



Excalibur Electronics

Mercedes 1:12



Operating Manual

Model No. 904S (Silver)
904BK(Black)

Congratulations on your purchase of Excalibur Electronics' radio-controlled Mercedes 1:12 Scale car. This full-function model has turbo power to give you the fastest possible speed when you want it. Other features include super suspensions, a recharging jack (optional), air-filled rubber tires, telescopic antenna, front-wheel steering trimmer and a fully detailed interior. You can go forward, reverse, turn left or right, stop and go backwards—either to the left or right!



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could. The radio-controlled Mercedes 1:12 Scale car is another unmatched innovation of Excalibur Electronics.

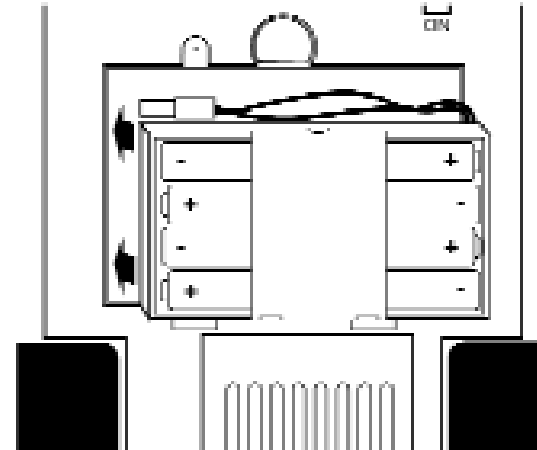
We make you think.

BATTERY INSTALLATION:

Make sure that the ON—OFF Power Switches on both the car and the transmitter are set to “OFF” before installing any batteries.

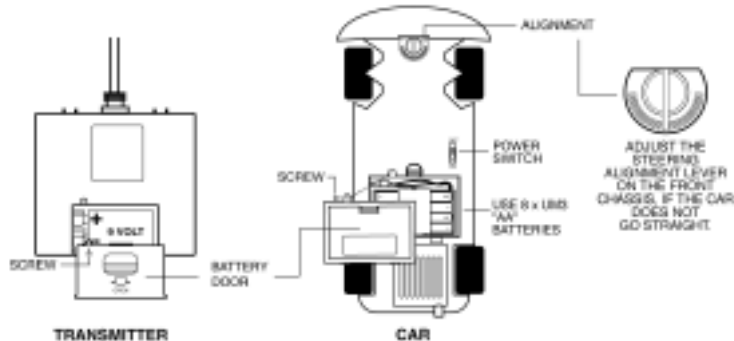
CAR BATTERY INSTALLATION:

Find the battery compartment on the bottom of the car. Use a small Phillips screwdriver to remove the screw. Turn the white wheel in front of the battery compartment until the compartment is no longer covered by the wheel and then lift off the cover. (See diagram below.) Install eight AA nickel-metal hydride batteries (not included) in the battery box, making sure to match polarity (+ and -) with the diagram inside the battery compartment. Make sure that the battery box is correctly placed in the compartment. Then replace the cover and turn the white wheel until the battery compartment is secure. Replace the screw and tighten gently.



REMOTE CONTROL TRANSMITTER BATTERY INSTALLATION:

Find the battery compartment on the back of the unit. Use a small Phillips screwdriver to remove the screw. (See diagram below, left.) Remove the battery cover by sliding the latch in the direction of the arrow. (See diagram at left, below.) Install one 9V battery (not included) in the compartment, making sure to match polarity (+ and -) with the diagram inside the battery compartment. Replace the battery cover. Then replace the screw and tighten gently. (See also Battery Information on pages 8 and 10.)



