

IM-51421-50819-US



## IMPORTANT!

- \* Recharge, install or replace the batteries under adult supervision only.
- 1) Never allow the battery pack to become hot during charging - this will cause permanent damage. Warm is okay - hot is not!
- 2) Never leave a battery unattended while it is being charged.
- 3) Never recharge a hot battery. Always allow it to cool.
- 4) If you use an after-market charger, never charge the battery at a rate greater than 1000 mA.
- 5) If the battery is not completely discharged before recharging, the charging time may be reduced.

Again, do not allow the battery to get hot!

## Battery Recycling & Disposal. (USA & Canada only)

The Boydster II contains a nickel-cadmium (NiCD) battery as a separate pack to power the car. The RBRC® Battery Cycling Seal on the NiCD batteries indicate that Interactive Toy Concepts is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States and Canada. The RBRC program provides a convenient alternative to placing used NiCD batteries into the trash or the municipal waste system, which may be illegal in your area. Please call 1-800-8-BATTERY™ for information on NiCD battery recycling and disposal bans/restrictions in your area

## Specifications

Some versions of the Boydster II include a battery pack and charger. Specifications (subject to change without notice) are listed below.

### North American version

Charger Input: 120 V AC, 60 Hz, 9W  
Output: 9 V DC, 300 mA  
Charge Time: 4-6 hours

### Battery

Output Voltage: 7.2 V NiCD  
Capacity: 1500 mAh

### Contact Info:

Interactive Toy Concepts (CAN) Ltd.  
1192 Martin Grove Road, Toronto, Ontario, Canada M9W 5M9  
Toll Free in North America (866) 214-2220  
or in Toronto (416) 444-4964

### Replacement Parts

If you need to, you can order replacement parts directly from us.  
Please call: (416) 444-6873 or send email to [info@interactivetoy.com](mailto:info@interactivetoy.com)

## WARRANTY

Interactive Toy Concepts Ltd. (ITC) guarantees this model to be free from defects in both material and workmanship. The total monetary value under warranty will in no case exceed the cost of the original kit purchased. This warranty does not cover any components damaged by use or modification. Part or parts missing from this kit must be reported within 30 days of purchase. No part or parts will be sent under warranty without proof of purchase. To receive part or parts under warranty, the service center must receive a proof of purchase and/or the defective part or parts. Should you find a defective or missing part, contact the authorized ITC Service/Distributor nearest you.

### FCC Note: USA only

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

### Industry Canada Notice: Canada only

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Field Strength and measurement distance:

27MHz - 78.7 dB uV/m at 3 meter.

49MHz - 78 dB uV/m at 3 meter.

## RADICAL RADIO CONTROL HOT RODS

Please read this instruction manual before using your new R/C Hot Rod.



FULLY LICENSED  
PRODUCT

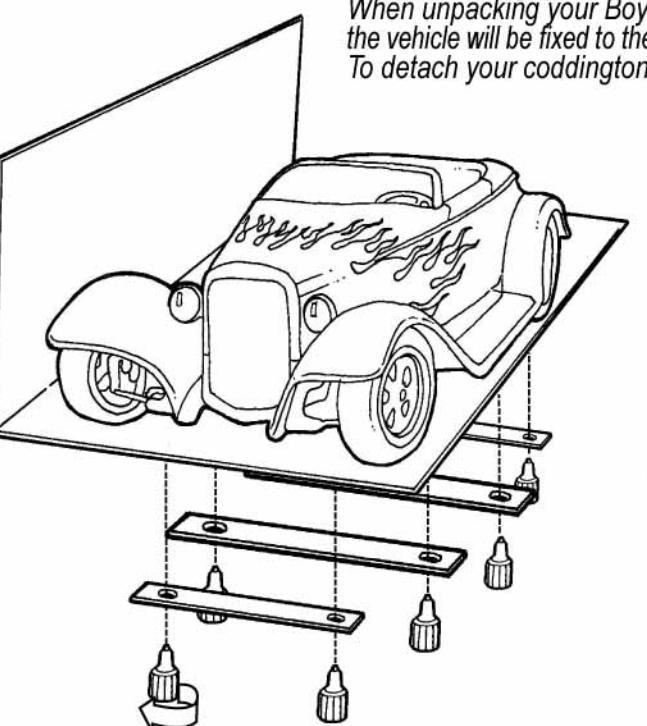
### CAUTION - ELECTRICALLY OPERATED PRODUCT.

THE AC CHARGER IS TO BE USED UNDER ADULT SUPERVISION ONLY.  
NOT RECOMMENDED FOR CHILDREN UNDER 12 YEARS OF AGE.  
AND, AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE  
OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.

INPUT: AC120V 60HZ 9W

OUTPUT: DC9V 300mA UL LISTED CHARGER

\* The AC adapter should be examined periodically to ensure that it is undamaged.  
Failure to do this may result in the risk of fire, electric shock, or injury to people.  
In the event that the adapter shows signs of abuse, it should not be used until  
repaired by a certified technician.



