
- Tap **"Start Time"** to adjust watering time for that cycle. Tap **"OK"**.
- Tap **"Watering"** to adjust how long you want to water. Tap **"OK"**.
- **Watering Cycle 1** is now programmed.
- To add additional watering cycles, tap **"Add"**. You may set up to 12 watering cycles on each Valve.
- Set **"Start Time"** and **"Watering"** as in the previous steps. Tap "**OK**".
- If using a 2 or 4 zone Timer complete scheduling as needed for each valve following the same steps.
- You can return to the home screen by tapping **"<"** in the upper left corner. The time until the next watering cycle will display on the Valve setting screen.

NOTE: *You may deactivate a* **"Cycle"** *temporarily (Gray) and reactivate as needed. Turn on (Green) to resume.*
You may permanently delete a cycle by tapping the **"Delete"** *button. Trash icons will appear beside each cycle. Tap the trash can icon to remove.*

6 Manual Watering

There are two ways to turn on the water manually: ***Directly from the timer*** or ***through the app***.

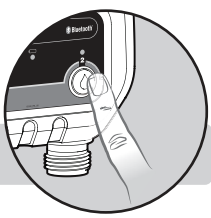


Manual watering from the app:

- Tap on the **Timer** you want to control.
- Tap on the **Valve** that you want to open manually.
- Set **"Manual"** to turn on (green) the valve. The water will begin to run.
- Tap the time to adjust how long you want to water. Tap **"OK"** to set. This will become your new default manual watering time.
- The app will show the remaining manual watering duration.
- You can cancel Manual Watering at any time by setting **"Manual"** to off (Gray)

Manual watering from the Timer:

- Press the yellow button on the Timer above the Valve you want to use.
- The Valve will open for the last manual watering time set in the app. (Default factory setting is 20 minutes)
- To stop the water at any time, press the yellow button above the Valve again.



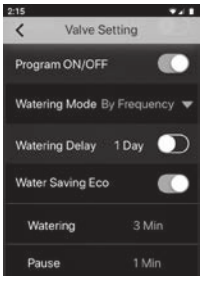
NOTE: *You can turn the water on using the app and off from the Valve or vice versa.*

7 Delay Watering

If there is rain in the forecast, you can skip watering for a period of time.
From the Valve screen select the valve you want to delay.
Activate the delay by tapping the **"Watering Delay"** switch on (green)
Once the **"Watering Delay"** is on (green)you can adjust the duration by tapping the delay period.
Select the amount of time you want to pause the watering schedule and tap **"OK".**

NOTE: *You must set Watering Delay separately for each Valve.*

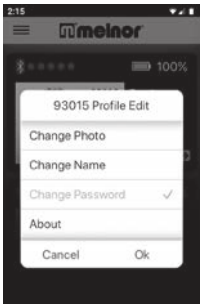
8 Eco Mode



Eco Mode is an optional setting that creates a 1 minute pause for every 3 minutes of watering. This allows the water to soak in the soil and reduce water run-off.

- Open the **Melnor BT Timer** app.
- Enter the Valve you want to create Eco Mode on.
- In the Valve Setting screen turn on Eco Mode by tapping **"Water Saving Eco"**.
- You may choose to alter the Eco Mode values by tapping and changing the preset Watering and Pause times.
- The Eco mode setting will apply to all cycles on that Valve.

9 Set a password



- For security you can create a password for your device to protect it from unauthorized users. The password will be required for any user to access the Timer.
- To create a password Tap the pencil icon, then **"Change Password"** and tap **"OK"**.
- Enter a four-character password and tap confirm. You can use numbers, letters, or both.
- To reset your password, remove the batteries from the Valve Unit. Reinsert the batteries while holding down the button on Valve 1 until the battery indicator turns red, then release. The unit is now reset.

NOTE: *There is no default password. If you forget your password you will need to reset the device, this will reset all saved setting as well.*

10 Customizing Melnor BT App

Customizing your Device

- You can customize the Timer's name and image as it appears in your app.
- Tap pencil icon on the screen.
- Tap **"Change Photo"** to replace the default image with a new one and tap **"OK"**.

Use an existing photo

- To use an existing image on your smart device, tap **"Albums"** and tap **"OK"**.
- Tap which image you want to use and tap **"Choose"**.
- To revert to the original preset image, tap Pre-Set Photo and tap **"OK"**.

Take a new photo

- To take a new photo, tap camera and tap **"OK"**.
- Your device camera will open. Take the photo you want and tap **"Use Photo"**.

Change the device name

- Change the name of your Bluetooth® Timer to easily identify where you are watering or distinguish between multiple timers.
- To change the device name, tap **"Change Name"** and tap **"OK"**.
- Enter the desired name (max 12 characters) and tap **"OK"**.

Customizing Valves

- You can customize the name and image of each Valve in your app to easily identify where you are watering.

Use an existing photo

- To use an existing image on your smart device, tap **"Albums"** and tap **"OK"**.
- Tap which image you want to use, and it will load into place.
- To revert to the original preset image, tap Pre-Set Photo and tap **"OK"**.

Take a new photo

- To take a new photo, tap camera and then tap **"OK"**.
- Your device camera will open. Take the photo you want, and tap save.

Change the Valve/Valves name

- To change the device name, tap **"Change Name"** and tap **"OK"**.
- Enter the desired name (max 12 characters) and tap **"OK"**.

11 Additional Information

- Freezing temperatures can cause water to freeze and expand, damaging the Valve Unit. At the end of the season or when there is frost in the forecast, remove your timer from the faucet, remove the batteries and be sure to store the timer indoors, away from freezing temperatures.
- When attaching the Valve Unit to the faucet, be sure to turn the water on slowly.

FCC ID: VAF-93B1
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Caution: Any changes or modifications not expressly approved by Melnor® could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment of and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.
To comply with FCC RF exposure requirements, the device and the antenna for this device must be installed to ensure a minimum separation of 20cm or more from a person's body. Other operating configurations should be avoided.

CAN ICES-3 (B)/NMB-3(B) Canada Statement (ISED Statement)
ISED Certification Number: 7111A-93B1
Model: 93015, 93100, 93280
This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Range: 30 ft. (10 meters) without interference
Pressure Operating: 10 - 120 PSI
Temperature Operating: 32 - 110° F (0 - 45° C)
Frequency Band: 2402 - 2480 MHz
Operating Frequency: 915MHz
Max Power: < 20 dBm

Melnor, Inc.
109 Tyson Drive
Winchester, VA 22603, USA