

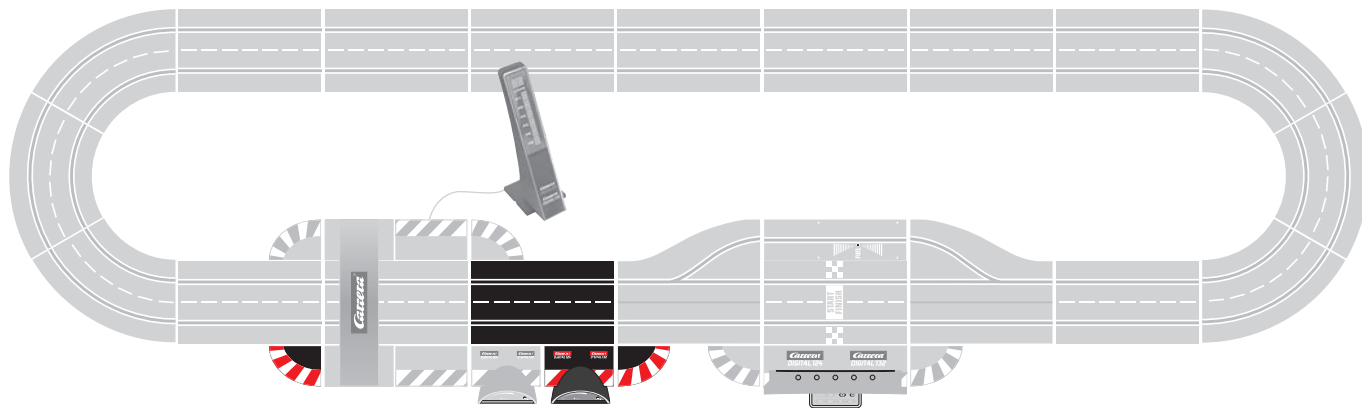
**Carrera**<sup>®</sup>  
**DIGITAL 124**

**Carrera**<sup>®</sup>  
**DIGITAL 132**

## 20030353 DRIVER DISPLAY

- |                      |   |               |  |
|----------------------|---|---------------|--|
| <b>D</b>             | Montage- und Betriebsanleitung              | <b>SK</b>     | Návod na montáž a pre prevádzku        |
| <b>GB</b> <b>USA</b> | Assembly and instructions                   | <b>CZ</b>     | Návod na montáž a pro provoz           |
| <b>F</b>             | Instructions de montage et d'utilisation    | <b>BG</b>     | Ръководство за монтаж и експлоатация   |
| <b>E</b>             | Instrucciones de uso y montaje              | <b>GR</b>     | Μοντάζ και Οδηγία χρήσης               |
| <b>P</b>             | Instruções de montagem e modo de utilização | <b>RO</b>     | Instrucțiuni de montaj și de utilizare |
| <b>I</b>             | Istruzioni per il montaggio e l'uso         | <b>DK</b>     | Monterings- og driftsvejledning        |
| <b>NL</b>            | Montage- en gebruiksaanwijzing              | <b>RC</b>     | 安裝和使用說明                                |
| <b>S</b>             | Monterings- och bruksanvisning              | <b>J</b>      | 取扱説明書                                  |
| <b>FIN</b>           | Asennus- ja käyttöohjeet                    | <b>ROK</b>    | 조립과 작동 방법                              |
| <b>N</b>             | Montajse- og bruksanvisning                 | <b>Arabic</b> | إرشادات التركيب و الأستخدام            |
| <b>H</b>             | Ősszeszerelési és használati útmutató       | <b>TR</b>     | Montaj ve işletme kılavuzu             |
| <b>PL</b>            | Instrukcja obsługi i montażu                | <b>RUS</b>    | Инструкция по монтажу и эксплуатации   |

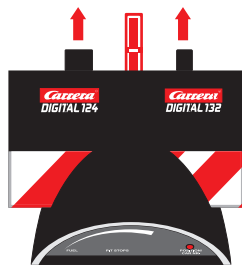
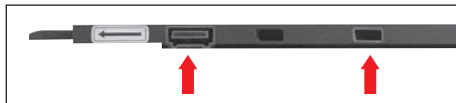
Aufbauvorschlag · Assembly proposal · Suggestion de montage · Propuesta de montaje  
Sugestão de montagem · Suggestimento per il montaggio · Opbouwvoorstel · Monteringsförslag  
Kokoamishdotus · Oppbyggningsforslag · Felépítési javaslat · Propozycja montażu  
Návrh postavenia · Návrh na uspořádání · Предложение за монтаж · Πρόταση σύνδεσης  
Propunere de asamblare · Oppbyggningsforslag · 建造指南 · 組立方法 · 조립방법  
إرشادات البناء والتركيب · Kurma önerisi · Предложение по монтажу



