



Dimensions: 3.20" x 2.70" (81 x 69 mm) Revision 1.00

Draft Version

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Draft Version - Draft Version - Draft Version - Draft Version - Draft Version Description of Mini-Panel

The mini-panel is primarily intended to make it easy to build control panels for yards, towns, interlockings and other layout applications. A secondary use of the panel is to provide rudimentary automation of trains or control of signals. For more complex automation or signal operation the <u>Macro</u>-panel has more comprehensive implementation of these secondary features and more memory for command storage.

The mini panel has 30 inputs that can be connected to pushbuttons, toggle switches, block detectors, etc. for the purpose of issuing accessory, macro or locomotive control commands. A thirty-first input is provided to act as a panel reset. Activation of an input can initiate sending a string of DCC commands through the track to turnouts, locomotives, signals or other DCC controlled devices. Inputs are activated by connecting them to the mini panel "GROUND". This makes the mini panel compatible with all pushbutton/toggle switches and most block detectors.

The mini-panel complicates with the command station via the cab bus and uses one cab bus address.

Setup (programming) of the mini-panel is accomplished by plugging a ProCab or NCE USB adapter into the "setup" jack. If USB is used the mini-panel memory is accessed via binary CV read and write commands (page or direct mode). USB jumpers should be set for PowerCab v1.28 or ALL SYS. CV7 and CV8 return the manufacturer number and version of the Mini Panel as with a decoder when used with the USB interface.

Installation Notes:

The mini panel runs off Cab Bus power (nominal 12V DC) and draws about 90mA of current, slightly less than a ProCab. NOTE: When used with the PowerCab use the mini panel default address of 3.

Wiring:

See the diagram below for sample wiring ideas.



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Draft Version - Draft Version - Draft Version - Draft Version - Draft Version Mini Panel Configuration Memory

Location 0 - Cab bus addres

This is the Cab bus address useed by the Mini-Panel on the NCE Cab bus. The defualt address is 3. Setting this address to 0 will reset the Mini-Panel to factory defaults.

Location 1 - Debounce timer

Normally doesn't need to be changed. The value in this location determines how many cab bus "pings" (how many times the mini-panel is addressed on the cab bus) that an input must be grounded before the Mini-Panel recognizes it as a valid signal.

Location 2 - For mat for display of unknown commands

Memory location 2 controls whether (or not) the mini panel will display "unknown" commands in hex or decimal. A zero in location 2 means display in decimal, 1=hex. When using the USB interface (or the SETUP CONFIG menu) it is possible that command can get entered that the mini panel Review feature does not know how to display. In this case the mini panel will display the contents of these memory locations on the ProCab LCD screen as numeric values.

Location 3 - Continuous Memory

You can write fairly long automation sequences by constructing strings of 3 commands followed by a link to another string. This is inefficient in that only three out of four command locations in memory actually control anything.

Memory location 3 can be programmed an input number above which memory will be considered continuous. This means above that input number commands will continue to flow across each four command boundary and be executed until a terminating command of 0x00,0x00 is encountered.

Remember that if any of those higher number inputs are grounded the associated commands starting at that input number will still be executed (unless memory location 4 is programmed) and run until a termination command is encountered.

Location 4 - Disabled inputs

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_
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Memory location 4 can be programmed with the input number above which electrical status of those inputs will be ignored. Grounding one of those inputs will not result in execution of its command string. The input will still be used by the WAIT and SKIP commands that look at input status.

Location 5 - Interrupting Wait Commands

Wait commands will loop until the input condition is met. No other operations of the mini panel will be performed while waiting so the panel will appear dead. It is quite possible that situations on the layout will occur that upset the flow of your automation 'program'. Imagine that the program is waiting for a loco to get to a certain block and a derailment occurs causing the train to stop. The loco is replaced on the track but on a parallel track resulting in the loco never getting to the block that the program is expecting to be occupied. The mini panel will wait forever appearing to be unresponsive. You can utilize an unused input of the mini-panel as an 'interrupt' to break the mini panel out of this wait forever loop and continue normal operations. Program memory location 5 with the input number you want to use as the interrupt. By connection a pushbutton to this input you can provide a recovery mechanism without resetting the entire panel, losing turnout positions, signal aspects or loco function states.

Location 6 -

Memory location 6 is unused.

