

22	2	Sample Fill Rate	0-100%
24	2	Sample dispense rate	0-100%
26	2	Syringe Offset	0-20%
28	2	Prefill Air	0-100%
30	2	MidFill Air	0-100%
32	2	Postfill Air	0-100%
34	2	Start delay (seconds)	0-999
36	2	Pause before sample dispense	0-600
38	2	Pause after sample dispense	0-600
40	2	Target	0-3 (0-A, 1-B, 2-A&B 3-A+B)
42	2	Pause after sample fill	0-60
44	2	Operation mode	0-1 (0-continuous, 1-GC trigger)
46	2	Cycle time (secs) when Opmode=0	0-999
48	2	Seconds till auxiliary relay closure	0-999 (clock starts at cycle start)
50	2	Link to method # on method completion	0-10 0 for no link
52	1	CR	

6) Cobra will respond with ok

7) Host sends Rn to start method n. Cobra will respond by starting method. For example, sending R1 (binary 82 49 13 13) starts method 1, whether or not it was just programmed. To start Cobra in Verbose mode, where status reports are sent while running, send the V (86 49 13 13) command first.

10.4 Program System Parameters

1. PC sends a Q to get sampler's attention
2. PC waits for ok, indicating Cobra is ready
3. PC sends "SW" (binary 83 87) to indicate system parameters are to be programmed.
4. PC sends the following binary string:

<u>Byte#</u>	<u>#Bytes</u>	<u>Content</u>	<u>Allowed Range</u>
0	2	Right/Left Final Speed	0-999
2	2	Forward/Back Speed	0-999
4	2	Vertical Final Speed	0-999
6	2	Plunger Final Speed	0-999
8	2	Plunger Initial Rate	0-999
10	1	Plunger Acceleration	0-255
11	1	Normal Acceleration	0-255