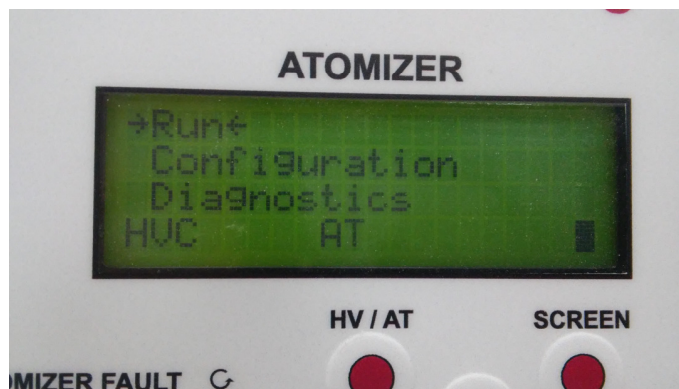

SERVICE INSTRUCTION

MicroPak 2e Instructions for “Remote Option” Configuration Setting

The purpose of the Remote Option Parameter is to provide a simple, easy to distinguish, means of setting MP2e system I/O behavior when the MP2e is operating in “Remote” Mode. The Remote Option Parameter will be available in MP2e software versions 1.1.07 and above.

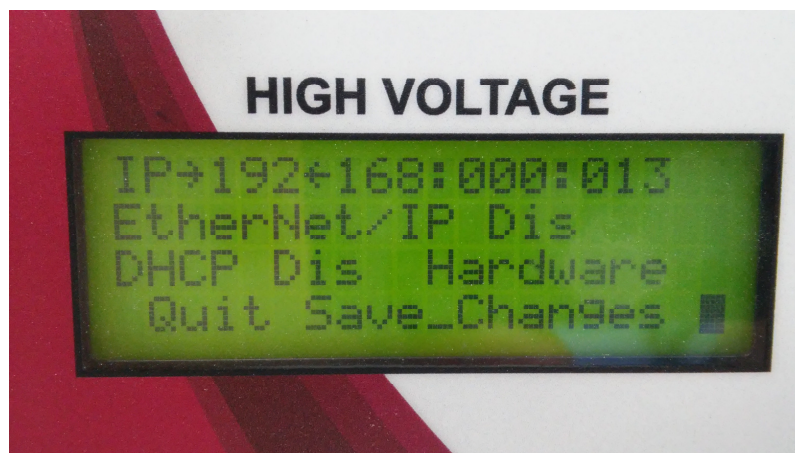
The following list of steps explains how a user can access the Remote Option Parameter.

1) Boot the MP2e system by setting the Remote/Local switch to Local and turning on AC power to the MicroPak 2e Controller (MP2e). This causes the controller to boot-up and pause, waiting for the user to select either Run, Configuration or Diagnostics on the Atomizer display (right display of two as you look at the MP2e from the front). The Atomizer Display should look as follows:

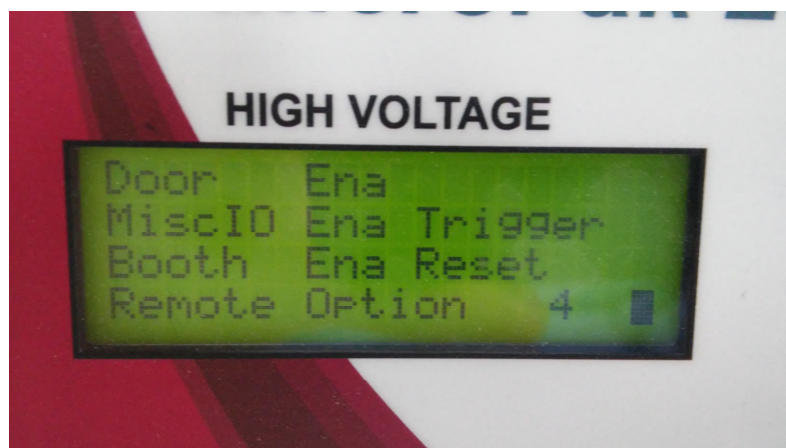


2) Enter Configuration Mode by using the Up and Down arrow pushbuttons to move the cursor to enclose the Configuration option (→Configuration←), then pressing the SET pushbutton.

3) Now the High Voltage Screen (the left screen out of the two as you look at the MP2e unit from the front) will look as follows:



Press the SCREEN button until you reach the Configuration Mode screen that deals with interlocks:



Move the cursor (→ ←) to enclose the number at the end of the line where the Remote Option Parameter is listed. Hit the set button.

4) You will now be prompted to enter a System Password. The default value for the System Password is 7735. If you need instructions on how to set this password, refer to the MP2e Service Manual LN-9625-00.2 Page 24.

5) Once you have entered the system password, you will be returned to the configuration screen that deals with interlocks (shown on the previous page of this document). You can now set the numeric value for the Remote Option Parameter. To determine which number (1-5) is the correct option for you, refer to the table shown below.

