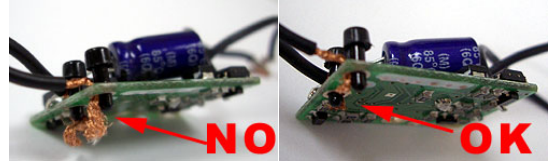




## FAQ. FREQUENTLY ASKED QUESTIONS ABOUT N-DIGITAL

### **Warning:**

In order to avoid irreversible damage to the N-Digital Chips, cut away excess cable once the cable have been inserted and fixed. Any contact between cable excess and sensitive parts of the chip will cause the chip to fail irreversibly.



### **Can analogue tracks and cars be used with N-Digital?**

Yes, N-Digital is compatible with the whole range of analogue cars and track, with the Digital Kit any track can be digitalized providing the track is in good working condition. Any car, thanks to the N-Digital chip can be used with the N-Digital system.

### **How many cars can run at any one time on the track?**

On a 2 lane track, N-Digital allows up to 8 cars on the track at any one time.

### **What are new exclusive track pieces of N-Digital for?**

The lane changers allow you to overtake your rival, to choose the most appropriate racing line and to access the pit lane, the console converts the analogue track into a digital one. It identifies the cars and has up to 7 different race modes with different levels of driving.

### **Can you build a digital track with off-road and show track?**

Yes, N-Digital is 100% compatible with all Ninco track on any of the 3 surfaces.

### **How do you change lane to overtake?**

Press the button on the back of the controller whilst the car goes over the 'dead' piece of track just before the lane changer.

### **Will a chipped car run on an analogue track?**

In order for the chipped car to work on the analogue track, the chip must be disconnected from the guide, reconnect the cables from the motor directly to the guide, there is no need to remove the chip.

### **How many race mode does the N-Digital console have?**

There are 7 race modes, some are timed other are based on n° of laps, there are group and individual modes.

### **Is there any special peculiarity to setting up the N-Digital track?**

Yes, you must always respect the direction of flow of traffic; this is indicated by the arrow on the console. Lane changers only have 1 correct position, the analogue connection straight must be removed and the roundabout kit 4 cannot be used. Up to 4 cars will run with 1 x transformer, for more cars you will need 2 x transformers.

### **In the Amateur mode the cars goes as fast as in the Professional mode.**

Yes, the difference in the delivery of power to the vehicle from the controller. The pro mode is brusquer whereas in amateur mode, power delivery is much smother. However with full throttle, top speed is the same.



## N-DIGITAL TROUBLESHOOTING

**Note:** NINCO N>Digital is compatible with any brand of slot car 1:32 scale or 1:24. However, Ninco only guarantees the correct working of the system with material of the same brand. Ninco is not liable for any consequences resulting from the use of products made by other manufacturers, be they cars, track pieces or other accessories.

TRACK SYMPTOM	PROBLEM	SOLUTION	CHECKING
Console not working	Power connection	Check the power source to the console	The word 'CAR' appears on the console's screen
	Wrong transformer	Use only the transformer supplied by Ninco with the N>Digital symbol	The word 'CAR' appears on the console's screen

To detect problems with the console, connect the console to the power source with no track pieces or controllers, if the word 'CAR' appears on the console's screen, there is nothing wrong with the console.

