

NCE Mini Panel Commands - v05b — 11/14/2011

Comments:

Page 2 shows Inputs 1 thru 10; these are hooked up to push buttons. Buttons 1 thru 6 start up locomotives, and button 8 stops locomotives, and turns off their sound.

Page 3 (Steps 14 thru 18) operates on ONE track only (using whichever siding the turnout is set to)


Page 4 shows the commands used in the VIDEO for ALTERNATING tracks (Steps 21 thru 30) .

Memory:

The memory locations 1-13 only execute 1 memory block (4 steps) at a time (unless you use a "link to input xx" command to continue to the next set of 4 steps).

The memory locations 14 thru 31 have been set to "continuous memory", so that commands keep executing from 1 step to the next until they encounter either an "end" command or "link to input xx" command that "loops" back to the beginning of the sequence.

All this stuff is explained BETTER in the Instruction Manual, which you can download from the NceDcc.com website.



AutoControls #805: NCE Mini Panel Pt-To-Pt, Alternating Routes
by James R. Ingram PLUS
14 hours ago

A. ABOUT THIS VIDEO - SUMMARY:
... This video shows an NCE DCC "Mini Panel" controlling an S gauge train runnir

You can view the VIDEO by using the forwarding link <http://track2.com/info/805> .

NCE Mini Panel Commands - v05b — 11/14/2011

((use cont. memory, starting input 14)) (set mem loc 3 = 14)
 Cv3=acc=30, Cv4=dec=30

Use inputs 11+12
 Eng. 452 EL, 305 Frisco //228 FEC, 302 Atlantic

sensor 11 left end, sensor 12 right end Note F5 is strobe, no longer F6

		Command	Action
1	1	Select Loco: 228 FEC	228 strt single
1	2	F0-F4: 0----	F0=headlights on
1	3	Link to Input: 14	
1	4	nop	
-	-		
2	1	Select Loco: 305 Frisco	305 strt single
2	2	F0-F4: 0----	F0=headlights on
2	3	Link to Input: 14	
2	4	nop	
-	-		
3	1	~~> Select Loco: 452 EL	452 strt single
3	2	F5-F8: 5---	F5=strobe ON (F8 should be sound, but turns off)
3	3	F0-F4: 0----	F0=headlights on
3	4	Link to Input: 14	
-	-		
4	1	Select Loco: 228 FEC	228 strt BOTH
4	2	F0-F4: 0----	F0=headlights on
4	3	Link to Input: 21	
4	4	nop	
5	1	Select Loco: 305 Frisco	305 strt BOTH
5	2	F0-F4: 0----	F0=headlights on
5	3	Link to Input: 21	
5	4	nop	
-	-		
6	1	~~> Select Loco: 452 EL	452 strt BOTH
6	2	F5-F8: 5---	F5=strobe ON (F8 should be sound, but turns off)
6	3	F0-F4: 0----	F0=headlights on
6	4	Link to Input: 21	
7	1	nop	
7	2	nop	
7	3	nop	
7	4	nop	
			Stop All Locos
8	1	Select Loco: 228 FEC	
8	2	Speed Fwd: 0	STOP
8	3	F5-F8: ---8	Sound OFF F8 =sound; toggles)
8	4	Link to Input: 9	
-	-		
9	1	Select Loco: 305 Frisco	
9	2	Speed Fwd: 0	STOP
9	3	F5-F8: ---8	Sound OFF F8 =sound; toggles)
9	4	Link to Input: 10	
10	1	~~> Select Loco: 452 EL	
10	2	Speed Fwd: 0	STOP
10	3	F5-F8: ---8	Sound OFF F8 =sound; toggles) (F5=strobe)
10	4	nop	

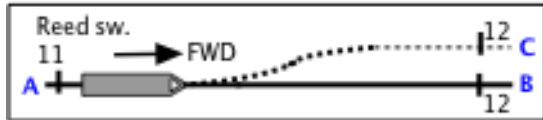
Summary

Single Track Commands

This set of commands (Steps 14 thru 18) operates on ONE track only

It will use either siding - depending on how the turnout is set.

The **NEXT** page shows commands used in the VIDEO for ALTERNATING tracks.



		Command	Action
14	1	Speed Fwd: 6	Forward - - → to Pt. B
14	2	Wait Inp: 12 Close	wait to cross reed Sw. #12 on Right end
14	3	F0-F4: 01---	F0 headlights on, F1 bell ON
14	4	Speed Fwd: 0	STOP speed 00
-	-		
15	1	Delay 4 sec: 2	delay 8 second to ring bell
15	2	F0-F4: 0----	F0 headlights on, F1 bell OFF
15	3	Delay 4 sec: 001	delay at R end for <u>4</u> sec
15	4	Speed Rev: 6	←--Reverse - to Pt. A
-	-		
16	1	Delay 4 sec: 2	delay 8 second (silence)
16	2	F0-F4: 0-2--	headlights on, horn ON
16	3	Delay 4 sec: 001	delay 4 second (blow HORN 4 sec)
16	4	F0-F4: 0----	headlights on, horn OFF (F0 lights, F2 horn)
-	-		
17	1	Wait Inp: 11 Close	wait to cross reed Sw. #11 on Left end
17	2	F0-F4: 01---	F0 headlights on, F1 bell ON
17	3	Speed Fwd: 0	STOP speed 00
17	4	Delay 4 sec: 2	delay 8 second to ring bell
-	-		
18	1	F0-F4: 0----	F0 headlights on, F1 bell OFF
18	2	Delay 4 sec: 001	delay at L end for <u>4</u> sec
18	3	Link to Input: 14	Go back and repeat sequence
18	4		