MP2e Remote Options			Configuration Options (Factory Settings) (Priority over Remote Options)			System Options (Customer System Settings) (Limited by Remote Option)		
2016.05.12								
(available after V1.1.06)								
Remote Option Number	Remote option name	Discription	SBC or CP (ControlPak)	Atomizer MIO - Enabled Or Disabled	Discrete MIO - Enabled or Disabled	EPI Enabled or Disabled	Misc IO - Disabled or Interlock Or Trigger	Booth - Disabled or Interlock or Reset
1	None	No Remote I/O enabled	SBC or CP	Dis or En	Dis	Dis	Dis or Int	Dis or Int
2	EIP	EIP Remote I/O enabled	SBC or CP	Dis or En	Dis	En	Dis or Int	Dis or Int
3	DIO	Discrete Remote I/O enabled	SBC or CP	En	En	Dis	Dis or Int	Dis or Int
4	HVC	HVC Remote I/O Enabled	SBC or CP	Dis	Dis	Dis	Trig	Reset
5	SBC_HVCMIO1	HVC and Some MIO I/O Enabled (requires additional SBC wiring)	SBC	En	Dis	Dis	Trig	Reset

The configuration options that have been set for your system at the factory will dictate the MP2e Remote Options that are available for you to choose from. In the Remote Options Table above, the “Configuration Options” columns with the purple header illuminate some of the questions that need to be answered before Remote Options are made available to you. These questions include:

- 1) Do you have a Single Bell Controller (SBC) or a Control Pak (CP)?
- 2) Do you have an Atomizer MIO Board configured as Enabled ?
- 3) Do you have a Discrete IO Board (DIO) configured as Enabled ?

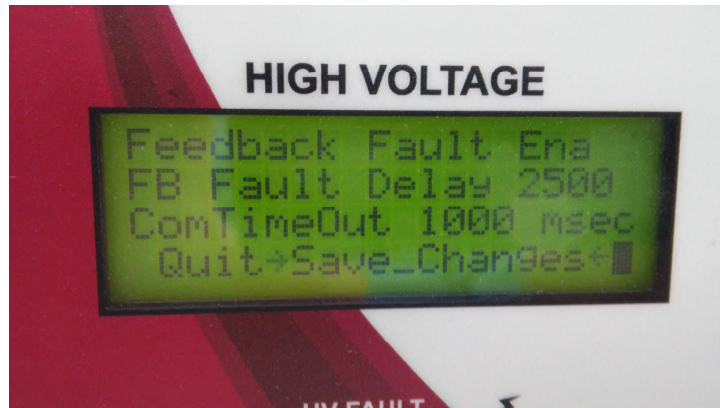
Cell entries in the columns with the purple header show the acceptable answers to these questions for the Remote Option of interest.

Once you have identified which Remote Options are available to you based on your factory configuration, you may choose from among them according to the instructions found in steps 1-5 above. The Remote Option Parameter that you choose will be master to the other system settings shown in the Remote Options Filtering Table in the “System Options” columns with the green header. This ensures that related system parameters are set to compatible and consistent setting combinations. Cell entries in the columns with green headers show the settings that system options will be set to when corresponding Remote Options are chosen. In the instances where there are two options shown in one cell - for example: “Dis or Int” - you may use the methods described in the MP2e Service Manual (LN-9625-00.2) to choose how you would like these I/O signals configured.

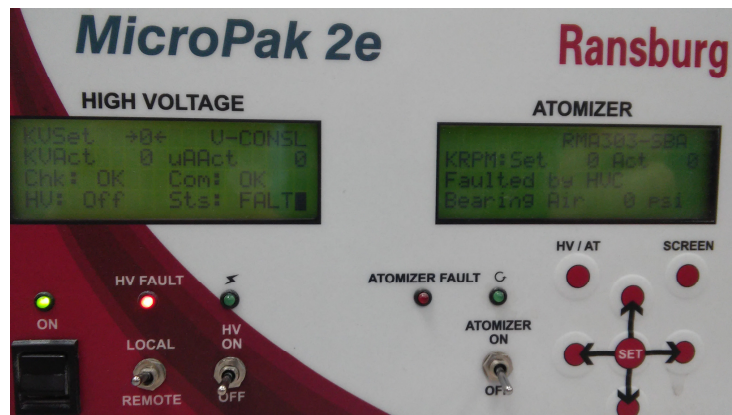
If you enter a numeric value for the Remote Option Parameter that is not supported by your Factory Set Configuration as shown in the columns above with the purple header, your entry will not be accepted.

6) Once you have entered the proper number for the Remote Option you desire (method of entry identical for entering other numeric values on the MP2e screens – see MP2e Service Manual LN-9625-00.2 for more information) use the left and right arrow buttons so that the cursor brackets “Save” (→Save←) and hit the SET pushbutton. You should now be looking at the configuration screen that deals with interlocks again, only with your proper Remote Option number bracketed by the cursor.

7) To exit Configuration Mode, use the SCREEN pushbutton to advance to a Configuration Mode screen has a “Save_Changes” option such as the example shown below.



Using the arrow keys as usual, move the cursor so that it brackets “Save_Changes” (→Save_Changes←) and hit the SET button. You should now be looking at the Run Mode Screens shown below.



Manufacturing

1910 North Wayne Street
 Angola, Indiana 46703-9100
 Telephone: 260/665-8800
 Fax: 260/665-8516
 www.ransburg.com

Technical / Service Assistance Telephone: 800/233-3366 Fax: 419/470-2233

Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.