

Quick Guide to Programming the IntellusUltra Controller

1

Which mode is running?

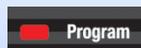
Manual-mode:

- Program LED is off



Diurnal program-mode:

- Program LED is on
- "Day" or "Night" appears in the display



+



Program-mode:

- Program LED is on
- The actual time appears in the display



+



2

Which mode is of interest to you?

Manual mode:

- All parameters (temperature, light, humidity, etc.) are held constant until changed.

Diurnal program mode:

- Simple change between day and night settings.
- All lamps are turned on during the day period and off during the night period.
- Individual settings are possible for:
 - Start and end of day period
 - Day and night temperature
 - Day and night humidity (if applicable)
 - Day and night auxiliary (if applicable)

Program mode:

- Multi-step settings for all controlled parameters based on a 24-hour or countdown clock.
- Programs can run as non-ramping or ramping.
- Ability to assign names to program files.
- Ability to sequence multiple programs together.

3

How to run the different modes:

Manual mode:



"Run Manual"



Diurnal program:



"Run Diurnal"



A multi-step Program:



"Run Program"



Program sequence:



"Run Sequence"



4

How to change manual set points:

Temperature:



Humidity (if applicable):



Auxiliary (if applicable):



Lights (if applicable):



Quick Guide to Programming the IntellusUltra Controller

5

How to change basic settings:

Change system time:



Change limit 1 high safety alarm setting:



Change limit 1 low safety alarm setting:



Change limit 2 high safety alarm setting:



Change limit 2 low safety alarm setting:



6

How to enable humidification (if applicable):



How to enable dehumidification (if applicable):



6a

How to enable Aux/CO2 (if applicable):



7

How to configure diurnal program:

Enter diurnal programming mode:



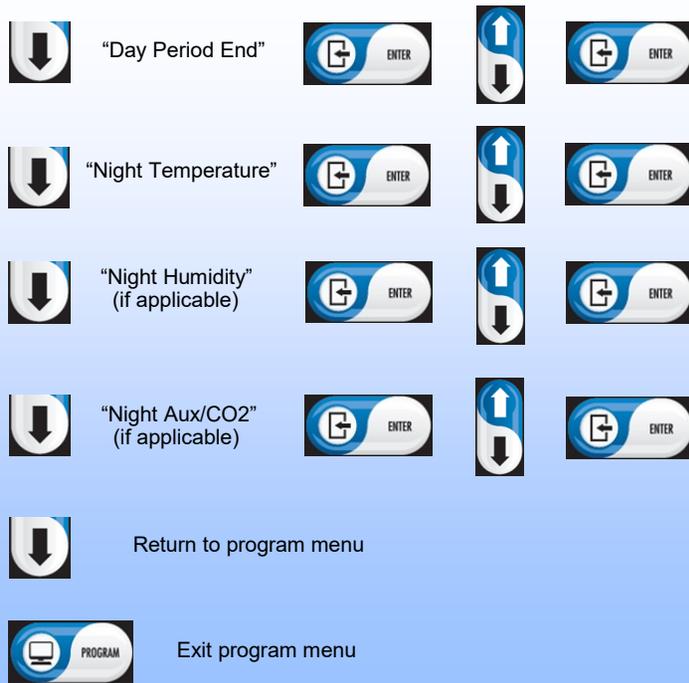
Change diurnal program settings:



Quick Guide to Programming the IntellusUltra Controller

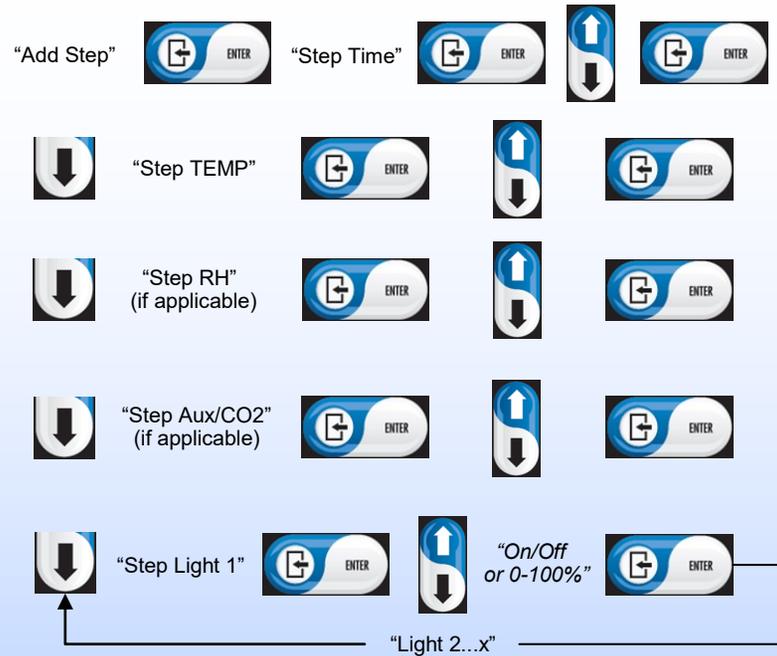
7a

How to configure diurnal program (continued):



