

A2110E Factory Defaults

Navigating the menu system / Factory Default Settings

There are three broad categories of functions in the 4848 controller modules. They are Regulation, Operation, and Initial Settings. From the main screen, Regulation mode is accessed by pressing the set button. The Initial Setting mode is accessed by holding the set button for three seconds. Operation mode is accessed by pressing the circular arrow.

In each mode, you can cycle through the variables by pressing the circular arrow. To change a value, use the up or down arrow, which causes the value to flash. Then press the set button to solidify the choice. Return to the main screen by pressing set again.

TDM / MCM Module

Keys command:

1. Press "SET" to select
2. Press return key move to next operation mode
3. Up/Down arrow keys to adjust value or select type

Main Screen: SV = 0

Press return key and release

Operation Mode	Select type/value	Comment
r-S	Run	Run/Stop
SP	0	Decimal point position
LoC	OFF	Lock mode(lock all keys or only up/down arrow able to use)
Out1	- (read-only)	Motor output %

Press and hold down "SET" for 5-sec

Operation Mode	Select type/value	Comment
InPt	v5	Input type (v5 = 0-5V, v10 = 0-10V, nA0 = 0-20mA, nA4 = 4-20mA, nV =0-50mV)
tP-H	2230	Upper-limit range
tP-L	0	Lower-limit temperature range
CTRL	PID	Control mode (ON/OFF, MANUAL, PID and PID PROG)
S-HC	Heat	Heat/Cool control
ALA1	0	Alarm mode
SALA	OFF	System alarm
CoSH	ON	Communication write function that able to use set point from software
C-SI	RTU	Format type
C-no	2	Communication address
bPS	9600	Communication baud rate
Len	8	Data length setting
PrtY	Even	Parity bit setting
StoP	1	Stop bit setting

TDM / MCM Module (continued)

Press "SET" and release

Operation Mode	Select type/value	Comment
At	OFF	Auto Tuning ON/OFF
PID0	0	The 0 th PID Parameter
SV	0	The 0 th SV
P0	170	Proportional control
C0	1	Integral control
D0	0	Derivative control
CoF0	0	Integral value
HtPd	.5	Heat/Cool cycle control
tPoF	0	Inaccuracy adjustment