Location 7 -Memory location 7 is unused.

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Draft Version - Draft Version - Draft Version - Draft Version - Draft Version To set up the Mini Panel plug a ProCab into the "SETUP" jack of the Mini Panel, make sure the Cab Bus is connected from the Mini Panel to the NCE DCC system and turn the power for the system on.

The mini panel will detect the presence of the ProCab and you should see an opening LCD display of:

NCE	ΜI	NI-	PΑ	NEL
VER	SI	ΟN	1.	00

Press ENTER on the ProCab to get the main display for panel setup

	7
1=SETUP 2=MACRO 3=TEST OPERATION	r

We want to setup the panel so press "1" to enter setup mode, this will present the display screen as below

|--|

Press "1" to setup an INPUT.

We will start programming the inputs with input number 1. Type "1" followed by "ENTER" to program input number 1

Normally when setting up an input we start with step number 1. We want to start programming at step 1 so just press ENTER to accept that step. Commands will be sent from the Mini Panel in order of their step number until an 'empty' step is encountered or four steps are completed.

INP: 01 STEP: 1 1=ACCY 2=MACRO	
-----------------------------------	--

At this point we're ready to tell the mini panel exactly which command to send when button 1 is pushed. Press "1" to send an accessory command.

Type the accessory number "1" followed by "ENTER". Allowable NMRA accessory addresses are 1-2044. Accessory number 2044 is the broadcast address for accessories. There is no accessory address 0.

|--|

Press "1" to send the accessory command for Normal when button 1 is pressed.

INP:	01	STEP:	2
1=AC	CY 2	:=MACRO	

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Note that the step number has increased to 2 indicating the last command has been accepted and the Mini Panel is ready for the next command for this input. We don't need any more commands for this input so press "PROG/ESC" to return to the main menu.

1=	SE	TUP	2=MACRO	
3=	TE	ST	OPERATION	

Let's review the command that has just been programmed. Press "2" to review.

1=SETUP	2=REVIEW
REVIEW	INPUT:

Type "1" and press "ENTER" to review the command sent by input number 1

INP:	01	STEP:	1
ACCY:	<u>9</u> 9	1 NORM	

The LCD no displays the accessory number (1) that we entered and the turnout position (Normal). Press "ENTER" to see the next step for this input

ST	01 S ⁻	INP: 01 S ⁻
END-	END-	END-

The display now indicates that there are no more entries programmed into this string. At this point you may continue press ENTER" to cycle up through all the commands programmed if you wish. The Input and step numbers will be displayed as well as a description of the command for that step. Press "PROG/ESC" to return to the main menu.

1=SETUP	2=MACRO
3=TEST	OPERATION

At this point we have programmed and reviewed the command(s) that will be sent when input number 1 is grounded. The command can be tested by pressing "3".

TESTI	ЧG	
INPUT	NUMBER:	01

Press "1" followed by "ENTER" to test input 1. The command string associated with input number 1 will be sent.

1=SETU	P 2=MACRO
3=TEST	OPERATION

Putting the Mini Panel into test mode will also allow testing of any input by grounding that input number. Pressing any button on the ProCab will return the Mini Panel to setup mode.

Finishing programing:

At this point we have programmed, reviewed and tested the command(s) that will be sent when input number 1 is grounded. In a similar manner we can program the commands for inputs 2,3 and 4 using the proper accessory or macro commands.



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Draft Version - Draft Version - Draft Version - Draft Version - Draft Version Command Descriptions:

The following commands can be setup through the ProCab user interface and sent by the Mini Panel:

Accessory/Macro commands

- Accessory Command all NMRA standard accessory addresses (1-2044) can be sent via the accessory command. There is no address 0. Address 2044 is the boradcast addresss.
- Macro command all NCE macro numbers (0-255) can be sent via the Macro command.

