Digitrax Command Station/Booster/Throttle Specification Sheet

DCS50 All-in-one Command Station/Booster/Throttle

Power Input	15 AC 2.5 Amps (PS315 Included)
Maximum Output Current	2.5 Amps
Locomotive Addresses	10
Throttle Capacity	10
Jump Ports (DC Smooth Transformers)	2
Programming Track	Yes, Separate
Program read/write	Yes
Stationary Decoder Addresses	999
2 & 4 Digit Addressing	Yes, (address range 9999)
Function Control	10, F0 through F8
Consisting	Yes, UniVersal or Advanced
Speed Steps	14,28,128

Prod Date	10/07/2006	Discontinued	2010	Replaced By	DCS51
MSRP	US$179.99			SKU	

DCS50 Option Switch Table		
Option Switch #	Effect on System operation when "Closed"	Factory Setting
OpSw 01	c= 1 Jump Port t=2 Jump Ports	t
OpSw 02	c=DCS50 runs as booster/throttle with no command station capability	t
OpSw 03	c=DCS50's booster is auto reversing	t
OpSw 05	c=No change allowed for Throttle ID, Vmax or Brake Rate	c
OpSw 06	c=Function 3 is non-latching	t
OpSw 07	c=Blast Mode programming allows DCS50 to program sound decoders that require more power than is available in Service Mode programming	t
OpSw 13	c=Loco address purge time extended from 200 seconds to 600 seconds	t
OpSw 14	c=Loco address purge time is disabled	t
OpSw 15	c=Purge will force a loco to Stop or 0 speed	t
OpSw 17	c=Automatic advanced decoder assisted consists are disabled	c
OpSw 18	c=Extend the DCS51 booster short circuit shutdown time from 1/8th to ½ second	t
OpSw 20	c=Disables address 00 or analog stretching for conventional locomotives	t
OpSw 21	c=OPSW21-23 set the global system default type for "NEW" loco selections SW21/22/23 set as follows:	t
OpSw 22	t-t-t=3: 128 step mode t-t-c=7: 128 step FX mode c-t-t=2: 14 step mode	t
OpSw 23	c-c-t=0: 28 step mode t-c-c=5:	t
OpSw 27	c=Disable normal switch commands, a.k.a. the "Bushby bit." Allows attached PC to Perform switch control logic	t
OpSw 28	c=Disable DS54 interrogate commands at power on	t
OpSw 33	c=Allows track power to restore to prior state at power on	c
OpSw 34	c=Allows track to power up to run state, if was run prior to power on	c
OpSw 36*	c=Clear all mobile decoder information & MU information in command station	t
OpSw 39*	c=Return DCS50 to factory option switch settings	t
OpSw 43	c=Disable LocoNet update of command station's track status	t
OpSw 45	c=Disable reply for switch state request	t

NOTE: Do not change any option switches not listed in the table.
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