

## DCP551 Parameter Work Sheet

User name	:	Preparation date:
Equipment name	:	Product name :
Model No.	:DCP551	Tag name :
Instrumentation staffer in charge :		Business staffer in charge:

### Variable parameter setting

No.	Item code	Item	Factory default settings	User settings	Settings and descriptions
1	PA 01	Key lock	0		0 : Keylock disabled 1 : Display of setup data settings disabled 2 : Display of all settings disabled 3 : Display of all settings disabled. Operation keys disabled.
2	PA 02	Memory protect	0		0 : Disabled 1 : Program settings are protected. 2 : Setup, variable parameters and event configuration settings are protected. 3 : Setup, variable parameters, event configurations and program settings are protected. 4 : Setup, variable parameters, event configurations and PID parameter settings are protected. 5 : Program settings and all parameter settings are protected.
5	PA 05	Program auto load	0		0 : OFF 1 : ON
8	PA 08	Auto-tuning	0		0 : AT not performed 1 : Standard AT performed on currently used PID group in mode other than READY mode 2 : AT writing overshoot-proof PID values to currently used PID groups in mode other than READY mode performed 3 : Standard AT performed on PID groups A1 to A7 in READY mode 4 : AT writing overshoot-proof PID values to PID groups A1 to A7 in READY mode continuously performed
9	PA 09	Auto-tuning MV lower limit	0.0		-5.0 to upper limit %
10	PA 10	Auto-tuning MV higher limit	100.0		Lower limit to +105%
11	PA 11	SP bias	0 SPU		-10000 to +10000 SPU
12	PA 12	PV1 digital filter	0.0		0.0 to 120.0sec
13	PA 13	PV1 bias	0 PVU		-1000 to +1000 PVU(PV1)
14	PA 14	Manipulated variable deviation limit	110.0		0.1 to 110.0% OUT / 0.1sec
15	PA 15	Time proportional output cycle	10		1 to 240sec
16	PA 16	On-off control differential	50 SPU		0 to 1000 SPU
17	PA 17	PID computation initialize manipulated variable	0.0		-5.0 to +105.0%
22	PA 22	PV2 digital filter	0.0		0.0 to 120.0sec
23	PA 23	PV2 bias	0 PVU		-1000 to +1000 PVU(PV2)
31	PA 31	Group 1 event number	0		0 to 16 (0: No delay is specified.)
32	PA 32	Group 1 delay time	0.0		0.0 to 3000.0sec
33	PA 33	Group 2 event number	0		0 to 16 (0: No delay is specified.)
34	PA 34	Group 2 delay time	0.0		0.0 to 3000.0sec
35	PA 35	Group 3 event number	0		0 to 16 (0: No delay is specified.)
36	PA 36	Group 3 delay time	0.0		0.0 to 3000.0sec
37	PA 37	Group 4 event number	0		0 to 16 (0: No delay is specified.)
38	PA 38	Group 4 delay time	0.0		0.0 to 3000.0sec
39	PA 39	FAST X	0		0 : 2 X 1 : 10 X 2 : 60 X 3 : 120 X

 denotes items settable only on models with two PV input channels.

