

YL10468 Smart Controller Manual



Buttons and Dial Position	Function
MANUAL	To water manually
RAIN DELAY	To pause operation for 0,24,48,72 Hours,due to rain or other facotors
PROG A/B	To move between programs A and B
CLEAR	To clear a setting
ENTER	To confirm a setting
+,-	To increase or decrease a numeric setting
>	To advance to the next setting/watering station/days/other settings
<	To go back to the previous setting/watering station/days/other settings
RUN	Automatical running of set program
OFF	Turn all stations/functions off
SET CLOCK	Set clock time, Year, Month, and Day
START TIME	Set time to begin watering
HOW LONG	Set watering duration for each station
HOW OFTEN	Set watering frequency
RESET	Reset the controller

Function:

- Station#: can be configured to 4,6,8 stations, master pump wire available.
- Program A and B: each program can set 4 Start Time, Duration(How Long) can be set from 1 min to 240 min.
- Frequency(How Often) can be set in 3 ways, day or days of the week, or every how many days(1-32 days), or Even/Odd day.
- Rain Delay: To pause operation due to rain or other factors: 0, 24,48,72 Hours.
- Rain Sensor: Can be connected to rain sensor to skip watering during rainy days.

Working mode: RUN, MANUAL, OFF

RUN—when turn dial to RUN, controller will work automatically according to set programs. The display will show clock time(as picture 1) and next watering start time(as picture 2), in alternative every 2 seconds. Display only shows clock time if no program is set. During watering, display will show count down of watering time(as picture 3) and clock time, in alternative every 2 seconds.

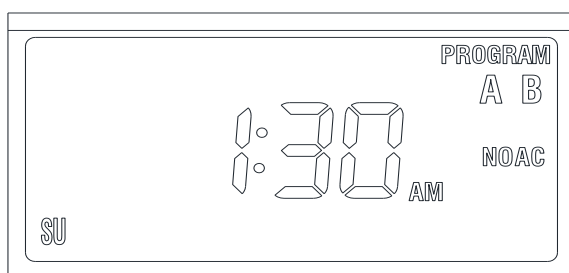


图 1

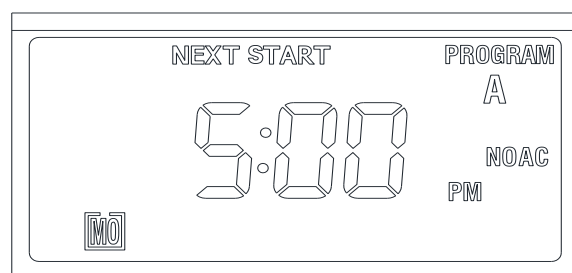


图 2

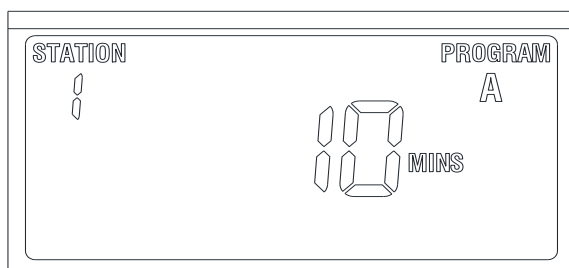


图 3

MANUAL—For instant one time manual watering:

- When controller is in auto run mode, then press Manual button, controller enter manual watering mode, display will show as picture 4, there is 3 ways for manual watering:

- 1、 Manual watering for all programs: when display show as picture 4 and press Enter button, then the controller will start watering from program A to B, for each station according to the set run time, the display will show as picture 6(If there is no setting in advance for the run time, display will only show the clock time)
- 2、 Manual watering for program A or B: when display show as picture 4 and press > button, to choose program A or B, then the controller will start watering for program A or B, for each station according to the set run time, display will show as picture 6(If there is no setting in advance for the run time, display will only show the clock time)
- 3、 Manual watering for specific station: when display show as picture 4 and press > button 3 times, until display shows as picture 7, and choose the required station by pressing > button, then press + or – button, to set the manual watering duration(watering duration will blink on the display), as picture 8, by pressing Enter button, the controller will start manual watering for the required station only.
(If there is no setting of watering duration in step as picture 7, the controller will quit manual watering mode and display will only show the clock time)

- Manual watering is terminated by pressing Clear button, or turning dial to OFF
- Manual watering display and clock time display will show in alternative every 2 seconds

- Max manual watering time for each station is 240 minutes
- Manual watering will not work if there is no AC power