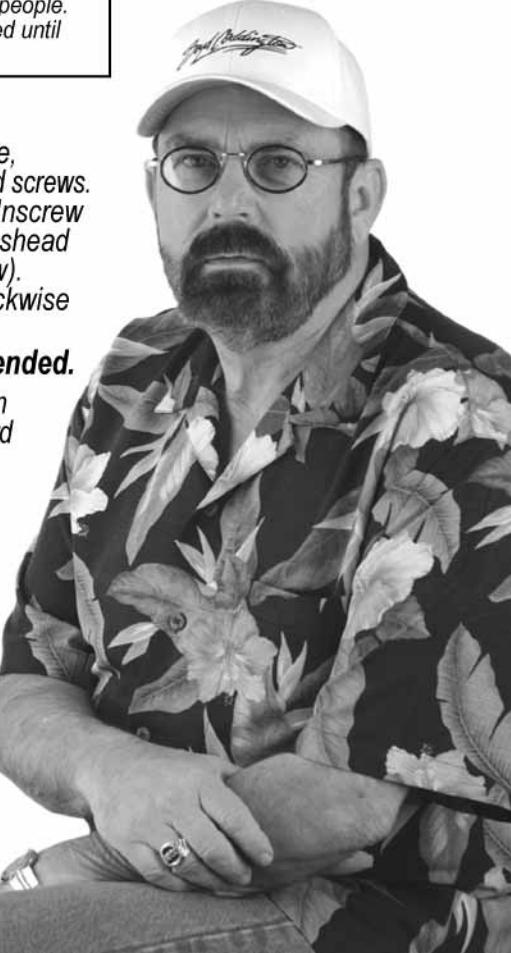
### Unpacking your Boydster II R/C

When unpacking your Boyd Coddington R/C for the first time,  
the vehicle will be fixed to the packaging with plastic supports and screws.  
To detach your coddington R/C vehicle from the supports. Unscrew  
each screw using a Phillips/ Crosshead  
screwdriver (see illustration below).  
Turn each screw in a counter clockwise  
direction to release.

### Adult supervision is recommended.

Each plastic support is located on  
the opposite side of the cardboard  
insert from each product.  
The plastic supports and screws  
are not needed for operating  
the Boydster II.  
Therefore can be discarded  
after detachment.

**NO NOT leave the plastic  
parts out when finished!  
Discard as they may pose  
a chocking hazard for  
younger children!**



continued next page

# INTRODUCTION

Thank you for purchasing the Interactive Toy Concepts Ltd., Boyd Coddington licensed R/C hot rod. This instruction manual contains the steps you will use to prepare and use your new vehicle. Please read all instructions and familiarize yourself with the systems and controls of this product before operating it. You will enjoy many hours of trouble free use with this advanced R/C product.

## ITEMS REQUIRED FOR OPERATION

9V Alkaline Battery For Transmitter (Not included).



## Hardware INCLUDED

7.2V (6cell) 1500 mAh (NiCD) power pack  
A/C battery charger  
Receiver (car) Antenna  
Transmitter Antenna  
R/C Transmitter

## Precautions

Please read all instructions thoroughly before operation.

1. This toy is a high performance model. It is important to familiarize yourself with the model, its manual, and its construction before operation. Children should operate it only under adult supervision.
2. Do not operate the model in rain, on public roads, near crowds, near airports, or near areas where radio operation is restricted.
3. This product and its parts can cause injury if used improperly. Always exercise extreme caution when operating this toy. Do not touch any moving part of the model.
4. Always determine if there are any R/C models nearby operating on the same frequency as you are. If there are - do NOT turn on your hot rod or transmitter!
5. Check your radio for proper operation and range before operating your model. See section 4 below for instructions.
6. Do not stall the electric motor. The ESC (electronic speed controller) may overheat and fail if power is applied to the motor when the car cannot move freely.
7. Improper operations may cause personal and/or property damage. ITC Ltd. and its distributor have no control over damage resulting from shipping, improper building materials, construction, or improper usage. By the act of operating this product, the user accepts all resulting liability. If the buyer is not prepared to accept this liability, then he/she return this product in new and unused condition to the place of purchase.

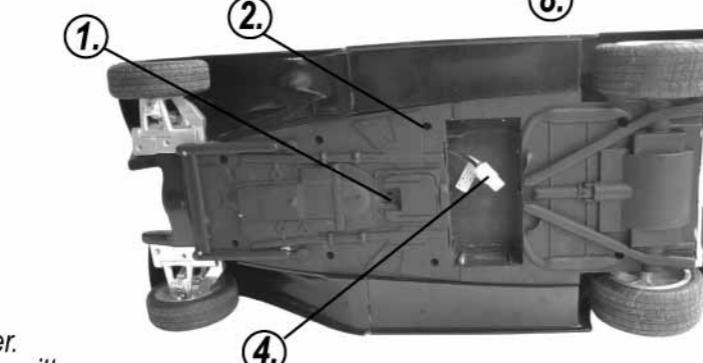
## The Transmitter

1. Transmitter Antenna: Never operate the transmitter without extending the antenna.
2. Battery Level Indicator: If the Red LED become dark, please replace the battery
3. Steering Trim: Adjusts the center point of the front wheels, in small increments.
4. Channel Selector: Allows you to choose one of three R/F control channels.
5. Steering Wheel: Controls the steering of the model.
6. Power Switch: Turns the transmitter on or off.
7. Throttle Trigger: Pull or push to control the movement of the model.
8. Battery Cover: Push the 'catch' and lift up to open the battery cover for battery replacement/installation.