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No.	Item code	Item	Factory default settings	User settings	Settings and descriptions
41	PA 41	EG1 LED display event number	0		0 to 16 (0: EG1 LED is off.)
42	PA 42	EG2 LED display event number	0		0 to 16 (0: EG2 LED is off.)
43	PA 43	PID operation initialize	0		0 : No initialization during advance processing and PID group change 1 : Initializes during advance processing but not during PID group change. 2 : No initialization during advance processing but initializes during PID group change. 3 : Initializes both during advance processing and PID group change.
46	PA 46	G.SOAK time	2.0		0.1 to 60.0sec
51	PA 51	PV1 equalizer compensation point No. 1	Range lower limit value		PV1 range lower limit value (tied)
52	PA 52	PV1 equalizer compensation amount No. 1	0 PVU		-1000 to +1000 PVU(PV1)
53	PA 53	PV1 equalizer compensation point No. 2	500 PVU		-19999 to +20000 PVU(PV1)
54	PA 54	PV1 equalizer compensation amount No. 2	0 PVU		-1000 to +1000 PVU(PV1)
55	PA 55	PV1 equalizer compensation point No. 3	1000 PVU		-19999 to +20000 PVU(PV1)
56	PA 56	PV1 equalizer compensation amount No. 3	0 PVU		-1000 to +1000 PVU(PV1)
57	PA 57	PV1 equalizer compensation point No. 4	1500 PVU		-19999 to +20000 PVU(PV1)
58	PA 58	PV1 equalizer compensation amount No. 4	0 PVU		-1000 to +1000 PVU(PV1)
59	PA 59	PV1 equalizer compensation point No. 5	2000 PVU		-19999 to +20000 PVU(PV1)
60	PA 60	PV1 equalizer compensation amount No. 5	0 PVU		-1000 to +1000 PVU(PV1)
61	PA 61	PV1 equalizer compensation point No. 6	2500 PVU		-19999 to +20000 PVU(PV1)
62	PA 62	PV1 equalizer compensation amount No. 6	0 PVU		-1000 to +1000 PVU(PV1)
63	PA 63	PV1 equalizer compensation point No. 7	3000 PVU		-19999 to +20000 PVU(PV1)
64	PA 64	PV1 equalizer compensation amount No. 7	0 PVU		-1000 to +1000 PVU(PV1)
65	PA 65	PV1 equalizer compensation point No. 8	3500 PVU		-19999 to +20000 PVU(PV1)
66	PA 66	PV1 equalizer compensation amount No. 8	0 PVU		-1000 to +1000 PVU(PV1)
67	PA 67	PV1 equalizer compensation point No. 9	4000 PVU		-19999 to +20000 PVU(PV1)
68	PA 68	PV1 equalizer compensation amount No. 9	0 PVU		-1000 to +1000 PVU(PV1)
69	PA 69	PV1 equalizer compensation point No. 10	Range upper limit value		PV1 range upper limit value (tied)
70	PA 70	PV1 equalizer compensation amount No. 10	0 PVU		-1000 to +1000 PVU(PV1)
71	PA 71	PV2 equalizer compensation point No. 1	Low limit value of range		PV2 range lower limit value (tied)
72	PA 72	PV2 equalizer compensation amount No. 1	0 PVU		-1000 to +1000 PVU(PV2)
73	PA 73	PV2 equalizer compensation point No. 2	500 PVU		-19999 to +20000 PVU(PV2)
74	PA 74	PV2 equalizer compensation amount No. 2	0 PVU		-1000 to +1000 PVU(PV2)
75	PA 75	PV2 equalizer compensation point No. 3	1000 PVU		-19999 to +20000 PVU(PV2)
76	PA 76	PV2 equalizer compensation amount No. 3	0 PVU		-1000 to +1000 PVU(PV2)
77	PA 77	PV2 equalizer compensation point No. 4	1500 PVU		-19999 to +20000 PVU(PV2)
78	PA 78	PV2 equalizer compensation amount No. 4	0 PVU		-1000 to +1000 PVU(PV2)
79	PA 79	PV2 equalizer compensation point No. 5	2000 PVU		-19999 to +20000 PVU(PV2)
80	PA 80	PV2 equalizer compensation amount No. 5	0 PVU		-1000 to +1000 PVU(PV2)
81	PA 81	PV2 equalizer compensation point No. 6	2500 PVU		-19999 to +20000 PVU(PV2)
82	PA 82	PV2 equalizer compensation amount No. 6	0 PVU		-1000 to +1000 PVU(PV2)
83	PA 83	PV2 equalizer compensation point No. 7	3000 PVU		-19999 to +20000 PVU(PV2)
84	PA 84	PV2 equalizer compensation amount No. 7	0 PVU		-1000 to +1000 PVU(PV2)
85	PA 85	PV2 equalizer compensation point No. 8	3500 PVU		-19999 to +20000 PVU(PV2)
86	PA 86	PV2 equalizer compensation amount No. 8	0 PVU		-1000 to +1000 PVU(PV2)
87	PA 87	PV2 equalizer compensation point No. 9	4000 PVU		-19999 to +20000 PVU(PV2)

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88	PA 88	PV2 equalizer compensation amount No. 3	0 PVU		-1000 to +1000 PVU ( PV2 )
89	PA 89	PV2 equalizer compensation point No. 10	4500 PVU		-19999 to +20000 PVU(PV2)
90	PA 90	PV2 equalizer compensation amount No. 10	0 PVU		-1000 to +1000 PVU(PV2)
91	PA 91	PV2 equalizer compensation point No. 11	5000 PVU		-19999 to +20000 PVU(PV2)
92	PA 92	PV2 equalizer compensation amount No. 11	0 PVU		-1000 to +1000 PVU(PV2)
93	PA 93	PV2 equalizer compensation point No. 12	5500 PVU		-19999 to +20000 PVU(PV2)
94	PA 94	PV2 equalizer compensation amount No. 12	0 PVU		-1000 to +1000 PVU(PV2)
95	PA 95	PV2 equalizer compensation point No. 13	6000 PVU		-19999 to +20000 PVU(PV2)
96	PA 96	PV2 equalizer compensation amount No. 13	0 PVU		-1000 to +1000 PVU(PV2)
97	PA 97	PV2 equalizer compensation point No. 14	6500 PVU		-19999 to +20000 PVU(PV2)
98	PA 98	PV2 equalizer compensation amount No. 14	0 PVU		-1000 to +1000 PVU(PV2)
99	PA 99	PV2 equalizer compensation point No. 15	7000 PVU		-19999 to +20000 PVU(PV2)
100	PA100	PV2 equalizer compensation amount No. 15	0 PVU		-1000 to +1000 PVU(PV2)
101	PA101	PV2 equalizer compensation point No. 16	7500 PVU		-19999 to +20000 PVU(PV2)
102	PA102	PV2 equalizer compensation amount No. 16	0 PVU		-1000 to +1000 PVU(PV2)
103	PA103	PV2 equalizer compensation point No. 17	8000 PVU		-19999 to +20000 PVU(PV2)
104	PA104	PV2 equalizer compensation amount No. 17	0 PVU		-1000 to +1000 PVU(PV2)
105	PA105	PV2 equalizer compensation point No. 18	8500 PVU		-19999 to +20000 PVU(PV2)
106	PA106	PV2 equalizer compensation amount No. 18	0 PVU		-1000 to +1000 PVU(PV2)
107	PA107	PV2 equalizer compensation point No. 19	9000 PVU		-19999 to +20000 PVU(PV2)
108	PA108	PV2 equalizer compensation amount No. 19	0 PVU		-1000 to +1000 PVU(PV2)
109	PA109	PV2 equalizer compensation point No. 20	Range upper limit		PV2 range upper limit value (fixed)
110	PA110	PV2 equalizer compensation amount No. 20	0 PVU		-1000 to +1000 PVU(PV2)
111	PA111	PV1 ratio	1.000		0.001 to 9.999
112	PA112	PV2 ratio	1.000		0.001 to 9.999

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