Locomotive commands

Speed and functions may be controlled

- Select loco A locomotive must be selected before any commands can be sent to that loco. Any NMRA standard locomotive address (up to 9999) may be selected. Short addresses fro 1-127 and long addresses 0-9999 are all valid and are entered in the same manner as they are selected in normal operations with a Pro/Power Cab. A leading zero before and address in the range of 1-127 indicates a long address. Once a loco address is selected all speed, function and Ops programing commands will be sent to that address unless another address is selected.
- Speed commands Both 28 and 128 speed mode commands can be sent. Once the speed is entered the direction can be changed by pushing the "DIRECTION" button.
- Function commands Function commands for F0-F8 can be sent. Due to the way
 the NMRA has defined function operation, functions are not controlled individually
 but are controlled in groups of four or five (or eight) at once. The state of F0-F4
 (function group 1) must be sent as one command while the state of F5-F8 (function
 group 2) is as a different command. When you choose the 'Function' option from
 the Loco commands Menu you must choose which function group you want to
 control

Once the group is selected you can select which functions in that group are to be on or off.

PRESS	F	NUMB	ER
DIGIT	S 0	-4:-	

In the case of function group 1 (LCD display above) pressing a digit of 0-4 will toggle that function on/off. If a digit is displayed the function will be on of a dash ("-") is displayed the function will be off.

PRESS F	NUMBER
DIGITS	0-4:0-23-

In the display above F0 (headlight), F2 and F3 will be on and F1, F4 will be off.

Signal commands

 Signal Command - all NMRA standard signal addresses (1-2044) can be controlled via the signal command. Aspects are limited to the first 8 aspects (0-7). The signal commands are the NMRA standard signal commands using NMRA standard signal control packets. There is no address 0. Address 2044 is the broadcast address.

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There are 6 groups of 'other' commands executed by the Mini Panel. These commands do not result in a DCC command being sent but control the flow of the commands from the Mini Panel.

- Delays Two different delay commands can be used. These commands will cause the Mini Panel to delay execution of the next command in increments of ¼ second (up to 64 seconds total delay) or increments of 4 seconds (up to 1020 seconds total delay). A delay of 0 will cause the next command to be executed immediately. Use of this command causes all operation of the Mini Panel to stop while the command is in progress.
- Wait There are two Wait commands, one command waits for a indicated input to be grounded, the other waits for the indicated input to become ungrounded (open). Use of this command causes all operation of the Mini Panel to stop while the command is in progress.
- Link Use of this command will transfer operation to the string of four commands associated with another input.
- Skip -There are two commands that can be used to make a decision based on the status of an input. These commands check the status of a user indicated input and either execute the next command in the string or skip over that command and execute the following command. One skip command skips if the indicated input is grounded the other skips if the input is ungrounded (open). These are very powerful commands allowing the Mini Panel to execute different commands based on the state of an input at the time the skip command is executed.
- Nop The No-Operation command. This command can be used as a place holder for future commands. When the Mini panel encounters this command in the command string it will be ignored and the next command will be executed.
- CV Program Allows programming of locomotive CVs in Ops mode. OPs mode programming requires 3 steps:
 - set loco address (long or short) set CV number
 - set CV data

When the data command is executed an Ops programming command will be issued out over the cab bus to the track.

Technical stuff:

Linking command strings

Inputs cannot normally be "decoupled" from their command string. If you link to the command string of an input that is connected to something that may activate that input, the commands for that input will be executed when the input is grounded. In some circumstances this may be desirable allowing portions of larger, longer command strings to be used. Normally you will want to leave linked inputs electrically unconnected.

OPs programming command

OPs mode programming requires 3 steps:

- set loco address (long or short)
- set CV number

set CV data

When the data is set the programming command will be issued out over the cab bus to the track. If the loco address has already been set in a previous command that address will be used. The same applies to the CV number. You can use this to your advantage to program momentum using the (3 required steps) into a locomotive then later just programming a new momentum value using only the set CV data command.

Command string terminator

When the mini panel encounters the command 0x00,0x00 it is considered the command string terminator. Any commands following the terminator in the string will not be executed.

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Draft Version - Draft Version - Draft Version - Draft Version Input scanning

The inputs of the Mini-panel are scanned in numerical order. Inputs are sampled in groups of 8 and stored in temporary memory. This group is then scanned for active inputs. An input at or near ground potential is considered active. When an input is transitions from open (high due to 5v pull-up resistor) to ground (low) it will trigger execution of a string of up to four commands associated with that input. Transitions from low to high are ignored and no action is performed.

The lowest numbered active input of the group of eight is acted upon first. The command string associated with that input will be executed. Execution of the command string will continue until a command of 0x00,0x00 is encountered or until 4 commands are executed.

