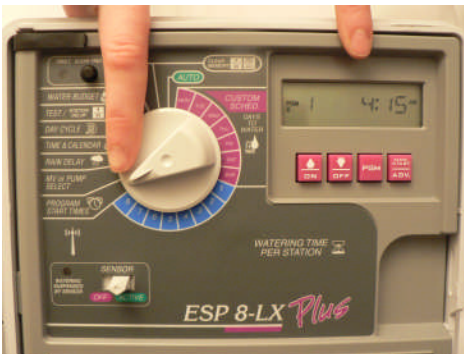




RainBird ESP LX+ Controller



Multiple Programs This controller has 4 programs (A,B,C,D). This allows for unique programs (Shrub, lawn, new sod, etc.) This feature saves water because it allows for different schedules such as full sun areas vs. shady areas. Plants typically need less water than lawns so they could be watered twice a week vs. 3 or 4 times a week for lawns. Multiple programs let you account for these differences. For example, the button shown in the picture labeled PGM selects a program to work with. The display shows which program is active. Here it is showing Program **B**. The dial is set on Station 2 runtime, but when creating any schedule feature such as runtime, start time or watering days you will need to make sure the correct program is active when creating or changing that specific schedule feature.



Cycle-Soak Many sprinkler systems apply water faster than the soil can receive it. This causes run-off, which is a major cause of water waste. Using cycles or multiple starts helps eliminate this problem. For example, if you need to water for 20 minutes you can split that up into two 10 minute segments with some time in between to let the water soak into the soil. On this controller it is done with multiple starts. There are up to 6 start times per program. They are “stackable” which means that you can set start times of 6:00, 6:05 and 6:10 and even if the schedule runs into the next start time it will “stack” or hold off on the next start time until the first is finished. Decide what your runtime needs to be and then divide it by the number of cycles you want. Next, select the program you want and pick a start time for the first cycle and then the second, etc. This picture shows Program **A** with a start time of 4:15 am.

For more information go to: www.savingwater.org or call: 206-684-7283



Saving Water Partnership

Seattle and Participating Area Water Utilities

Conservation Controller Feature Instructions

Page 2



Water Budget Watering schedules should be changed as the weather does. This can be a time consuming effort were it not for the water budget or water percent adjustment feature. This feature allows you to change all of the watering times with one simple adjustment. As seen in the picture, turn the dial to Water Budget and a percentage number will appear on the screen. Select the program desired using the PRG button and then use the arrows to adjust the percentage number up or down. If you set your original schedule to the hottest time of year this becomes the 100 % setting. As the weather gets hotter or cooler you can then adjust your schedule as needed with just one adjustment. To find an accurate and real time percentage to use go to: www.iwms.org and look for the "Irrigation Index". You can easily develop a base watering schedule by going to www.iwms.org and go to "Calculators".



Rain Sensor Use In the Puget Sound area rain sensors are a "must have" for automatic systems. This device senses rainfall and then prevents watering if a preset amount of rain occurs. It is purchased separately and mounted on the eaves of the house where no obstructions will prevent rain from entering the device. (consult an irrigation professional for installation). In the center left of the picture it shows the rain sensor bypass switch. This should be in the "active" position unless manual testing of the system is needed. There are rebates available for rain sensors through the Saving Water Partnership at www.savingwater.org.

For more information go to: www.savingwater.org or call: 206-684-7283