

# DR5052

## Compatibility list

## Control stations

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# Which control stations are compatible with the DR5052 and which functions are supported?

Here is a brief description of which control unit can be connected to the DR5052 and how and which functions are possible. Please note that not every central unit can evaluate and control all functions even if Loconet® is present.

central	Connection Possibilities Central	protocol	special attributes
 DR5000			
	LocoNet® and Track Input	DCC	<b>No restrictions</b> , all feedback from the DR5052 is reported to the control centre via LocoNet® (Railcom®, stage occupancy message, emergency stop, etc.).
Roco®/Fleischmann® Z 21®			
	LocoNet® and Track Input	only DCC	<b>No restrictions</b> , all feedback from the DR5052 is reported to the control centre via LocoNet® (Railcom®, stage occupancy message, emergency stop, etc.).
Roco®/Fleischmann® z21®/z21®Start			
	Track Input	only DCC	With the <b>z21®/z21®Start</b> , the DR5052 <b>can only be controlled via magnetic article commands</b> and the track input. A stage occupancy signal must be realized via an external feedback device (e.g. DR4088RB-CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.
Roco®/Fleischmann® 10764 Multimaus			
	Track Input	only DCC	The DR5052 can <b>only be controlled via magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback device. All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.

central	Connection Possibilities Central	protocol	special attributes
PIKO® SmartController® light			
	Track Input	only DCC	<p>The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. <b><u>Connection and control via LocoNet® is not possible! The DR5052 can only be used in the Basic version!</u></b></p> <p>A stage occupancy signal must be realised via an external feedback unit. All functions that are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are <b>not</b> available.</p>
PIKO® SmartControl® and Lok-Netz Converter			
	LocoNet® and Track Input	only DCC	<p>The DR5052 is controlled via Tack Input and Loconet®. The messages for stage occupied and stage turning are transmitted to the central unit via Loconet®. However, the Railcom® address message cannot be evaluated via the stage track because this function is <b><u>not implemented in the central unit/converter.</u></b></p> <p>If no <b>Lok-Netz Converter</b> is used, the control can only be carried out via track input and magnetic article commands. A stage occupancy signal must be implemented via an external feedback unit (e.g. DR4088LN-CS). All functions that are reported via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available.</p>
ESU® ECoS® all and L.Net converter			
	LocoNet® and Track Input	only DCC	<p>The DR5052 is controlled via Tack Input and Loconet®. The messages for stage occupied and stage turning are transmitted to the central unit via Loconet®. The Railcom® <b>address message via the stage track is not evaluated</b> because this function is not implemented in the central/converter. The <b>internal turntable control</b> of the central unit <b>cannot</b> be used because it only works with the <b>Motorola®</b> format. Only magnetic article addresses can be used for control!</p> <p>If no <b>LNet converter</b> is used, the control can only be done via track input and <b>magnetic article commands</b>. A stage occupancy signal must be realized via an external feedback (e.g. DR4088LN-CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are <b>not available</b>.</p>

central	Connection Possibilities Central	protocol	special attributes
Uhlenbrock® Intellibox® all			
	Track Input	only DCC	<p>The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. <b><u>Connection and control via LocoNet® is not possible! The DR5052 can only be used in the Basic version!</u></b></p> <p>A stage occupancy signal must be realised via an external feedback unit (e.g. DR4088LN-CS). All functions that are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are <b>not</b> available.</p>
Uhlenbrock® Digital Set DAISY I® and DAISY II®			
	Track Input	only DCC	<p>The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. <b><u>Connection and control via LocoNet® is not possible! The DR5052 can only be used in the Basic version!</u></b></p> <p>A stage occupancy signal must be realised via an external feedback unit. All functions that are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are <b>not</b> available.</p>
Digitrax® all			
	Track Input	only DCC	<p>The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. <b><u>Connection and control via LocoNet® is not possible! The DR5052 can only be used in the Basic version!</u></b></p> <p>A stage occupancy signal must be realised via an external feedback unit (e.g. DR4088LN-CS). All functions that are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are <b>not</b> available.</p>
Märklin® CS 1,2,3			
	Track Input	only DCC	<p>The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback unit (e.g. DR4088CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.</p>

central	Connection Possibilities Central	protocol	special attributes
<b>Märklin® / Trix® Mobile Station</b>			
	Track Input	only DCC	The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback unit (e.g. DR4088CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.
<b>Tams® RedBox®</b>			
	Track Input	only DCC	The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback unit (e.g. DR4088CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.
<b>Lenz® all</b>			
	Track Input	only DCC	The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback unit (e.g. DR4088RB-CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.
<b>Viessmann® Commander</b>			
	Track Input	only DCC	The DR5052 can <b>only</b> be controlled via <b>magnetic article commands</b> and track input. A stage occupancy signal must be realized via an external feedback unit (e.g. DR4088CS). All functions which are signaled via LocoNet® (Railcom®, stage turns/stands, emergency stop etc.) are not available because the central unit does not support LocoNet®.