Digitrax Throttle Specification Sheet

DT402D Duplex Radio Equipped Super Throttle

Compatibility	All LocoNet Systems
Function Control	30 (F0Fwd, F0Rev and F1-F28)
Wireless Operation	With Duplex Radio Receiver (UR92)
Turnout, Stationary Decoder Control	Yes
Turnout Addresses	999
Locomotive Decoder Addresses	9,000
Decoder Programming	Yes, Tethered/Wireless
Screen	Multi Line LCD
Throttle Control	Dual Encoders
2 & 4 Digit Addressing	Yes
Recall Feature	Yes
Transponding Find Feature	Yes
Flashlight	Yes
Fast Clock	Yes
Cab Signaling	Yes

Prod Date	06/25/2009	Discontinued	Current	Replaced By	Current
MSRP	US$250.00			SKU	

Mode Indicator		
Display	**Mode**	**Used For**
Fn	Function	Normal locomotive operation functions available on the keypad
Lo	Loco Selection	Locomotive Address Selection Mode
Mu	MU	Multiple unit (consist) operation set up and break up
Sw	Switch	Accessory decoder control (turnouts, etc.) or option switch control
Pw	Power	Turn track power on and off
SE	Status Edit	Change locomotive speed steps to 14, 28, or 128 as needed
PG	Programming	Paged-Digitrax preferred method
PH	Programming	Physical Register
Pd	Programming	Direct
Po	Programming	Operations Mode (Ops Mode) programming on the mainline
RE	Recall	Recall one of the last 4, 8, or 16 locomotive addresses used
Fd	Find	Find command issued for active loco, results displayed in text area
Ec	Edit clock	Edit the time shown on the fast clock
EF	Edit clock rate	Edit fast clock rate
EA	Edit alarm	Edit the alarm time set for the throttle
Er	Edit routes	Edit routes-shows when your system is running with a DCS100 with routes enabled
E1	Change LocoNet ID	Change LocoNet ID for Infrared or Radio Operation
E?	Other edit modes	Show when your system is running with a LocoNet component that is enabled for additional functionality such as signaling.

DT402 Option Screen	Description	Options (Default in **Bold**)
IR mode	On enables IR mode when disconnected and IR receiver detected on LocoNet	Off **On**
RF1 mode	On enables Simplex radio (For DT402R)	**Off** On
Clicks	On enables clicking when making any keypad or knob changes	**On** Off
Fclock	On enables Fast Clock in center display	**Off**

		On
12HrClock	On selects 12Hr vs 24Hr clock display mode	**On** Off
NoBlstic	Off enables ballstic tracking by proving ratesensitive knop steps so faster turning gives bigger step changes	**Off** On
STimeout	On shortens the amoutn of time before the throttle kicks into Power Save when no changes have taken place	**On** Off
F3Static	On makes F3 key On/Off action	**On** Off
F2 Mom	On makes F2 key momentary action, used for playable whistle where available	**On** Off
F2Analog	On enables optional F2 key pressure-sensitive analog mode	**Off** On
MsgFilter	On stops throttle messages from displaying when selecting locomotives	**On** Off
SLFollow	On enables slot following mode for locomotives selected in multiple throttles	**On** Off
ES->Idle	On freezes all locomotives when Emerg-Stop key pressed. Off stops only locomotive selected in throttle	**Off** On
PWRSaver	On enables Radio?IR mode power save on throttle inactivity	**On** Off
IRRelease	On allows IR/Simplez Radio throttles to release loco addresses when unplugged	**Off** On
DplxBad	On enables white flashlight LED to blink when repeted Duplex radio messages fail	**On** Off
DxRxLPwr	On enables maximum Duplex power saviing, disables continuous update of slot following	**On** Off
NewTypes	On allows throttle to overide command station new-type loco speed step settings	**On** Off
Nu Type=	128 speed step setting 14 speed step setting reserved 28 speed step setting Advanced 128 speed step setting reserved Advanced 28 speed step setting	**128** 14 tR1 28 128A Res 28A
Recall#	Recall stack set at last 4 entries Recall stack set at least 8 entries Recall stack set at last 16 entries	**RC04** RD08 RC16
BackLite	Maximum backlight brightness Maximum backlight brightness-lowest power usage	MAX **2** 1 MIN
RF1 Freq	RF1 channel-info only	**A** B
Throt ID	Optional unique throttle ID#	**427F**
XPFnHold	On allows multiple expanded function keys per X1 or X2 choice	**On** Off

XP Slots	reserved	**On** Off
Duplex RF	On enables RF24 to operate in Duplex mode. Off turns off Duplex choice	**On** Off
FactoryD	**Select on and press enter key to force all options settings to factory defaults**	On **Off**

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