



Mercury Controller Quick Start Guide

Before connecting the Mercury Controller to the network, ensure you have set up the following conditions: - Failure to do this will result in extra effort to remove the incorrect controller type from the Data Manager/Director.

- Make sure the controller is set up for the correct **type**: -
 1. Integral (Mobile) HT
 2. Integral (Mobile) LT
 3. Remote Case LT
 4. Remote Case HT
 5. Coldroom LT
 6. Coldroom HT
- Make sure the **Units** are set up for the correct probes: -
 0. PT1000 °C
 1. PT1000 °F
 2. NTC 2K °C (Elm type)
 3. NTC 2K °F (Elm type)
 4. NTC2K25 °C (CDK type)
 5. NTC2K25 °F (CDK type)
- Set up the **Network Address**: -
 - For RS485 comms, use the “Net” menu in the controller:
 - Set the 485A (address) to the value you want, such as 10-1.
 - Use the up key to scroll to ESC. Pressing enter at the ESC screen loads the address.
 - For IP (Ethernet) comms, set the rotary switch’s to a unique number.

Once the above settings have been made, the controller can be connected to the network. The green LED will flash until the controller comes online. Disconnect and reconnect the comms module from the controller to speed-up the logging on process. (Effectively resets the comms module)

Accessing the mercury Menu: -

- Press and hold down the “Enter and Down” key for a couple of seconds.
- When “ENT” appears on the screen, press “Enter”; IO (inputs/outputs) will be seen on the screen.
- Use the up key to get to the menu options.



Menu Options: -

- IO Inputs and Outputs
- Para Parameters
- Unit Probe type and temperature units
- Type Controller type (see top paragraph)
- rtc Real Time Clock
- Net Network settings
- Soft Software version number
- Def Forces a defrost cycle
- Fans Turns the fans on and off (toggle action)
- Case Turns the case off and on (toggle action)
- Lits Turns the lights on and off (toggle action)
- Esc Exit the menu system

At each menu item, use the enter key to select and up/down keys to move to the desired value.

For the full User Guide, visit the RDM website at www.resourcedm.com and go to the technical support page.