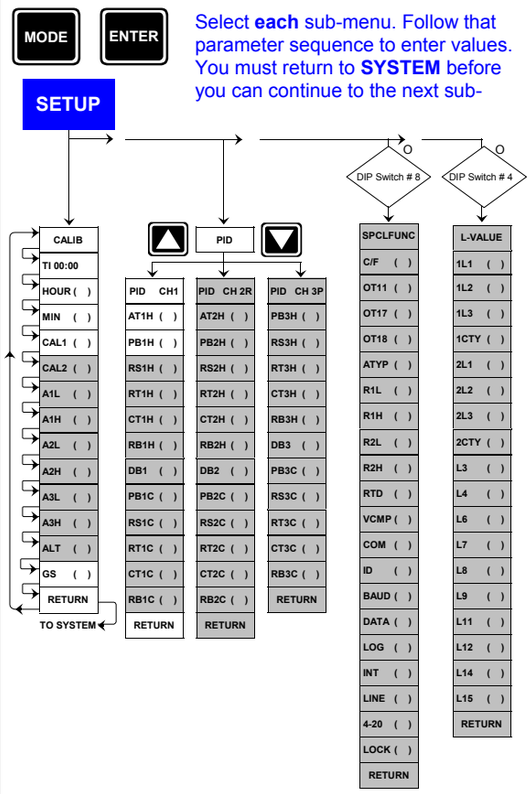
VersaTenn III

SETUP Menu

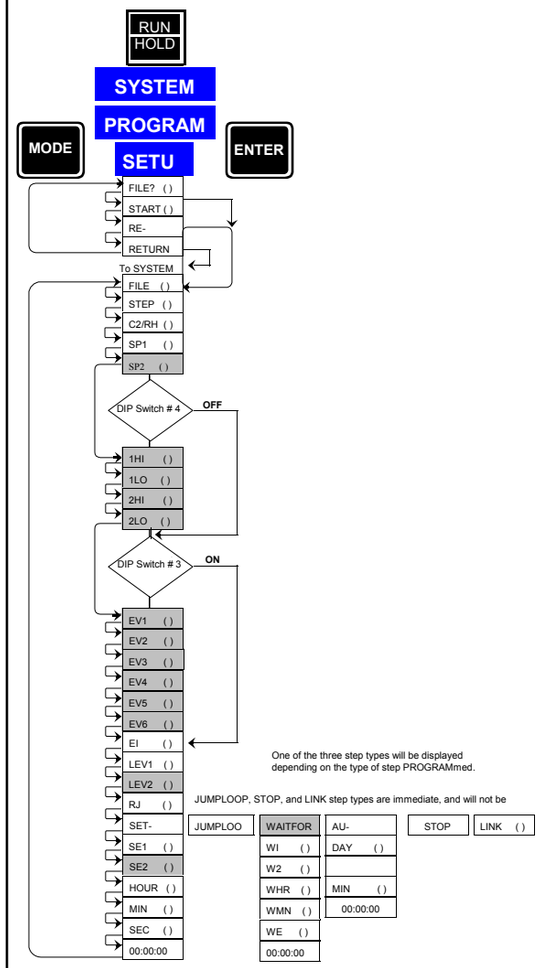
MODE ENTER

Select **each** sub-menu. Follow that parameter sequence to enter values. You must return to **SYSTEM** before you can continue to the next sub-



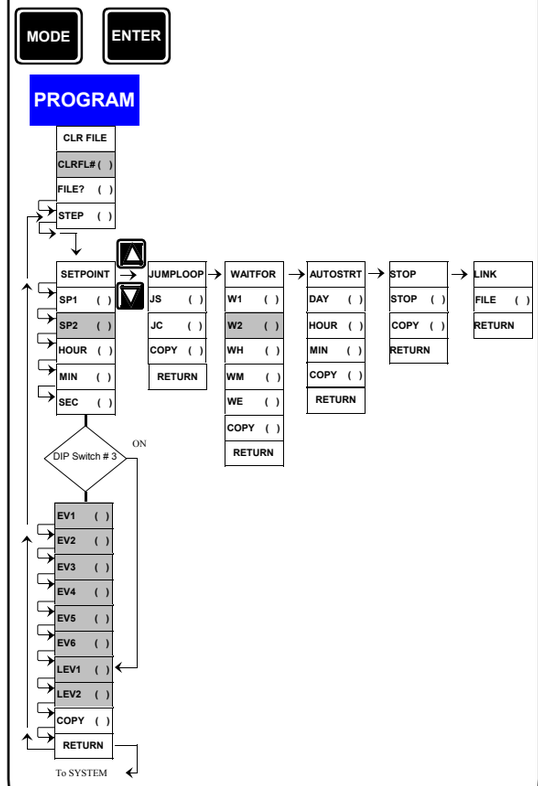
= Depends upon control configuration whether or not the parameter will appear

