Setting Instructions

MVP-DAX DM
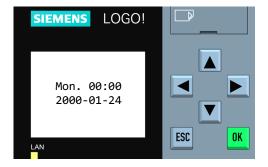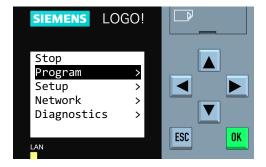
Orenco's Most Versatile Panel (MVP) line of control panels includes an easy-to-use programmable logic unit that incorporates many timing and logic functions. This panel will accommodate timed dose or on-demand systems. The panel's default mode of operation is timed dose. Some operational parameters may need changing for your particular application. The parameters for both modes of operation (Timed/Demand) will always be present, but only those that apply to the selected mode will be used. The following block types have been used with your control panel:

Block Names	Description	Factory Default	Time Range	Block Type	Timed/ Demand
HL Alm Delay	High Level Alarm Delay	5 seconds	MM:SS	Timer	Both
Off Time	Timer Off Time	60 minutes	MM:SS	Timer	Timed
On Time	Timer On Time	40 seconds	MM:SS	Timer	Timed
Ovr Off Time	Override Timer Off Time	30 minutes	MM:SS	Timer	Timed
Ovr On Time	Override Timer On Time	40 seconds	MM:SS	Timer	Timed
Min Ovr Time	Minimum Override Time	90 minutes	MM:SS	Timer	Timed
Min Run Time	Minimum Pump Run Time	30 seconds	MM:SS	Timer	Demand
Pump 1 Lead	Pump 1 Set As Lead Pump	OFF	On/Off	Softkey	Both
Pump 2 Lead	Pump 2 Set As Lead Pump	OFF	On/Off	Softkey	Both
TimeDoseMode	Timed Dose Operation	ON	On/Off	Softkey	Both

Changing Adjustable Parameter Blocks:

Step 1: Press ▼ repeatedly until the display does not change. To begin the configuration process, press the "**ESC**" key.

Step 2: Press ▼ on the unit to select "**Program**". Then press the "**OK**" key.

Warning: Do not select "Stop". Doing so may erase the panel programming. If this is selected by accident, press the "ESC" key to cancel.
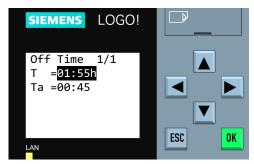
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Step 3: Press "**OK**" to select "**Set Parameter**".

Step 4: Press ▲ or ▼ to select the desired parameter to adjust and press "**OK**". Continue to **Step 5** on the following pages for the specific block type being edited.
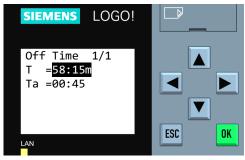
Changing Adjustable Parameter Timer Blocks:

Timer blocks have three time base units that can be used; s = seconds, m = minutes, h = hours. If an **h** appears after the timer setting then the time will be HH:MM (e.g. 01:55h = 1 hour and 55 minutes). If an **m** appears after the timer setting then the time will be MM:SS (e.g. 05:00m = 5 minutes and 0 seconds). If an **s** appears after the timer setting then the time will be SS.ss (e.g. 25:13s = 25.13 seconds).

Step 5: The first line indicates the set value for the parameter. In this example, the set time is 1 hour and 55 minutes, "**T=01:55h.**" To change the set value for the parameter, press the "**OK**" key.

The second line indicates, in real time, how much time has elapsed for the cycle that is currently in process. The current value of the parameter is 45 minutes, "**Ta=00:45.**"
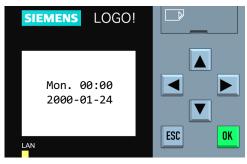

Step 6: The cursor will blink in the set value. To select the digit to be changed, press ◄ or ►. To change the value of a digit, press ▲ or ▼.

In this example, the set value has been changed from 1 hour and 55 minutes to 58 minutes and 15 seconds. (The timebase can be changed from hours = h to minutes = m or seconds = s by moving the cursor to the far right and pressing ▲ or ▼).

Step 7: When the desired time value has been entered, press the "**OK**" key. The new time value will now be in effect.

Step 8: To edit additional parameters, go back to the parameter list by pressing the "**ESC**" key once and return to **Step 4**. When all edits are complete, exit parameter mode by pressing the "**ESC**" key four times.

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Changing Adjustable Parameter Softkey Blocks:

Softkey blocks are typically used to toggle a feature in the panel On or Off.

Step 5: The bottom line indicates the current state of the softkey switch. In this example, the softkey is set to "**On**". To change the set value for the parameter, press the "**OK**" key.

Step 6: The cursor will blink on the switch parameter. To change the value of the softkey switch, press ▲ or ▼. In this example, the set value has been changed from "**On**" to "**Off**".

Step 7: When the desired value has been entered, press the "**OK**" key. The new value will now be in effect.

Step 8: To edit additional parameters, go back to the parameter list by pressing the "**ESC**" key once and return to **Step 4**. When all edits are complete, exit parameter mode by pressing the "**ESC**" key four times.

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