8

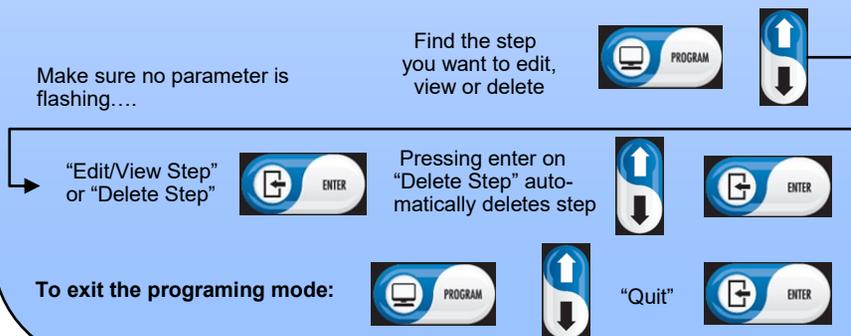
How to enter a program (continued):



Add a step to the program:



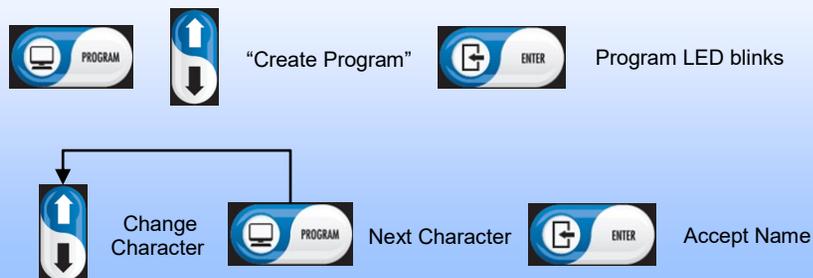
View, edit or delete steps in the program:



8

How to enter a program:

Enter a new program:

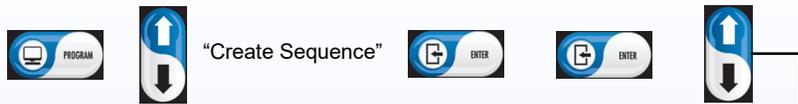


Quick Guide to Programming the IntellusUltra Controller

9

How to create, edit sequence programs:

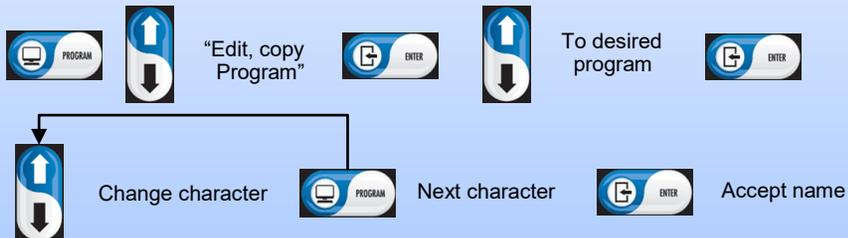
Note: This option does not appear when sequence is running. Must be set to Manual mode or an individual program.



When finished programming the sequence, use procedure to exit Programming mode on page 3

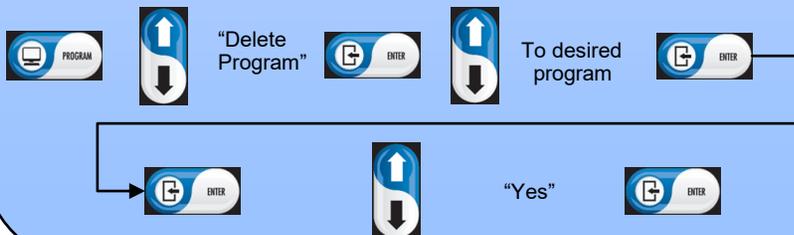
How to edit, delete and copy programs:

Edit an existing program:



Delete a program:

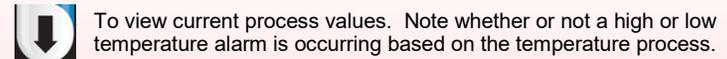
Use steps as described under **How to enter a program** to edit program.



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What to do if an alarm sounds?

Press any key to disable buzzer sound.



If a Limit 1 high/low temperature alarm is occurring:

Use procedure in section 5 "Change limit 1 safety alarm setting" and change high safety alarm setting to a value higher or lower than the current process value.

If a Limit 2 high/low temperature alarm is occurring:

Use procedure in section 5 "Change limit 2 safety alarm setting" and change high safety alarm setting to a value higher or lower than the current process value.

The chamber will turn itself back on. If after a short time the chamber experiences another safety or if you suspect a fault with the chamber, please turn off the unit and contact us.

< Programming note >

The controller will default back to the main display when no key is pressed for one minute. Please keep this in mind when programming the controller.

Problems? Questions?

Please refer to your IntellusUltra controller manual for more information regarding using the controller. Please feel free to contact us for additional support using any of the methods below:

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