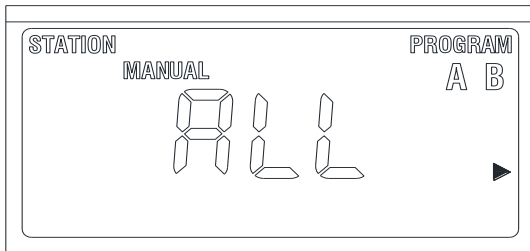


图4

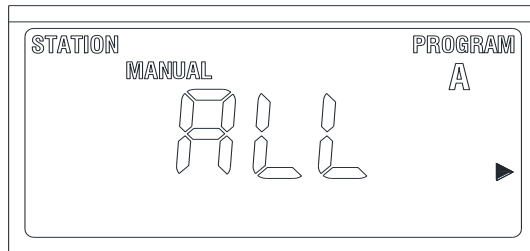


图5

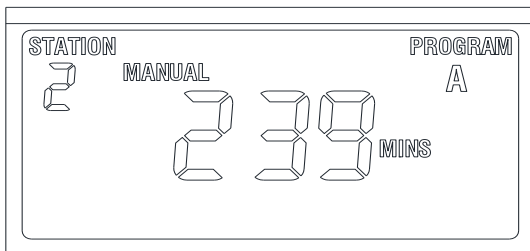


图6

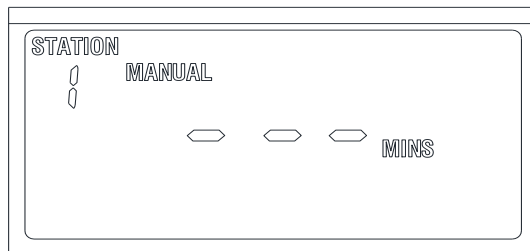


图7

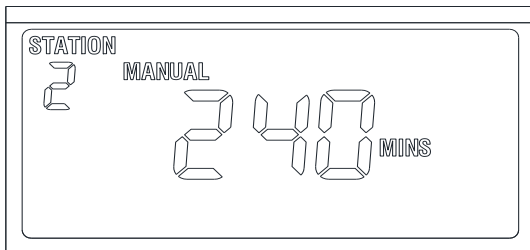


图8

- **OFF**——Controller is in OFF mode, when turn dial to OFF, as photo 9. Display will show clock time and picture 9 in alternative every 2 seconds. In OFF mode, all stations or functions are off.

Low battery sign

If dial is at the Run point, and display shows the battery sign, as picture 10, then is time to replace with new batteries. Once new batteries are in place, the battery sign will disappear.

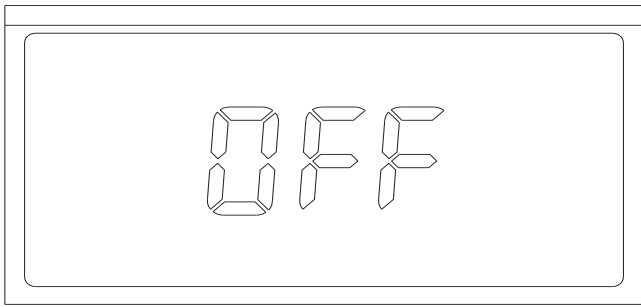


图9

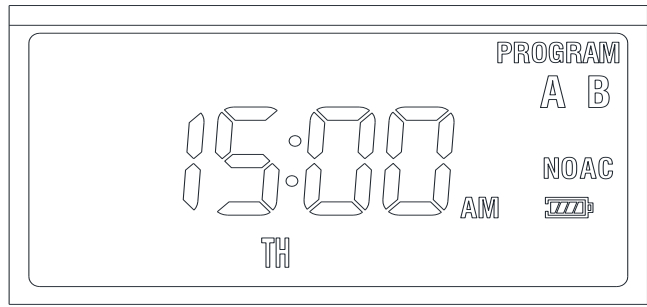


图10

How to set program

- Turn dial to make settings or to read the input settings
- Previous settings are saved when dial is turned to a new point

How to set time and date

- Turn dial to SET CLOCK, display will show as picture 12, and clock time digit will blink
- Set clock time by pressing + or - button
- Save by pressing ENTER button, then is to set Year
- Set Year by pressing + or - button
- Confirm Year by pressing Enter button, then is to set Month
- Set Month by pressing + or - button
- Confirm Month by pressing Enter button, then is to set Day
- Set Day by pressing + or - button
- Confirm Day by pressing Enter button
- Save setting by turning dial to other points

Notes: by pressing + or – button firm, the numbers will run quickly.