Summary

Forward →
Sensor →

Bell ON

(bell ring)

(bell off)

←--Reverse

Horn ON

(horn blow)

(horn off)

← Sensor

Bell ON

(bell ring)

(bell off)

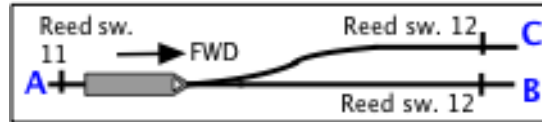
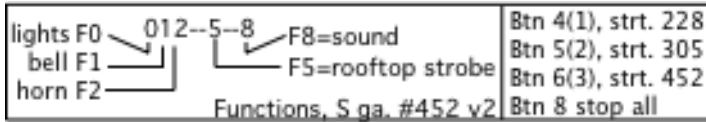
Repeat the sequence

COMMENTS:

The above commands would operate the locomotive on a SINGLE track.

If the turnout was manually set, the locomotive would travel whichever route was selected (since no commands are sent to change the turnout position).

NCE Mini Panel Commands - v05b - 11/14/2011



		Command	VIDEO - Both Sidings	Summary
21	1	nop		
21	3	nop		
21	4	Accy: 9 Norm	turnout str Straight Rte	
-	-		(would like a TOGGLE TURNOUT command here)	
22	1	Speed Fwd: 6	1. Forward - - → to Pt. B	Forward →
22	2	Delay 4 sec: 2	delay 8 second (silence)	
22	3	F0-F4: 0-2--	headlights on, horn ON	Horn ON (horn blow)
22	4	Delay 4 sec: 001	delay 4 second (blow HORN 4 sec)	
-	-			
23	1	F0-F4: 0----	headlights on, horn OFF (F0 lights, F2 horn)	(horn off)
23	2	Wait Inp: 12 Close	wait to cross reed Sw. #12 on Right end	Sensor →
23	3	F0-F4: 01---	F0 headlights on, F1 bell ON	Bell ON
23	4	Speed Fwd: 0	STOP speed 00	
-	-			
24	1	Delay 4 sec: 2	delay 8 second to ring bell	(bell ring)
24	2	F0-F4: 0----	F0 headlights on, F1 bell OFF	(bell off)
24	3	Delay 4 sec: 001	delay at R end for <u> 4 </u> sec	
24	4	Speed Rev: 6	2. ←--Reverse - to Pt. A	←--Reverse
-	-			
25	1	Wait Inp: 11 Close	wait to cross reed Sw. #11 on Left end	← Sensor
25	2	F0-F4: 01---	F0 headlights on, F1 bell ON	Bell ON
25	3	Speed Fwd: 0	STOP speed 00	
25	4	Delay 4 sec: 2	delay 8 second to ring bell	(bell ring)
-	-			
26	1	F0-F4: 0----	F0 headlights on, F1 bell OFF	(bell off)
26	2	Delay 4 sec: 001	delay at L end for <u> 4 </u> sec	
26	3	nop		
26	4	nop		
-	-		==Curved Spur	
27	1	Accy: 9 REV	Set turnout CURVED	
27	2	Speed Fwd: 6	3. Forward - - → to Pt. C	Forward →
27	3	Wait Inp: 12 Close	wait to cross reed Sw. #12 on Right end	Sensor →
27	4	F0-F4: 01---	F0 headlights on, F1 bell ON	Bell ON
-	-			
28	1	Speed Fwd: 0	STOP speed 00	
28	2	Delay 4 sec: 2	delay 8 second to ring bell	(bell ring)
28	3	F0-F4: 0----	F0 headlights on, F1 bell OFF	(bell off)
28	4	Delay 4 sec: 001	delay at R end for <u> 4 </u> sec	
-	-			
29	1	Speed Rev: 6	4. ←--Reverse - to Pt. A	←--Reverse
29	2	Wait Inp: 11 Close	wait to cross reed Sw. #11 on Left end	← Sensor
29	3	F0-F4: 01---	F0 headlights on, F1 bell ON	Bell ON
29	4	Speed Fwd: 0	STOP speed 00	
-	-			
30	1	Delay 4 sec: 2	delay 8 second to ring bell	(bell ring)
30	2	F0-F4: 0----	F0 headlights on, F1 bell OFF	(bell off)
30	3	Delay 4 sec: 001	delay at L end for <u> 4 </u> sec	
30	4	Link to Input: 21	Go back and repeat sequence	Repeat the sequence