<b>Montage- und Betriebsanleitung</b> · Technische und designbedingte Änderungen vorbehalten .....	4
<b>Assembly and instructions</b> · Subject to technical and design-related changes .....	8
<b>Instructions de montage et d'utilisation</b> · Sous réserve de modifications techniques ou de design .....	12
<b>Instrucciones de uso y montaje</b> · Se reserva el derecho de efectuar modificaciones técnicas y relacionadas con el diseño .....	16
<b>Instruções de montagem e modo de utilização</b> · Reservados os direitos de alterações técnicas e no design .....	20
<b>Istruzioni per il montaggio e l'uso</b> · Con riserva di modifiche tecniche e di design .....	24
<b>Montage- en gebruiksaanwijzing</b> · Technische en designgeboden afwijkingen voorbehouden .....	28
<b>Monterings- och bruksanvisning</b> · Med reservation för tekniska och designrelaterade ändringar .....	32
<b>Asennus- ja käyttöohjeet</b> · Oikeus tekniikan ja muotoilun aiheuttamiin muutoksiin pidätetään .....	36
<b>Montajse- og bruksanvisning</b> · Det tas forbehold om endringer i teknikk og design .....	40
<b>Ősszeszerelési és használati útmutató</b> · Műszaki és konstrukciós változások előfordulhatnak .....	44
<b>Instrukcja obsługi i montażu</b> · Zastrzegamy sobie możliwość zmian .....	48
<b>Návod na montáž a pre prevádzku</b> · Technické zmeny a zmeny podmienené dizajnom sú vyhradené .....	52
<b>Návod na montáž a pro provoz</b> · Technické změny a změny podmíněné designem jsou vyhrazeny .....	56
<b>Ръководство за монтаж и експлоатация</b> · Запазваме си правото на технически промени и промени, наложени от дизайна .....	60
<b>Μοντάξ και Οδηγία χρήσης</b> · Επιφύλαξη τεχνικών - σχεδιαστικών τροποποιήσ .....	64
<b>Instrucțiuni de montaj și de utilizare</b> · Sub rezerva modificărilor tehnice și de design .....	68
<b>Monterings- og driftsvejledning</b> · Tekniske og designmæssige ændringer forbeholdes .....	72
<b>安装和使用说明</b> · 保留因技术和外观设计需要进行更改的权利 .....	76
<b>取扱説明書取扱説明書の内容は予</b> · 技術・設計上、変更される場合があります。あらかじめご了承ください .....	80
<b>조립과 작동 방법</b> · 기술과 디자인상 변동 소지 있음 .....	84
<b>إرشادات التركيب و الأستخدام</b> · يبقى حق التغييرات التقنية والتصميمية محفوظا .....	88
<b>Montaj ve işletme kılavuzu</b> · Teknik ve dizayna bağlı deęişiklikler mahfuz tutulur .....	92
<b>Инструкция по монтажу и эксплуатации</b> · Возможны технические и обусловленные дизайном изменения .....	96

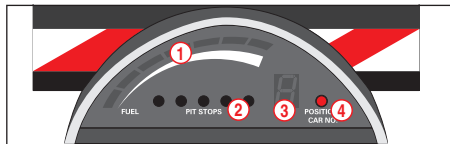


## Assembly instructions



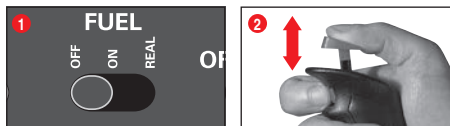
The Driver Display is connected to the Adapter Unit on one side; this can be positioned at any place within the track layout.

## Displays



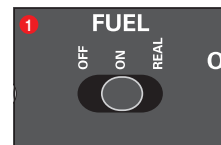
- ① LED-bar display for showing tank filling level or engine speed
- ② 5 yellow LEDs to display a maximum of 10 refuellings
- ③ One-digit LED segment display for car's address and race position
- ④ Control button

## Speed/rotation Speed indicator



With the refuelling function at the Control Unit being switched off, fig. ①, or using the Pit Stop Lane 20030346, the Driver Display serves as rotation speed indicator. This mode is indicated by lighting of the middle yellow LED ②. Depending on the position of the speed controller's tappet, fig. ②, the engine speed is shown via the LED-bar display ①. The LED segment display ③ shows the respective race position.

## Fuel tank gauge



With the refuelling function at the Control Unit being switched on, fig. ①, the Driver Display provides information on the tank filling level ① and the number of refuellings ② in combination with the Pit Lane. Flashing or lighting of the five yellow LEDs ② indicate a maximum of 10 refuellings. (Each LED counts two refuellings). The LED-bar display ① shows the real tank filling level.

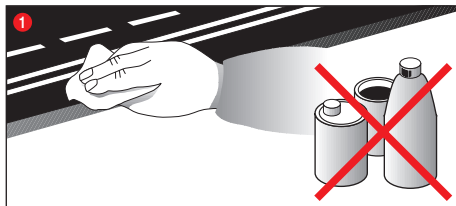
For programming the tank fuel capacity please read the manual of the Control Unit (20030352).

## Setting of car address



While the car address is displayed, in addition a dot will turn up in the segment display bottom right, fig. 1. Switch on the Control Unit, fig. 2; the up-to-date car address 3 will be indicated for approx. 3 seconds. By pushing the control button 4 the car address can be changed to another address. Push the button 4 as many times till the desired address 3 will be shown. After 3 seconds the segment display 3 will change to the race position again.