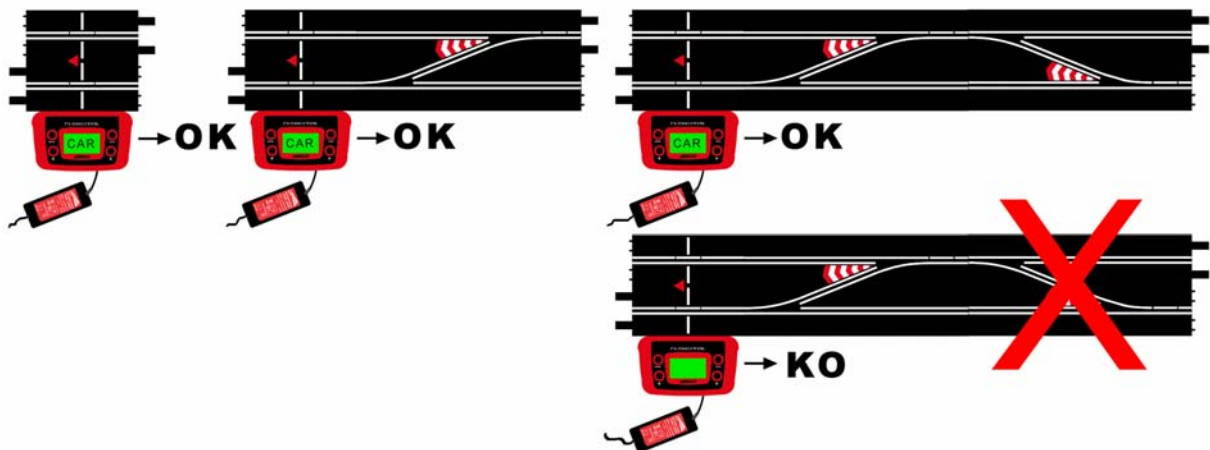
CAR SYMPTOM	PROBLEM	SOLUTION	CHECKING
Car not working	Braids in bad state	Clean the braids and check that they are long enough to reach the track.	With the braids in contact with the track, lift the rear wheels and apply throttle.
	Car positioned over the 'dead' piece of track	Place the car on any other part of the track	Accelerate and check the car works.
	Bad connection between chip and guide.	Disconnect cables from the chip and change the over.	Accelerate and check the car works
	Cables touching in the connection between motor and chip.	Cut away the left over cable or separate them	Accelerate and check the car works
Cars goes backwards	Bad connection in cables between motor and chip	Change the order of cables to the chip from the motor	Accelerate and check the car works
The cars goes as fast in Pro mode as in Amateur	A batch of consoles confuses amateur mode and professional mode	Choose amateur for aggressive driving and professional for smoother drivint.	Check the difference and choose the best one for you.
	A batch of consoles does not consolidate the Amateur mode when chosen.	After choosing amateur mode, upon going to 'select race with 'car with lights' MAKE THE FOLLOWING MODIFICATION <ul style="list-style-type: none"> <li>(OFF=&gt;ON=&gt;OFF) For race without lights</li> <li>(OFF=&gt;ON) for race with lights,</li> </ul> this will make sure the amateur mode has been selected.	Check the difference in driving between 'Amateur': smoother driving and Professional, more aggressive.

Do all checks with the controller inserted in port n°1, as Standard default setting for chip is this position. If it still doesn't work: try with another chip in the same car to eliminate the chip. Similarly, try this chip in another car to see if the car is the problem.



CONTROLLER SYMPTOM	PROBLEM	SOLUTION	CHECKING
Car will not change lane	Lane change piece connected the wrong way around	Change the direction of the track piece (follow the direction of the arrow marked on the track piece)	Take the care and pass it through the lane changer manually pressing the button on the back of the controller, the change over needle should activate.
	Pressing the lane changer button when the car is not in the right place.	The lane changer will only activate when the button is held pressed as the car passes over the 'dead' piece of track.	Take the care and pass it through the lane changer manually pressing the button on the back of the controller, the change over needle should activate.
Controller not working	Pulling the trigger the car does not respond	Try with another controller in the same port.	Try with another controller in the same port. Car should respond.
Irregular response in certain parts of the circuit.	Track in bad condition or badly connected	Clean or substitute the defective pieces and check the connections between pieces.	Car drives well around entire track.

If all track pieces are correctly positioned, it's necessary to check the work individually: Connect the console to the power supply and check the word Car appears, add a lane changer to the console and check the console is still turned on. Add another lane changer and check that all 3 pieces receive power. If this is the case, all the key digital track accessories are in working condition.



Cars and controllers can be checked with this sequence without having to build up the entire circuit.

If you have managed to detect your problem with this help, contact the point of sale to replace defective material. If you have not been able to solve it, contact MRC's customer service dept at [support@modelrectifier.com](mailto:support@modelrectifier.com).

**WARNING: ALL DIGITAL COMPONENTS INCLUDING THE LANE CHANGE TRACK PIECES MUST BE REMOVED FROM THE RACE TRACK IF YOU WISH TO USE THE TRACK FOR ANALOG (NON-DIGITAL) RACING.**