

# MCS-4000 MENU MAP

## Task Status

Displays program/task list. Select item from list and use "Hot Keys"<sup>GT</sup>.

- 1= Setpoints<sup>GT</sup>
- 2= TOD schedules (if applicable)
- 3= Relay Outputs<sup>GT</sup>
- 4= Digital Inputs<sup>GT</sup>
- 5= Analog Inputs<sup>GT</sup>
- 6= Analog Outputs<sup>GT</sup>
- 7= Analog Alarms
- 8= Digital Alarms
- 9= Clears relay overrides for that task

## Summaries

Takes user to "Summaries" sub-menu:

- Relays**            **Alarm Summary**
- Digital Ins**    **Circuit Summary**<sup>GT</sup>
- Analog Ins**     **Defrost Summary**<sup>GT</sup>
- Analog Outs**

## Alarm History<sup>GT</sup>

Displays last 45 alarms events. (1-5 sorts alarms by type)

## Runtime History<sup>GT</sup>

Displays runtime & cycle count for all relay outputs for last 31 days

## Graphs<sup>GT</sup>

Displays first 32 analog input points. Press "Enter" to change graphing point, type, or scale.

## Main Menu

- |                 |                    |
|-----------------|--------------------|
| Task Status     | Task Settings      |
| Summaries       | Miscellaneous      |
| Alarm History   | Schedule Overrides |
| Runtime History | Emergency Defrost  |
| Graphs          |                    |

Make Choice with side keys: Press ENTER  
Rack V1.3xx    Running Box #1    Date & Time

## Task Settings

Takes user to "Task Edit" sub menu:

- Task Setpoints**<sup>HK</sup>    **Setup Menu**<sup>SA</sup>
- Analog Alarms**<sup>HK</sup>    **I/O Menu**
- Digital Alarms**<sup>HK</sup>    **Scheduling Menu**
- Float Selection**      **Run/Stop**<sup>SA</sup>

## Miscellaneous

Takes user to "Miscellaneous" sub-menu:

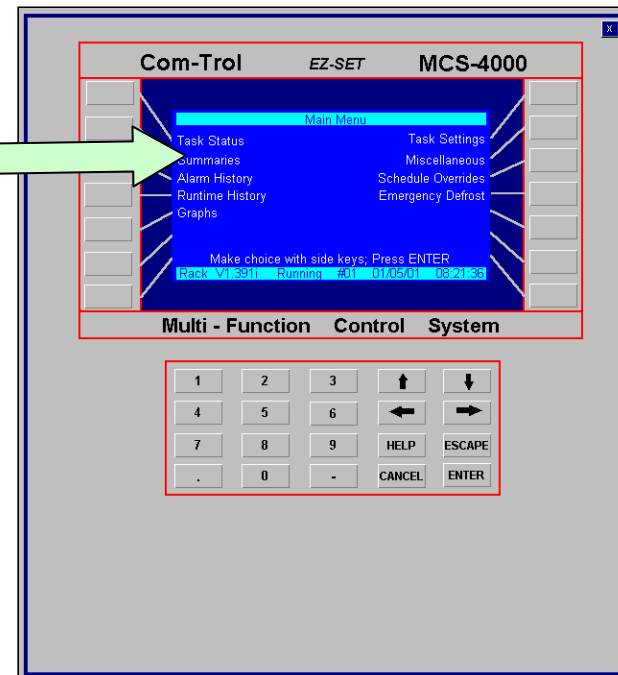
- Set Time**            **Alarm Enables**<sup>SA</sup>
- Edit Passwords**<sup>SA</sup>    **Clear Program**<sup>SA</sup>
- Setup Graphs**      **Clear Alarm Events**<sup>SA</sup>
- Graph Interval**     **Defrost Time Map**<sup>GT</sup>

## Schedule Overrides

N/A for Refrigeration controllers

## Emergency Defrost<sup>GT</sup>

Displays all programmed circuits and allows user to place circuits into defrost (follow directions on screen).



## Setup Menu

- Setup/Add Task**<sup>SA</sup>    **Relays**<sup>HK</sup>
- Delete Task**<sup>SA</sup>      **Digital Ins**<sup>HK</sup>
- Base Options**        **Analog Inputs**<sup>HK</sup>
- Comp Sequences**<sup>SA</sup> **Analog Outputs**<sup>HK</sup>
- Refrig Gas Type**<sup>SA</sup>

## I/O Menu

- Relays**<sup>HK</sup>            **Auto I/O Assign**<sup>SA</sup>
- Digital Inputs**<sup>HK</sup>    **Board Types**
- Analog Inputs**<sup>HK</sup>    **Board Status**<sup>GT</sup>
- Analog Outputs**<sup>HK</sup>

<sup>HK</sup> indicates items that are easily access through the 9 different "Hot Keys" from the task status screens

<sup>GT</sup> indicates items that are good tools for testing and trouble shooting

<sup>SA</sup> indicates items to stay away from, experienced users only (Note: Just because someone has the high level password does not necessarily make them an "experienced user". A good number of billable service calls are generated from this type of experienced user.