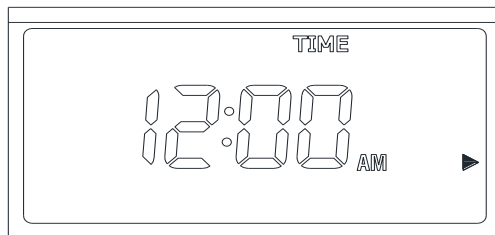


图 12

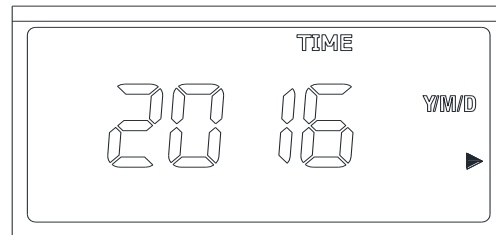


图 13

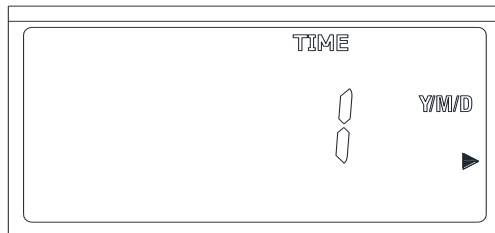


图 14

How to set Start Time

- Turn dial to START TIME, as picture 15
- Press PROG. A/B button to choose program A or B
- Press > button to choose from start time 1,2,3 or 4
- Press + or – button to set the start watering time, as picture 16
- Press > button, and repeat above steps to set start watering time for start time 1,2,3,4

Notes:

1. By pressing + or – button firm, the numbers will run quickly.
2. Set start time is cancelled if press Clear button, display will show as photo 15

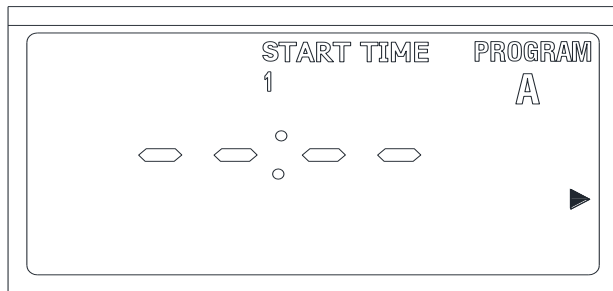


图15

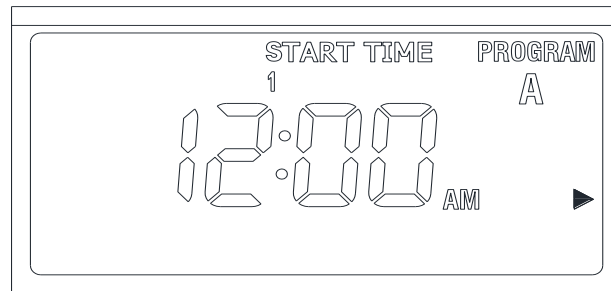


图16

How to set How Long

- Turn dial to How Long, display will show as picture 17
- Press PROG.A/B button, to choose program A or B
- Press < or > button to choose station, 1, 2, 3, 4, 5, 6, 7, 8
- Press + or – button, digit will blink as picture 18, then press + or – button, to set watering minutes
- Repeat above steps to set watering minutes for other stations

Notes:

1. By pressing + or – button firm, the numbers will run quickly.
2. Max watering duration is 240 minutes
3. When display shows --- sign, which means that station will not work

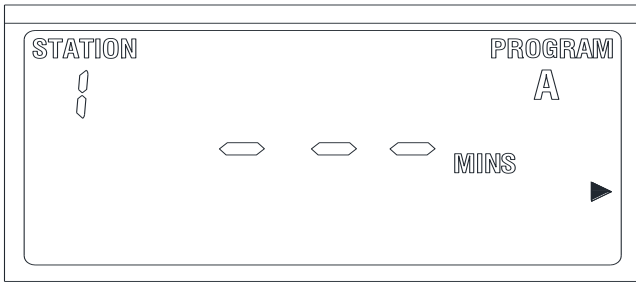


图 17

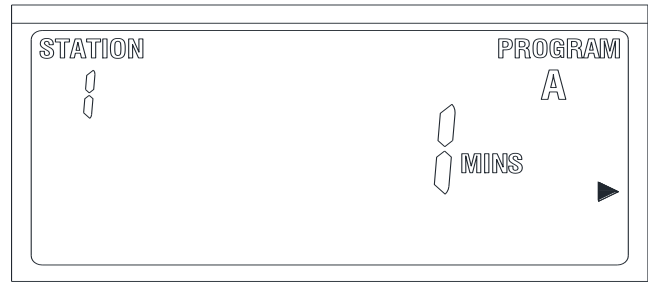


图 18

How to set How Often

How Often can be set in 3 ways, day or days of the week, or every how many days(1-32 days), or Even/Odd day.