RUN Menu



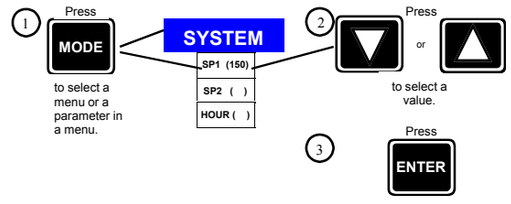
= Depends upon control configuration whether or not the parameter will appear

PROGRAM Menu



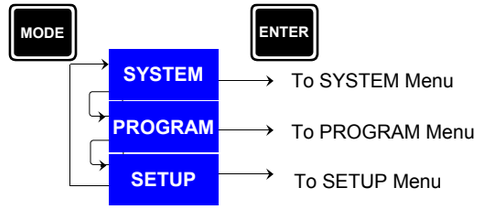
= Depends upon control configuration whether or not the parameter will appear

How To Program

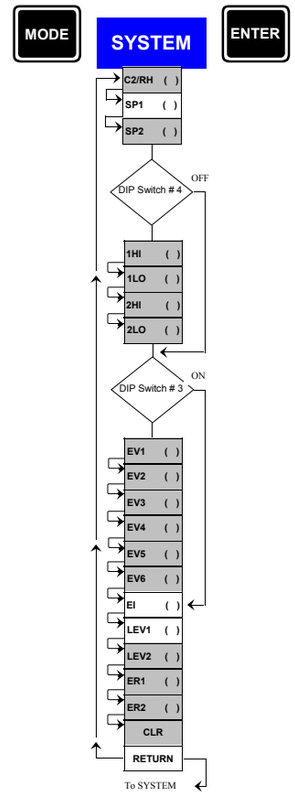


VersaTenn II Quick Reference

MAIN Menu



SYSTEM Menu



= Depends upon control configuration whether or not the parameter will appear

Error Code and Alarm Info

Responses to Error Codes

ER1 Codes Shut Down Outputs
The VersaTenn will shut down its outputs whenever an ER1 code occurs. If the VersaTenn is running a program, the program is put on hold and the VersaTenn goes to the SYSTEM prompt. An ER1 code usually represents a VersaTenn malfunction.

Check These Items First

Anytime you see an ER1 code in the Alphanumeric Display, check for these four items first, then follow the recommended action listed by the code:

- Low line voltage
- Noisy environment, noise event
- Vibration

Clearing an Error Code

To clear an error code from the Alphanumeric Display, first correct the problem, then return to the SYSTEM menu. Use the MODE key to reach the ER1 or ER2 parameter and press ENTER. Press Enter or transmit a 0.

If the code returns, or if the VersaTenn replies to a serial data communicated “?ER1” or”?ER2” query with the same code, the problem still exists.

ER2 Codes Do Not Shut Down Outputs

ER2 codes are data communication errors. When an ER2 error occurs, the VersaTenn continues in the RUN

Alarm Messages

“ALM1 HI” Alarm 1 High occuring
“ALM1 LO” Alarm 1 Low occuring
“ALM2 HI” Alarm 2 High occuring
“ALM2 LO” Alarm 2 Low occuring
“ALM3 HI” Alarm 3 High occuring
“ALM3 LO” Alarm 3 Low occuring

An alarm code will flash alternately in the Alphanumeric Display with the parameter that the VersaTenn is presently on.

Clearing An Alarm

To clear an existing alarm condition, press the ENTER key once. This will mask any alarm condition for 1 minute. After you correct the error, go to the SYSTEM menu and press ENTER. Use the MODE key to reach teh CLR ALARM parameter. Press ENTER again, and the alarm will be cleared. If the alarm message continues, the alarm has not been cleared.

VersaTenn II Error Codes

ER1 Codes and Actions

1 Processor RAM failure.

2 Eprom checksum error.

3 Hardware configuration error.

4 Low RAM battery.

5 Battery back-up external RAM failure.

6 EE checksum error.

7 Stack overflow error.

8 Input 1 interpolation error.

9 Input 2 interpolation error.

10 Ground overrange error.

11 Ground underrange error.

12 Input 1 overrange error.

13 Input 1 underrange error.

14 Input 2 overrange error.

15 Input 2 underrange error.

16 Process input overrange error.

17 Process input underrange error.

ER2 Codes and Actions

1 Transmit buffer overflow; clear error,