

Interface Functionality Chart:

The following chart provides an overview of what you can do with the computer interface of your digital system in conjunction with **TrainController™**. This chart just compares the interfaces of digital systems and those features of the according digital system, that can be accessed through the particular interface and that are being used by **TrainController™**. This chart is no digital system comparison chart. It is also not meant as an aid to determine the 'best' digital system nor as decision guidance for purchase of the 'best' system. There are many other factors, too, that account for the quality and qualification of digital systems. Thus you should read the chart with care and you should not simply count the tick marks in each column. It does, for example, not make any sense to compare full featured digital systems like Lenz with a specialized feedback system like LDT HSI-88 by counting the tick marks. It may also make sense to combine two specialized systems each with limited functionality, that complement one another. This chart should just provide information, which features of **TrainController™** can be used with a particular computer interface plus according digital system and which cannot. The chart describes the particular systems only from the point of view of the usage by **TrainController™**.

This chart is no benchmark test. No responsibility is taken for the correctness and completeness of this information.

	HELMO Inter-10	X		
	LDT HSI-88	X		
	CTI Acela	X	X	
	RCI	X		
	CT Elektronik (TRAN)	X		
	Massoth	X		
	Zimo (from Version 3.0)	X		
	Hornby		X	
	Rautenhaus SLX 852 stand alone	X		
	Rautenhaus SLX 850 with SLX 825 / SLX 852	X		
	Rautenhaus RMX	X		
	Müt Digirail	X		
	Trix Selectrix Interface 66824	X		
	Tams Easy Control	X	X	
	Fleischmann Twin Center	X		
	Uhlenbrock Intellibox	X		
	NCE (binary)	X		
	Digitrax Command Station via Loconet	X	X	
	Roco 10785 with Multimaus	X		
	Roco 10785 with Lokmaus	X		
	Roco 10832		X	
	ESU ECoS			X
	Märklin Central Station 2			X
	Märklin Central Station 1			X
	Lenz LI USB		X	
	Lenz LI 100(F) / LI101F	X		
	Märklin 6050 / 6051 / 6023	X		
General				
		Connects to a serial port		
		Connects to a USB port		
		Connects via Ethernet		

Locomotive Control				Can control digital locomotives with on-board decoders		Can control locomotives with stationary block decoders (especially made for this purpose)		Can control the absolute direction of each loco		Can report back the speed of running trains on request (X) or automatically/as event (XX)	
	HELMO Inter-10										
	LDT HSI-88										
	CTI Acela					X		X			
	RCI					X		X			
	CT Elektronik (TRAN)			X				X		X	
	Massoth			X				X		XX	
	Zimo (from Version 3.0)			X				X		XX	
	Hornby			X				X		XX	
	Rautenhaus SLX 852 stand alone										
	Rautenhaus SLX 850 with SLX 825 / SLX 852			X				X		XX	
	Rautenhaus RMX			X				X		XX	
	Müt Digirail			X				X		XX	
	Trix Selectrix Interface 66824			X				X		X	
	Tams Easy Control			X				X		XX	
	Fleischmann Twin Center			X				X		XX	
	Uhlenbrock Intellibox			X				X		XX	
	NCE (binary)			X				X			
	Digitrax Command Station via Loconet			X				X		XX	
	Roco 10785 with Multimaus			X				X		XX	
	Roco 10785 with Lokmaus			X				X		X	
	Roco 10832			X				X		XX	
	ESU ECoS			X				X		XX	
	Märklin Central Station 2			X				X		XX	
	Märklin Central Station 1			X				X		XX	
	Lenz LI USB			X				X		X	
	Lenz LI 100(F) / LI101F			X				X		X	
	Märklin 6050 / 6051 / 6023			X							