1. Day or days of the week

- Turn dial to HOW OFTEN, display show as picture 19, with all digits
- Press PROG. A/B button, to choose program A or B
- Press > or < button, the chosen day of the week will blink, then press + button to confirm and that day will be marked with a box sign, which means that day is confirmed. the – button is to cancel that day. (the day of the week is also ok to be confirmed by pressing Enter button)

2. Every how many days(1-32 days),

- Press PROG. A/B button, to choose program A or B, when display is as picture 19
- Press > or < button, until INT blinks
- Press Enter button, or + - button to set every how many days, as picture 20 ;
- Press + button means 1 day more, and - button means 1 day less
- Max setting is 32 days

3. Even/Odd day.

- Press PROG. A/B button, to choose program A or B, when display is as picture 19
- Press > or < button, until ODD or EVEN blinks
- Press Enter button, or + button to confirm setting(ODD: odd number days of the months, EVEN: even number days of the months)



图 19

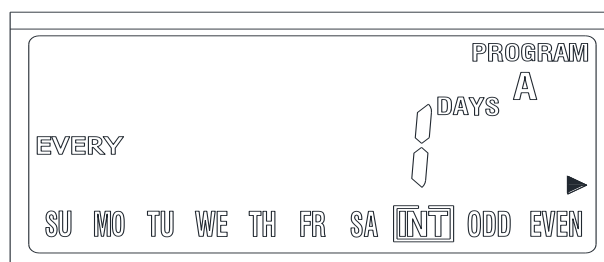


图20

How to set Rain Delay

- Turn dial to RUN, press RAIN DELAY button, display shows as picture 21, digits will blink(default is 24 Hours in this situation)
- Press+ button to increase number, and press – to decrease number
- Press Enter button to confirm setting, display show as picture 22, which mean rain delay is working.
- If turn dial to OFF point, and then back to RUN point, the rain delay setting is cancelled.

Notes:

1. In Rain Delay situation, the delay hour countdown(as picture 21) and clock

time will show on display in alternative every 2 seconds.

2. delay hour countdown is calculated by hours

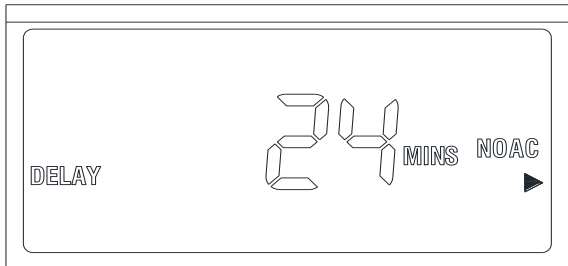


图21

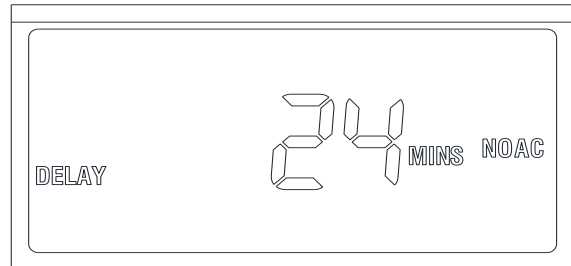


图22

How to set Rain Sensor

The rain sensor is normally closed(NC). When rain is detected, the switch will be off, display show as picture 23, SENSOR wording will blink, then controller will skip all automatic watering programs. Manual watering is still ok to use in such situation.

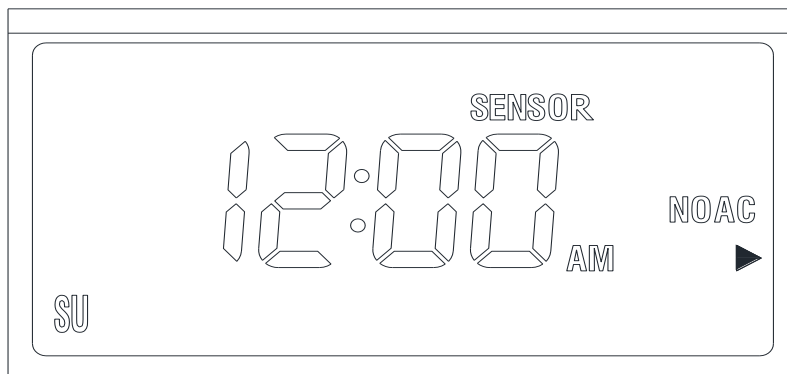


图23