One exception to the four command limit is the "link" command that transfers execution to another input command string. This allows borrowing the memory location from other (possibly) unused inputs to create longer strings of commands. The memory space for the unused input can be used by another command string.

Once a command string has completed execution the next active input will be located and its command string executed.

After a group of 8 inputs is scanned and any active inputs are serviced the next group of 8 inputs will be sampled.

Inputs are captured eight at a time and actions generated by those 8 inputs are completed before capturing the next higher group of eight. If an input of one group of 8 initiates a long string of commands (see linking below) that will take a significant period of time is it possible to miss momentarily activated inputs. This is not a problem for typical applications with quick acting command strings such those used with a control panel that just issues accessory/macro commands. The problem may occur in layout automation applications that require long periods of time waiting for a loco to enter a block or delays used for stopping at a station. In these cases you must carefulyl consider the series of event that may be happening and how commands are strung together.

USB interface

When using the NCE USB interface memory locations 1-255 can be read or written using programming track direct mode binary commands 0xa8 and 0xa9. It is necessary to put the USB interface into program track mode with the 0x9e command before attempting programming other wise you will just get the "not in program track mode" response from the USB interface. This will allow you to test the commands you just programmed without having to disconnect the USB interface. You cannot read memory location 0 (Cab Bus address). Memory locations 6 (ver) and 7 (mfr) allow you to determine the Mini Panel manufacturer and software version. Mini panel software versions start at 200 (decimal) and the manufacturer is 11 decimal (NCE). You may still write memory locations 6 and 7 but not read them through the USB interface. They are trapped by the mini panel software when the USB is used for reading with the manufacturer and version substituted for the actual values in memory. You can read them by plugging a ProCab into the SETUP port.

When using Decoder Pro for programming select: Service mode programming Comprehensive Programmer format NMRA Raw CVs 1-255

Click on "READ" for CV1. Due to multiple layers of buffering between the USB and Mini Panel the first CV read will fail but you should get valid reads and writes from that point on. Using Direct Byte mode is slightly faster than Paged mode.



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When finished programming you can put the Mini Panel back into operational mode with the 0xa6 (Write register) command. Any register and value is OK. The panel is just looking for any Write Register command

Gotchas

• Any and all commands for Input 31 will be executed before the mini panel tries to detect a ProCab plugged into the SETUP port. If you have an automation program that begins at power up the ProCab will not be detected for setup until the program completes. If the program doesn't complete ("wait forever" etc) you will not be able to access the setup menus. Workaround: You can force the Mini Panel into setup mode by installing the "PROG" jumper. It is best to remove the jumper as soon as you get into setup mode as the jumper shorts out the mini panel internal Cab Bus receive line. The mini panel chips <u>should</u> be protected against this short but it's best to not tempt fate.





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The table below describes the hex bytes stored in the memory locations for each command