## The Hot Rod

1. Power Switch: Used to turn the car ON or OFF.  
Note: never turn car ON if transmitter is OFF.
2. Channel Selector: Changes the channel of the receiver to match the transmitter.
3. Antenna: Receives the radio signal.
4. Battery Plug: Connects the battery pack to the unit.



## 1. Battery Installation

### Transmitter:

- 1) Push the 'catch' and lift up to remove the battery cover. The battery cover is located on the underside of the transmitter.
- 2) Install a 9V alkaline battery, ensuring that the polarity is correct.
- 3) Reinstall and fasten the battery cover.

## Car: continued

- 1) Open the battery compartment located on the underside of the car, by releasing the two latches and gently pulling the cover open.
- 2) Install the supplied Ni-CD power pack into the battery compartment.
- 3) Close the cover and lock the two latches.
- 4) Removal is simply the reverse of installation.

## 2. Radio-System Preparation

- a. Thread the extendible metal antenna into the top of the transmitter.
- b. Choose channel ID A, B or C by sliding the rear-mounted channel switch to the appropriate position. You can run up to three cars simultaneously but each one must be on a separate channel.
- c. Make sure that the channel ID selected on the underside of the car matches that of the transmitter. If not, slide the selector switch on the underside of the car to match that of the transmitter.
- d. Thread the antenna into the receptacle located on the car body, behind the seat, on the right.

Note: If there is a radio glitch, the most likely cause is other models operating on the same frequency.

## 3. Radio Setup & Operation

- a. ALWAYS turn the transmitter on first.
- b. Next, turn the receiver (car) ON. Turning the receiver (car) ON first may cause it to immediately go out of control. Note: When switching OFF, first turn the car OFF, then switch the transmitter OFF.
- c. To center the car's front wheels when the steering wheel is in the neutral position, use the two push button switches located in front of the steering wheel. Pushing one makes the car's front wheels turn a bit to the right, the other a bit to the left.

## 4. Radio Check

- a. Check the throttle and steering functions. With the radio transmitter and receiver (car) turned ON, turn the steering wheel/stick to the left. The front wheels should turn left. Return the steering wheel to neutral. The front tires/wheels should point straight ahead. If not, use the steering trim buttons to correct it.
- b. Turn the steering wheel to the right. The front tires/wheels should turn to the right.

## 5. Operation

- a. Squeeze the trigger towards you gently - the car will start to move forward. Release the trigger and the car will stop. Push the trigger away from you and the car will reverse.
- b. The throttle is proportional which means that the farther you move the trigger, the faster it will go.
- c. Use the steering wheel to turn the car - it will follow the steering wheel proportionally, just as a real car would.
- d. Note that all r/c models are subject to what is called "control reversal". When the model is coming towards you it appears to turn in the "wrong" direction. But if you imagine yourself in the driver's seat, the model is in fact turning correctly - it just appears to be turning the wrong way since you are "facing" it. Try turning your back (slightly) to the car and looking over your shoulder, when it is coming towards you until you get used to this phenomenon.
- e. The car has a range of about 100 feet. If you attempt to run it farther, you may lose control of the car, obviously leading to a dangerous situation. At any sign of loss of control, stop the car and walk towards it to increase your transmitter's apparent signal strength and to determine the problem.
- f. Be sure not to completely drain the transmitter batteries. Doing so will cause a loss of transmitter signal and you will lose control of your car.

## 5. Battery Charging

- a. Make sure that the battery pack is discharged prior to charging. Discharge the battery pack by running the car until it slows down (but does not completely stop).
- b. For best results, let the battery pack cool before charging. Heat may prevent the battery pack from charging to full capacity and also will decrease the life of the battery.
- c. Once the battery is ready to be charged, plug the charger into an AC outlet, then plug the battery into the charger.
- d. Allow the battery to charge for 4-6 hours and monitor it as it is being charged. Do not let it get too hot. Warm is okay but hot to the touch is not okay.

## Maintenance

- a. Always turn the radio system OFF and unplug the car's battery pack when not using the Hot Rod.
- b. Remove any sand, dirt, or other contaminants from the car before you store it.
- c. Never use chemicals or any solvents to clean the chassis as it may cause damage to the electronic components and plastic parts. Use compressed air, a soft paintbrush, or toothbrush to clean off dust and dirt.

**FCC STATEMENT**

Warning: Changes or modifications to this unit not expressly approved by the manufacturer could void the user's authority to operate the equipment.