Note: Replace batteries when your car moves too slowly or stops mov-

SAFETY GUIDES AND HINTS:

- Never operate your car in the street, in water, sand or on thick carpet. Rain can cause rust to be formed inside the unit.
- For maximum battery life, stop racing your car after 15 minutes of continuous use. We recommend a rest period of approximately 30 minutes.
- If you have installed new batteries and the car still moves slowly or not at all, check the wheels for lint, threads, hair,

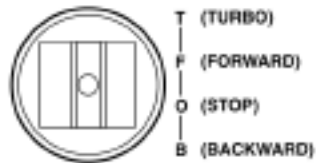
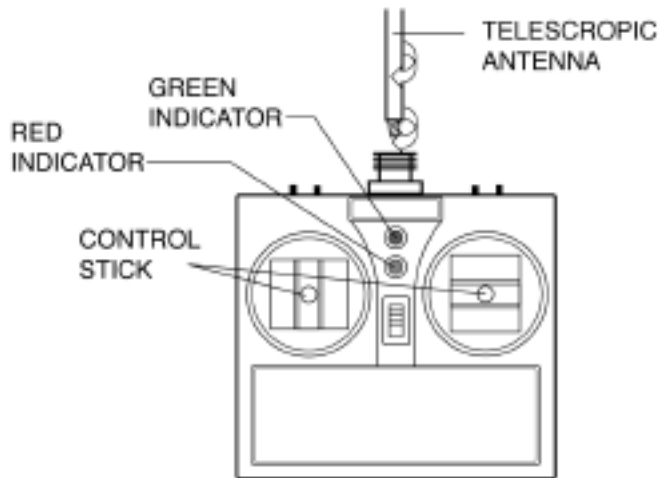
dust or other foreign materials. Carefully remove any of these materials from the wheels.

- When the car slows down or the control range decreases, insert new batteries.
- Please do not allow the car to fall off a high ledge, as a fall might damage it.
- Never disassemble your car or the transmitter.
- Do not store the car either near a source of heat or in direct sunlight for extended periods.
- You may experience interference from CB radios which use the same frequency. If this occurs, move to a new location or wait until the interference is over. Also, two or more R/C cars using the same frequency cannot operate in the same area since their signal will interfere with each other.
- The transmitter range will depend on surroundings, buildings and large metal objects. You will obtain the best results when you operate the car in an open area.
- When not in use, set the car and transmitter Power Switches to “OFF.” If you do not intend to use the car for a long time, remove the batteries, as weak or dead batteries can leak damaging chemicals.

OPERATION:

Extend the telescopic antenna of the controller to full length for best performance. For maximum range of control, always keep both antennae straight up.

Set the car and transmitter Power Switches to “ON.” The controller is shown by the Red Indicator. The car is ready for use. Use the transmitter’s control levers to steer the car.



LEFT CONTROL LEVER

- Push all the way forward to obtain TURBO speed. The GREEN INDICATOR will then turn on.



RIGHT CONTROL LEVER

- Push left to turn left
- Push right to turn right
- Release to go straight

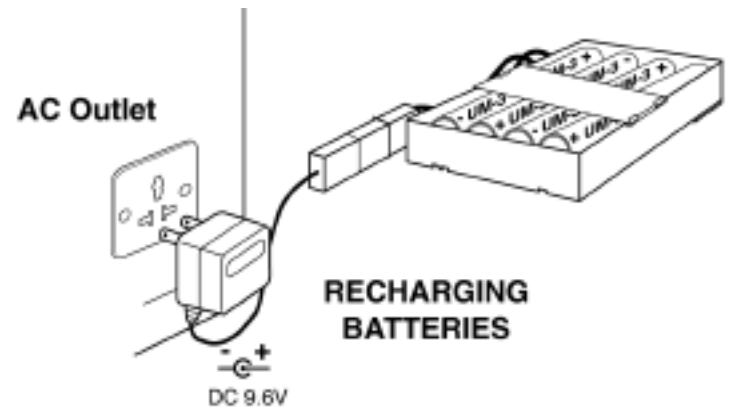
Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

CHARGING THE NICKEL-METAL HYDRIDE BATTERIES WITH OPTIONAL CHARGER:

To order the optional charger, see page 9. When the car starts moving slowly or quits moving, it's time to recharge the nickel-metal hydride batteries. To recharge the batteries, you will need a battery charger (not included).