Hex	1st B	yte	2nd E	Byte	Command
0x00	0000	0000	0000	0000	command string terminator - stop
					execution
00->07	0000	0aaa	aaaa	aaaa	accessorv on(N) 1->2044, addr 0 not
					valid
08-\0f	0000	1222	2222	2222	accessory off(R) 1 > 2011 addr 0 not
00-701	0000	1000	aaaa	<i>aaaa</i>	valid
40 . 76	01				
40->/†	01nn	naaa	aaaa	aaaa	signal 1-2044 aspect 0-7, addr 0 not
					valid
80->b7	10aa	aaaa	aaaa	aaaa	set long loco address 0-10239
b8-bb	1011	10nn	nnnn	nnnn	set OPs CV num. 1-1024 (set loco/accy
					addr 1st)
bc	1011	1100	dddd	dddd	set OPs loco CV data (set CV number
					first)
hd	1011	1101	дддд	dddd	set OPs accy (V data (set (V number
bu	1011	1101	uuuu	uuuu	finct)
н.	1011				TIPSU)
be	1011	1110	aaaa	aaaa	set OPs signal CV data (set CV number
					first)
bf	1011	1111	nnnn	nnnn	delay in 4 second increments
с0	1100	0000	0sss	SSSS	stored loco 128 speed reverse
c0	1100	0000	1sss	SSSS	stored loco 128 speed forward
c1	1100	0001	000s	SSSS	stored loco 28 speed reverse (0-28
-					valid)
c1	1100	0001	001 c		stored loco 28 speed forward (0-28
	1100	0001	0013	3333	valid)
-1	1100	0001	0100		Vallu)
C1	1100	0001	0101	TTTT	function group 1 10,14,13,12,11
C1	1100	0001	0110	++++	function group 2 +8,+7,+6,+5
c1	1100	0001	0111	++++	function group 3 f12,f11,f10,f9
c1	1100	0001	1aaa	aaaa	set short loco address
c2	1100	0010	ffff	ffff	f20->f13
c3	1100	0011	ffff	ffff	f28->f21
c4	1100	0011	nnnn	nnnn	loco detected in block 0-255
c5	1100	0101	nnnn	nnnn	delay in 1/4 second increments
c6	1100	0101	aaan	nnnn	wait until input nonpo active 0 not
0	1100	0110	00011		walt until input minim active, o not
	1100	0110	0.01		valiu
C6	1100	0110	001n	nnnn	wait until input nnnnn not active, 0
					not valid
c6	1100	0110	010n	nnnn	link to execute commands for input
					nnnn
c6	1100	0110	011x	XXXX	unused
c6	1100	0110	100n	nnnn	if input nnnnn active skip the next
					command
66	1100	0110	101n	nnnn	if input nonnon not active skin the
0	1100	0110	10111		novt command
<u>.</u>	1100	0110	11		net used
0	1100	0110	TTXX	XXXX	not usea
с/	1100	0111	nnnn	nnnn	macro 0-255
c8-cf	1100	1aaa	aaaa	aaaa	set accessory/signal address 1-2044
d0-fe					unused
ff	1111	1111	1111	1111	nop - no-operation, just execute next
					command

Key:

a - address bit, f - function bit, n - number, s - speed data, x - undefined Notes:

Commands bf and c5 block reading/execution of *all* inputs until time expires

The wait commands of c6 block reading of *all other* inputs until condition is met

The "skip" commands of c6 work in "real time" (right now) and do not wait or block other commands

Once the loco address is set all subsequent locomotive commands will be sent to that address. Once the accy or signal address is set all subsequent OPs programming commands will be sent to that address

Due to memory limitations the 0xbd,0xbe,0xc2, 0xc3, 0xc8 and 0xc6 function group 3 commands are not available through the ProCab setup interface. They are available for use through the USB interface.

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Chart of Mini Panel memory locations

Memory location		Description		
Decimal	Hex	INP #	Step #	
0	0x00	Cab Bu	s Addr	
1	0x01	Debo		
2	0x02	Clear 8 r		
2	0x02	Ciedi Ul		
3	0x03			
4	0x04	Dead	nputs	
5	0x05	"Wait" Ir	nterrupt	
6	0x06		-	
7	0x07		-	
8/9	08/09	1	1	
10/11	0a/0b	1	2	
12/13	0c/0d	1	3	
14/15	00/00	1		
14/15		0	4	
16/17	10/11	2	1	
18/19	12/13	2	2	
20/21	14/15	2	3	
22/23	16/17	2	4	
24/25	18/19	3	1	
26/27	1a/1b	3	2	
28/29	1c/1d	3	3	
20/23	10/10	2		
30/31	00/04		4	
32/33	20/21	4	1	
34/35	22/23	4	2	
36/37	24/25	4	3	
38/39	26/27	4	4	
40/41	28/29	5	1	
42/43	2a/2b	5	2	
44/45	2c/2d	5	3	
46/47	20/20	5		
40/47	26/21	0	4	
48/49	30/31	6	1	
50/51	32/33	6	2	
52/53	34/35	6	3	
54/55	36/37	6	4	
56/57	38/39	7	1	
58/59	3a/3b	7	2	
60/61	3c/3d	7	3	
62/63	30/3f	7	4	
64/65	40/44	,		
64/65	40/41	8	1	
66/67	42/43	8	2	
68/69	44/45	8	3	
70/71	46/47	8	4	
72/73	48/49	9	1	
74/75	4a/4b	9	2	
76/77	4c/4d	9	3	
78/79	40/4f	à	4	
90/94	50/54	10		
00/01	50/51	10		
82/83	52/53	10	<u> </u>	
84/85	54/55	10	3	
86/87	56/57	10	4	
88/89	58/59	11	1	
90/91	5a/5b	11	2	
92/93	5c/5d	11	3	
94/95	5e/5f	11	4	
96/97	60/61	12		
90/91	60/01	12		
98/99	02/03	12	<u> </u>	
100/101	64/65	12	3	
102/103	66/67	12	4	
<u>104/105</u>	68/69	13	1	
106/107	6a/6b	13	2	
108/109	6c/6d	13	3	
110/111	6e/6f	13	4	
112/112	70/74	14		
114/14	70/70	14		
114/115	12/13	14	2	
116/117	/4/75	14	3	
118/119	76/77	14	4	
120/121	78/79	15	1	
122/123	7a/7b	15	2	
124/125	7c/7d	15	3	
126/127	7e/7f	15	4	
0, 1 _ 1			•	

