

ELITE Firmware Versions History of changes.

ELITE V1.1 firmware included the following changes over V1.0

1. Correct Emergency Stop so that locos remain stopped when power is recovered.
2. Improvement on reading RailCom communications from Lenz Gold 7.1. Decoder.
3. Adjustment of the trigger level of feedback from locomotives and accessories to improve sensitivity re acknowledgement detection.

ELITE V1.2 firmware included the following changes over V1.1

Completely compliant with NMRA standards and RPs:

- S-9.1 July 2004
 - S-9.2 July 2004
 - RP-9.1.1 July 2003
 - RP-9.1.2 July 2003
 - RP-9.2.1 Aug 2006
 - RP-9.2.2 July 2006
 - RP-9.2.3 July 2003
 - RP-9.2.4 March 1997
 - RP-9.3.1 Jan 2007
 - RP-9.3.2 July 2003
1. Compatible with the PC software, "TrainController Version 5.9" , from Freiwald Software. (XpressNet changes.)
 2. Initial direction for a locomotive controlled is change from Reverse to Forward (Display on LCD is also changed) (Corresponds with SELECT controller.)
 3. Bug fixed in updating the "Speed Display" when the address of locomotive being controlled is changed.
 4. The time for Short Circuit protection in Main Track is lengthened to support Reverse Loop Module and Booster.
 5. Bug fixed in Analogue Mode (Train 0 control.)
 6. Automatic ON/OFF in Railcom detection function.(the menu in Unit-> Railcom is cancelled, the Railcom Detection driver will be automatic turned on in Operation mode reading process, and will be turned off when the reading process is finished.)
 7. Bug fix re Controller 2 switching functions on loco under control of controller 1.

ELITE V1.3 firmware included the following changes over V1.2

MARCH 2008...

1. V1.3 has 2 modes of operation:" Classic" and "Standard", which can be selected by: Unit->Mode. The mode being used will be displayed when Elite is powered up.

2. Standard Mode is NMRA compliant and fully compatible with PC software RailRoad TrainController , and is functionally same as Elite V1.2.
3. Classic Mode is fully compatible with Old Intrain decoder (prior to red dot version 1.21 decoders and Select version 1.1.

	CLASSIC MODE	STANDARD MODE
Compatibility with Select	Fully Support	Have Communication Problem with Select 1.1 in
		Accessory Addressing ,e.g. Selecting Point 61 fires Point 64
		Emergency Stop
Compatibility with PC software RailRoad	Not Fully Support	Fully Support
Old Intrain Decoder (Intrain V1.0,V1.1, 1.2) Reset Problem	Will not trigger this problem	May Trigger this problem
NMRA	NMRA Compatible	NMRA Compliant

ELITE V1.4 firmware included the following changes over V1.3

EARLY 2012...

Version 1.4 comprises a complete rework of the UI. Features include..

1. The ELITE v1.4 supports 29 functions i.e. F0-F28. All functions maybe controlled in either momentary or latching modes. In order to accommodate the extended function set the procedure for accessing functions has now been streamlined
2. Simplified selection of locos in the control stack.
3. Simplified selection of accessory decoder addresses within the control stack. (Intuitive switching of points.)
4. SUPPORT OF DUMMY CAR PROGRAMMING...
5. Programme Loco: Config Menu Improvement...
6. SAPPHIRE DECODER SUPPORT FEATURURES...

Bug fixes..

1. Correct display during REG programme mode the display refers to CV numbers.. (fixed)
2. Scrolling through address values should bypass 0000 in both Loco and Accessory programming?
3. Loco creep after Emergency stop..
4. Issue re switching between long/short addresses..
5. Issue re Selecting Favourites..
6. Config Menu.. CV29 bit1 issue..

7. Long address programming and CV29 re ... bit2 "Power Conversion modes"
8. Boot Failure on start..

ELITE V1.41 firmware included the following changes over V1.4

MARCH 2012...

Only a few minor fixes and changes were required re ELITE version 1.4. In response to user feedback the following changes were introduced with version 1.41.

1. If you press the ACC button then the LOCO button you can swap between control knob 1 and 2 just by turning them. From there on it is no longer needed to first press the control knob to activate a channel.
2. Risk of controller lock up?? .. fixed.
3. Version 1.4 may fail to programme early Hornby decoders i.e. R8215.. now fixed.
4. Version 1.4 may not start up in the correct ELITE mode.. i.e. "Standard" or "Classic" .. now fixed, ELITE will always start in the mode previously set. Now fixed.
5. Now possible to switch between channels with display modes retained for each channel. This facilitates faster function control/access with less button presses.
6. Redundant channel number indication removed when in Accessory control mode.
7. When selecting Accessory for control the display will now show.. "Control"
8. Adr:xxxx where xxxx is the entered Accessory address...
Previously showed "Contr" in reference to the redundant knob/channel number which was removed. The change now infers which Accessory address you now wish to control?

ELITE V1.42 firmware included the following changes over V1.41

March 2015...

4 minor changes..

1. Fixed.. Dummy car programming in DIRECT mode doesn't work.
2. Modification.. Improved compatibility re Bachmann 36-577 decoders.
3. Fixed.. Possible display corruption appears during or after using "Operate Mode" programming.
4. Added.. Compatible with SELECT 1.5 walkabout.

ELITE V1.43 firmware included the following changes over V1.42

December 2016

Change Log.. K.B.Wards 220719

1. XpressNet response fix: When the Elite resumes operation from emergency off, the command station status is now correctly reported. (XpressNet.)
2. Bug fix in TTS decoder CV programming and reading in service mode. Direct Mode read back issues re CV152 on TTS decoders. Now corrected.
3. Quicker response of communication with Walkabout Select controller.
4. Add a new feature: When other hand controllers are controlling the loco which is on Elite screen, the control information on the screen such as speed, direction and functions responds the loco real time control information.

Add a new feature of main track programming for accessory decoder. if accessory decoder supports RailCom, the new feature also supports CV read back in main track

ELITE V1.44 firmware included the following changes over V1.43

April 2017

1. Fixed.. Third function select screen status gets carried over to other display modes on cycling display modes.
2. Fixed.. F11 causes .F5-F8 to disable.
3. Fixed.. ELITE now resets to "Standard" mode on a manual reset.

No other changes.

ELITE V1.45 firmware included the following changes over V1.44

July 2019

Bug fix regarding Sapphire fuel simulation support