CHARGING PROCEDURE:

Insert the charger's barrel plug into the battery box charging jack, and then plug the charger's other end into a standard AC outlet.



CAUTION:

- Charge only nickel-metal hydride batteries. Recharging any other batteries could cause serious damage and possibly an explosion.
- Do not use the battery charger in wet or hot areas.
- Use the charger in areas where there is a free flow of air.
- Do not charge the battery pack immediately after use. Allow it to cool first.
- Never mix alkaline and nickel-metal hydride batteries.
- Make sure to match polarity (+ and -) with the diagram inside the battery compartment.
- Charging time will depend on the type of batteries used. You MUST read the instructions written on the batteries carefully before recharging them to avoid any harmful results.
- Excessive recharging can possibly damage the batteries and may be dangerous.
- Make sure the battery box is properly installed and connected.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed before being charged.
- Rechargeable batteries are only to be recharged under adult supervision.
- Remove all exhausted batteries from the car and transmitter and replace with fresh batteries.
- The supply terminals are not to be short-circuited.
- The toy is not to be connected to more than the recommended number of power supplies.
- Please keep the packaging since it contains important information. (See also Battery Information on pages 4 and 10.)

Excalibur Radio Control Accessory Order Form

QTY.	DESCRIPTION	UNIT PRICE	AMOUNT
	Recharging Kit includes 8-cell NiMH rechargeable battery, AC charger and case	\$24.95	
	8-cell NiMH rechargeable battery	12.95	
	Shipping and Handling		4.95
	(Florida residents only, please add sales tax)		

SHIP TO:	PAYMENT INFORMATION
NAME	CARDHOLDER NAME (please print)
ADDRESS	
	TYPE OF CARD (MC, VISA, AMEX, DISC)
CITY/STATE	
ZIP	CREDIT CARD NUMBER / EXP DATE
PHONE	
	SIGNATURE

PLEASE MAIL TO AND MAKE CHECKS PAYABLE TO:
 EXCALIBUR ELECTRONICS
 13755 SW 119TH AVE. MIAMI, FL 33186
 CREDIT CARD HOLDERS MAY CALL 305.477.8080
 OR FAX 305.477.9516.
 Visit www.ExcaliburElectronics.com

CHECK INCLUDED

Total \$ _____

Special Care & Handling

- Avoid rough handling such as bumping or dropping.
- Avoid moisture and extreme temperatures. For best results, use between the temperatures of 39°F and 100°F (4° C and 38° C.)
- Clean using only a slightly damp cloth. Do not use cleaners with chemical agents.

Battery Information

- Batteries should be installed or replaced only by an adult.
- Your Mercedes 1:12 uses 8 AA batteries for the car and one 9V battery for the transmitter, not included.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-metal hydride) batteries.
- Do not mix old and new batteries.
- Do not use rechargeable batteries.
- Remove exhausted batteries from the unit.
- Do not short circuit battery terminals.
- Remove batteries and store them in a cool, dry place when not in use.
- To avoid explosion or leakage, do not dispose of batteries in a fire or attempt to recharge alkaline or other non-rechargeable batteries.

Due to continuing improvements, actual product may differ slightly from the product described herein.

90-Day Limited Warranty

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address shown at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or con-

sequential damages, so the above limitations and exclusions in these instances may not apply.

The only authorized service center in the United States is:

Excalibur Electronics, Inc.
13755 SW 119th Ave
Miami, Florida 33186 U.S.A.
Phone: 305.477.8080
Fax: 305.477.9516
www.ExcaliburElectronics.com

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your daytime telephone number, inside the shipping carton.

If your warranty has expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

**PLEASE DO NOT SEND
YOUR UNIT WITHOUT
RECEIVING AN ESTIMATE FOR
SERVICING. WE CANNOT
STORE YOUR UNIT!**

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