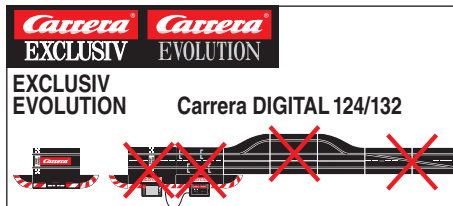
## Maintenance and care



To ensure a proper operation of the motor-racing circuit, all race-track components should be regularly cleaned. Pull the plug prior to cleaning.

**1 Racetrack:** Keep the track surface and track slots clean with a dry cloth. Do not use any solvents or chemicals for cleaning. When it is not in use, store the racetrack in a clean and dust-protected location, preferably in the original cardboard box.

## Important information



Please note that Exclusiv/Evolution (analog system) and Carrera DIGITAL 124/132 (digital system) involve two separate and completely independent systems. We hereby expressly indicate that both systems must be kept separate when setting up the track, i.e. no connecting rail from Exclusiv/Evolution may be used together with the connecting rail and Black Box of the Carrera DIGITAL 124/132, even if only one of the two connecting rails (Exclusiv/Evolution connecting rail or Carrera DIGITAL 124/132 connecting rail and Black Box) is attached to the current supply. Furthermore, no other Carrera DIGITAL 124/132 components (switches, electronic lap counter, pit stop) may be built into an Exclusiv/Evolution course, i.e. via analog operation.

Non-compliance with the above information may result in damage or destruction of the respective Carrera DIGITAL 124/132 components. In this case no warranty may be claimed.

## Troubleshooting Driving tips

### Troubleshooting:

In case of any malfunctions, please check the following:

- Has the connection to the power supply been established correctly?
- Have transformer and speed controllers been connected correctly?
- Are the track connections faultless?
- Are the racetrack and track slots clean and free of any foreign objects?
- Are the sliding contacts in order and do they make contact with the track slot?
- Are the cars correctly coded to the according speed controller?
- The track's current feed will be switched off automatically for 5 seconds, if there is an electrical short circuit: this will be notified by audible and visual signals.
- Are the cars placed on the track in running direction? In case of non-functioning push the running direction switch which is on the car's bottom.

### Note:

During operation small car parts as spoilers or mirrors may get off or brake due to being original detailed parts of the car model. To avoid this it is possible to remove them before operation.

### Driving technique:

- You can drive fast along the straight track but you should brake before the curve and then accelerate again when coming out of the curve.
- Do not fasten or block the vehicles when the motor is running: overheating or damage to the motor could result otherwise.

**Note:** When using track systems which are not manufactured by Carrera the existing guide keel has to be replaced by the special guide keel (#20085309). While using the Carrera crossing (#20020587) or high banked curve 1/30° (#20020574) slight driving noise might occur which is due to the full-scale genuineness and does not affect flawless operation.

All Carrera spare parts are available in the webshop:  
[carrera-toys.com](http://carrera-toys.com)

Delivery exclusively to Germany, Austria, Netherlands, Belgium and Luxembourg.

## Technical specifications

### Output voltage: Toy transformer



18 V  $\text{---}$  54 VA (Carrera DIGITAL 124)  
14,8 V  $\text{---}$  51,8 VA (Carrera DIGITAL 132)

#### Electricity modes:

- 1.) Operating mode = cars are operated via speed controllers
- 2.) Idle mode = speed controllers not activated, no game
- 3.) Stand-by mode = after approx. 20 minutes idle mode the connecting section switches to stand-by mode. LED flashes at long intervals. **CURRENT CONSUMPTION < 0,5 watt / 0,5w**  
By operating the speed controller the stand-by mode is finished, the racetrack returns to idle-mode again.
- 4.) Off-state = power supply unit disconnected from mains supply



This device is marked by "selective sort through" symbol related to sort through domestic, electric and electronic, waste. This means the product must be treated by a specialized "sorting/collecting" system in accordance with European directive 2002/96/EC, to reduce the impact upon environment. For more precise information, please contact your local administration. Electronical product which are not going through special collecting, are potentially dangerous for environment and human health, because of dangerous substance.

### Output voltage: Toy transformer



18 V  $\text{---}$  54 VA (Carrera DIGITAL 124)  
14,8 V  $\text{---}$  51,8 VA (Carrera DIGITAL 132)

#### Electricity modes:

- 1.) Operating mode = cars are operated via speed controllers
- 2.) Idle mode = speed controllers not activated, no game
- 3.) Stand-by mode = after approx. 20 minutes idle mode the connecting section switches to stand-by mode. LED flashes at long intervals. **CURRENT CONSUMPTION < 0,5 watt / 0,5w**  
By operating the speed controller the stand-by mode is finished, the racetrack returns to idle-mode again.
- 4.) Off-state = power supply unit disconnected from mains supply



Conforms to the safety requirements  
of ASTM F963.





Stadlbauer Marketing + Vertrieb GmbH · Rennbahn Allee 1 · 5412 Puch / Salzburg · Austria

*[carrera-toys.com](http://carrera-toys.com) · [carreraclub.com](http://carreraclub.com)*