

Quick Start **Programming**

for Smart Timer ST12R

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Sprinkler Checklist

www.weatherset.com/SprinklerCheckList.html

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Only 3 simple programming steps are required

for most installations because many of the routine settings of this sprinkler timer are already set for you. These routine settings are

- correct Year, Month and day of month (*Step 15 in Detailed Manual*)
- Start Time in each program set at 3 am (*Step 12 in Detailed Manual*)
- Most significantly,

Stop RUNOFF-Set Cycle Limit set at 4 minutes per hour for each valve. So, as you increase the MAX Runtime for any valve above 4 minutes, the controller will spread the extra minutes over additional hours. The Cycle Limit automatically breaks long runtimes into shorter cycles so that the water has time to penetrate the ground rather the runoff into street, streams and drinking water of our city.

Step 1: Rotate main switch to **Assign Valves to Flower, Lawn, Shrub, LWU (low water usage) or Fixed programs** as shown in Figure 1. The Flower™ program will water more days each week than the Lawn™ program which will water more days each week than the Shrub™ program. The LWU program is for California Friendly plants. (*Step 20 in Detailed Manual explains these programs.*)

Use the **NEXT** and **PREVIOUS** switches to the left of display to move to different valves. For each valve push and hold the **NO** switch to the right of the display until the proper program flashes in view.

Step 2: Rotate main switch to **Set MAX Runtime** as shown in Figure 2. Push and hold the **MORE** and **LESS** switches to the right of the display to change the minutes of watering for each valve. As a good starting point, use the minutes for each valve that was in your old controller.

Step 3: Watch your landscape for a few weeks after installing the smart timer and adjust **MAX Runtime** for more or less minutes depending on the needs of landscape. During the first hot spell, you may need to make additional adjustments to tune the settings of the controller.

After these initial tunings of the watering program, this smart, self-adjusting, weather-based sprinkler timer will create healthier and stronger gardens with automatic water conservation.

Enjoy your new self-adjusting, smart sprinkler timer.

Figure 1: Assign Valves to Flower™, Lawn™, Shrub™, LWU or Fixed programs selected by rotary switch. Display shows that Valve 3 is assigned to **Shrub™** program. Also shown are the Water Days for the program under current weather.



Figure 2: Set MAX Runtime is selected by rotary switch. Display shows that MAX Runtime for Valve#1 is set to 8 Minutes. Any Runtime from 0 to 255 may be set for each valve.

