Digitrax Command Station Specification Sheet

DCS240 5/8 Amp DCC Command Station & Booster

Power Input (DC ONLY)	Max: 25 VDC Min: 13.8 VDC
Maximum Output Current	8 Amps
Locomotive Addresses	400
Throttle Support	400
Programming Track	Yes, Separate
Program read/write	Yes
Stationary Decoder Addresses	999
2 & 4 Digit Addressing	Yes, (address range 9999)
Function Control	30 (F0Fwd, F0Rev and F1-F28)
Consisting	Yes, UniVersal or Advanced
Speed Steps	14,28,128

Prod Date	06/17/2016	**Discontinued**	Current	**Replaced By**	Current
MSRP	US$375.00			**SKU**	

DCS240 Option Switch Table		
Option Switch #	Effect on System operation when "Closed"	Factory Setting
OpSw 01	Do Not Change	t
OpSw 02	t = Command Station Mode	t
	c = Booster only Mode (not recommended)	
OpSw 03	t = DCS240's booster normal	t
	c = DCS240's booster is auto reversing	
OpSw 04	Do Not Change	t
OpSw 05	Do Not Change	t
OpSw 06	t = check for decoder before programming	t
	c = program without checking for a decoder	
OpSw 07	Do Not Change	t
OpSw 08	Do Not Change	t
OpSw 09	Do Not Change	c
OpSw 10	Do Not Change	c
OpSw 11	Do Not Change	t
OpSw 12	Do Not Change	t
OpSw 13	t = Loco address purge time 200 seconds	t
	c = Loco address purge time 600 seconds	
OpSw 14	c = Loco address purging enabled	t
	t = Loco address purging disabled	
OpSw 15	t = Purging will not change loco speed	t
	c = Purging will force a loco to 0 speed	
OpSw 16	Do Not Change	t
OpSw 17	t = Automatic advanced decoder assisted [FX] consists are enabled	t
	c = Automatic advanced decoder assisted [FX] consists are disabled	
OpSw 18	t = Normal DCS240 booster short circuit shutdown time	t
	c = Extended DCS240 booster short circuit shutdown time	
OpSw 19	Do Not Change	t
OpSw 20	t = enable address 00 or analog stretching for conventional locos	t
	c = Disable address 00 or analog stretching for conventional locos	
OpSw 21	c=OPSW21-23 set the global system default type for "NEW" loco selections SW21/22/23 set as follows: c-c-t = 128 step mode c-c-c = 128 step FX mode t-c-t = 14 step mode t-t-t = 28 step mode	c
OpSw 22		c
OpSw 23		t
OpSw 24	Do Not Change	t
OpSw 25	t = enable Route echo over LocoNet	t
	c = Disable Route echo over LocoNet	

OpSw 26	t = Disable routes	c
	c = Enable routes	
OpSw 27	t = Enable normal switch commands, a.k.a. the "Bushby bit."	t
	c = Disable normal switch commands, a.k.a. the "Bushby bit." Allows attached PC to handle switch control logic	
OpSw 28	t = Enable interrogate commands at power on	t
	c = Disable interrogate commands at power on	
OpSw 29	Do Not Change	t
OpSw 30	Do Not Change	t
OpSw 31	t = Normal route/switch output rate when not trinary	t
	c = Fast route/switch output rate when not trinary	
OpSw 32	Do Not Change	t
OpSw 33	t = Track power off at power on	c
	c = Allows track power to restore to prior state at power on	
OpSw 34	t = Disallow track to power up to run state, if set to run prior to power on	t
	c = Allows track to power up to run state, if set to run prior to power on	
OpSw 35	t = Enables Loco Reset Button	t
	c = Disables Loco Reset Button	
OpSw 36*	c = Clears all mobile decoder info & consists	t
OpSw 37*	c = Clears all routes	t
OpSw 38	Do Not Change	t
OpSw 39*	c = Clears all internal memory states, including OpSw 36, 37	t
OpSw 40*	c = Clears all internal memory states and sets Voltage Trim to default. Resets DCS240 to factory default	t
OpSw 41	t = Diagnostic click disabled	t
	c = Diagnostic click when valid LocoNet commands incoming & routes being output	
OpSw 42	t = Enable 2 short beeps when loco address purged	t
	c = Disable 2 short beeps when loco address purged	
OpSw 43	t = Enable LocoNet update of command station's track status	t
	c = Disable LocoNet update of command station's track status	
OpSw 44	t = Maximum slots to 400	t
	c = Limit slots to 120	
OpSw 45	t = Enable reply for switch state request	t
	c = Disable reply for switch state request	
OpSw 46	Do Not Change	t
OpSw 47	t = Normal Program Track Setting	t
	c = Program track is brake generator when not programming. Braking is DCC set to speed 0 (not Emergency stop) for address 0, light ON, broadcast to all addresses	

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