Memory location		Description		
Decimal	Hex	INP #	Step #	
128/129	80/81	16	1	
130/131	82/83	16	2	
132/133	84/85	16	3	
134/135	86/87	16	4	
136/137	88/89	17	1	
138/139	8a/8b	17	2	
140/141	8c/8d	17	3	
142/143	8e/8f	17	4	
144/145	90/91	18	1	
146/147	92/93	18	2	
148/149	94/95	18	3	
150/151	96/97	18	4	
152/153	98/99	19	1	
154/155	90/99 92/9h	19	2	
156/157	9a/9b	10	3	
159/150	90/90	19	3	
100/109	96/91	19	4	
160/161	a0/a1	20	1	
102/103	a2/d3	20	2	
104/105	a4/a5	20	3	
100/10/	a0/a/	20	4	
168/169	a8/a9	21		
170/171	aa/ab	21	2	
1/2/173	ac/ad	21	3	
174/175	ae/af	21	4	
176/177	b0/b1	22	1	
178/179	b2/b3	22	2	
180/181	b4/b5	22	3	
182/183	b6/b7	22	4	
184/185	b8/b9	23	1	
186/187	ba/bb	23	2	
188/189	bc/bd	23	3	
190/191	be/bf	23	4	
192/193	c0/c1	24	1	
194/195	c2/c3	24	2	
196/197	c4/c5	24	3	
198/199	c6/c7	24	4	
200/201	c8/c9	25	1	
202/203	ca/cb	25	2	
204/205	cc/cd	25	3	
206/207	ce/cf	25	4	
208/209	d0/d1	26	1	
210/211	d2/d3	26	2	
212/213	d4/d5	26	3	
214/215	d6/d7	26	4	
216/217	d8/d9	27	1	
218/219	da/db	27	2	
220/221	dc/dd	27	3	
222/223	de/df	27	4	
224/225	e0/e1	28	1	
226/227	e2/e3	28	2	
228/229	e4/e5	28	3	
230/231	e6/e7	29	4	
232/233	e8/e9	29	1	
234/235	ea/eh	29	2	
236/237	ec/ed	29	3	
238/239	ee/ef	30	4	
240/241	f0/f1	30	1	
242/243	f2/f3	30	2	
244/245	f4/f5	30	3	
246/243	f6/f7	30	4	
240/24/	fg/f0	31	4	
250/251	10/19 fo/fb	21		
200/201	fo/fd	21	2	
202/203	10/10 fo/ff	21	<u>></u>	
204/200	Ie/IT	<u> </u>	4	
1				

Default values for memory locations

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Location 0 - 3 Cab bus address, 2-63 are OK

Location 1 - 5 Debounce timer (normally doesn't ever need change)



Location 2 - 0 Clear all 8 memory locations for an input when programming 1=don't Location 3 - 0 Input number at/above which command string memory is continuous

Location 4 - 0 Input number at/above which commands will not execute if input active

Location 5 - 0 Input number than can be used to interrupt "wait" commands

Location 6 - Unused (Software version 201 when read via USB - CV7)

Location 7 - Unused (Manufacturer 11 when read via USB - CV8)

Locations 8 through 255 - 0

Warning: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Warranty

This product is fully factory tested and warranted against manufacturing defects for a period of 1 year. As the circumstances under which this product is installed can not be controlled, failure due to installation problems can not be warranted. This includes misuse, miswiring, operation under loads or voltages beyond the design range of the product.

For warranty or non-warranty repair/replacement send the product (an any payment, if required) to:

NCE Warranty Center 82 East Main St.

Webster, New York 14580

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