Locomotive Control (cont.)																											
	Märklin 6050 / 6051 / 6023	Lenz LI 100(F) / LI101F	Lenz LI USB	Märklin Central Station 1	Märklin Central Station 2	ESU ECOS	Roco 10832	Roco 10785 with Lokmaus	Roco 10785 with Multimaus	Digitrax Command Station via LocoNet	NCE (binary)	Uhlenbrock Intellibox	Fleischmann Twin Center	Tams Easy Control	Trix Selectrix Interface 66824	Mitt Digirail	Rautenhaus RMX	Rautenhaus SLX 852 / SLX 852	Rautenhaus SLX 852 stand alone	Hornby	Zimo (from Version 3.0)	Massoth	CT Elektronik (TRAN)	RCI	CTI Acela	LDT HSI-88	HELMO Inter-10
Supports automatic pass of manual loco control between the on-screen computer throttle/+SmartHand™ and the throttle of the digital system				X	X	X	X		X	X		X	X	X		X	X	X	X	X	X						
Exact speed control for distant stop markers and virtual contacts - insufficient (0) - limited (X) - optimal (XX)	X	XX	XX	XX	XX	XX	XX	X	XX	XX	XX	X (MM) XX (DCC)	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	X	X		
Can report back status changes of loco functions on request (X) or automatically/as event (XX)		X	X	XX	XX	XX	XX			XX		XX	XX	XX	X	XX	XX	XX		XX	XX	XX	X				

Access to Loco database in Central Unit																												
	HELMO Inter-10	LDT HSI-88	CTI Acela	RCI	CT Elektronik (TRAN)	Massoth	Zimo (from Version 3.0)	Hornby	Rautenhaus SLX 852 stand alone	Rautenhaus SLX 850 with SLX 825 / SLX 852	Rautenhaus RMX	Müt Digirail	Trix Selectrix Interface 66824	Tams Easy Control	Fleischmann Twin Center	Uhlenbrock Intellibox	NCE (binary)	Digitrax Command Station via Loconet	Roco 10785 with Multimaus	Roco 10785 with Lokmaus	Roco 10832	ESU ECoS	Märklin Central Station 2	Märklin Central Station 1	Lenz LI USB	Lenz LI 100(F) / LI101F	Märklin 6050 / 6051 / 6023	
Creation of new train records										X			X	X					X			X	X	X				
Change of existing train records										X			X	X					X			X	X					
Deletion of existing train records										X			X	X					X			X	X					
Reading of existing records and creation of train objects on the computer										X			X	X					X			X	X	X				

	HELMO Inter-10		
	LDT HSI-88		
	CTI Acela	X	
	RCI	X	
	CT Elektronik (TRAN)	X	XX
	Massoth	X	XX
	Zimo (from Version 3.0)	X	
	Hornby	X	
	Rautenhaus SLX 852 stand alone	X	XX
	Rautenhaus SLX 850 with SLX 825 / SLX 852	X	XX
	Rautenhaus RMX	X	XX
	Müt Digirail	X	XX
	Trix Selectrix Interface 66824	X	X
	Tams Easy Control	X	XX
	Fleischmann Twin Center	X	XX
	Uhlenbrock Intellibox	X	XX
	NCE (binary)	X	
	Digitrax Command Station via Loconet	X	XX
	Roco 10785 with Multimaus	X	XX
	Roco 10785 with Lokmaus	X	X
	Roco 10832	X	XX
	ESU ECoS	X	XX
	Märklin Central Station 2	X	XX
	Märklin Central Station 1	X	XX
	Lenz LI USB	X	XX
	Lenz LI 100(F) / LI101F	X	XX
	Märklin 6050 / 6051 / 6023	X	
Accessory Control			
		Can control turnouts, signals and other accessories	Can report back status changes of accessories on request (X) or automatically/as event (XX)

Feedback Control	HELMO Inter-10		X
	LDT HSI-88	XX	X
	CTI Acela	X	
	RCI	X	
	CT Elektronik (TRAN)		
	Massoth	XX	
	Zimo (from Version 3.0)	XX	X
	Hornby		
	Rautenhaus SLX 852 stand alone	XX	
	Rautenhaus SLX 850 with SLX 825 / SLX 852	XX	
	Rautenhaus RMX	XX	
	Müt Digirail	XX	X
	Trix Selectrix Interface 66824	X	X
	Tams Easy Control	XX	
	Fleischmann Twin Center	XX	
	Uhlenbrock Intellibox	XX	
	NCE (binary)	X	
	Digitrax Command Station via LocoNet	XX	X
	Roco 10785 with Multimaus	XX	
	Roco 10785 with Lokmaus	XX	
Roco 10832	XX		
ESU ECoS	XX		
Märklin Central Station 2	X		
Märklin Central Station 1	XX		
Lenz LI USB	XX		
Lenz LI 100(F) / LI101F	XX		
Märklin 6050 / 6051 / 6023	X		
Reports back status changes of feedback sensors on request (X) or automatically/as event (XX)			
Supports train detection			

¹⁾ currently not supported. Data provided for informational purposes only.