Jada	Final Output Approval (Hong Kong Office use only)		
Battle Machine		Signature	Date of approval
Description: RC Instruction Sheet	Art Dept Approved		
Scale: 1:16	Engineer Approved		
Material Code: F94713-0000-ISH-EN01A	QA Engineer Approved		
Date: 22, Apr, 2010	Remarks:		
Prepared By: Lefang			

Jada

BATTLE MACHINES RADIO CONTROL

JADATOYS.COM

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Made in China

CONSUMER INFORMATION:

TWIN PACK CONTENTS
Vehicle x 2PCS
Transmitter Controller x 2PCS
Antenna Sleeve x 2PCS

Keep these instructions for future reference: they contain important information.
IMPORTANT: Please read all "Consumer Information" before operating your vehicle.

ADULT SUPERVISION REQUIRED.

Surfaces may become hot and cause burns if electronics get wet. Do not operate vehicle through water or snow.

Consumer Information:
Note to Adults: to ensure that the child's play is both safe and fun, please review all operating instructions and safety rules with your child.

Safety Tips
- NEVER point the infrared light at eyes!
- NEVER drive your vehicle on streets! They're for real cars!
- DO NOT pick up vehicle while in motion.
- Avoid collisions with wall or hard surfaces.
- Keep fingers, hair and loose clothing away from tires and the wheel hubs while the vehicle is switched ON.
- Adult supervision is recommended when this vehicle is being operated.
- To avoid accidental operation, remove all batteries when not in use.
- Be sure to rest your vehicle for at least 5 minutes after every 15 minutes of operation.
- Please avoid unintended play with electric wire (soft antenna), as it may defect product or result in strangulation.

BEFORE BATTERY INSTALLATION
Each Battle Machine is designed to work with 4 (four) standard "AA" batteries, sold separately.
Each controller is designed to work with a 9-volt battery, sold separately.

Battery Safety Information
- Insure that battery polarity is correct.
- Use only batteries of the type recommended (or equivalent).
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Remove used-up batteries immediately. Remove batteries if vehicle will not be used for a long period of time to prevent possible leakage.
- Do not recharge non-rechargeable batteries.
- Do not short-circuit terminals.
- Dispose of batteries safely. Do not dispose of batteries (or products containing non-replaceable batteries) in fire, as batteries may explode or leak.

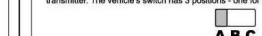
QUICK TIPS
- When your vehicle starts to lose power, it may lose functions or performance. It's time for fresh batteries (or a recharge). Your vehicle's running time may change depending on your driving style.
- Radio interference can make your vehicle run badly.
  Interference can be caused by other R/C vehicles running on the same frequency; electrical wires, large buildings; or CB radios. Try to stay away from these!

CONSUMER INFORMATION:

- Point your transmitter controller antenna up – not down toward your vehicle. If your vehicle gets too far away, it won't work properly.
- Don't drive your vehicle in sand or through water or snow.
- Don't store your vehicle near heat or in direct sunlight. Always turn switches OFF and remove all batteries for storage.
- If the vehicle resets automatically, the batteries are weak and need to be changed.

Cleaning instruction:
To clean, wipe excess dirt from toy. Remove batteries first. Wipe toy clean with wet cloth using plain water. Wipe dry. DO NOT IMMERSE IN WATER and DO NOT CLEAN VEHICLE WITH ANY CHEMICALS. Let the toy completely dry before putting batteries back into clean, dry battery compartment.

FUNCTION DESCRIPTION
Multi-Channel Operations Tips:
- Your vehicle features the advanced Jada Toys Multi-channel system. This system allows you to race your vehicle against up to five of your friends (up to 6 drivers total) without any radio interference from your friends' transmitters or vehicles. You must play with another multi-channel equipped vehicle for this feature to work. **(race up to 6 cars at once when using both the 27mhz and 49mhz frequencies).**
- There's one multi-channel selector switch on your vehicle's chassis and another one on the transmitter. The vehicle's switch has 3 positions - one for each multi-channel setting.



- The transmitter switch has 3 positions—one for each multi-channel setting.

- For successful operation, the vehicle switch and the transmitter switch must be set to the same multi-channel setting. When you're driving by yourself, you can set the switches to any of the available multi-channel settings, as long as the setting on the vehicle matches the setting on the controller.
- Each vehicle's frequency is pre-set (not adjustable) 27 or 49 Mhz. But its channel is adjustable A, B, or C. Before playing, make sure your vehicle and transmitter are set to the same channel. When playing with other vehicles, make sure you have different combination of frequency and channel than others. For example, 27Mhz A channel can only play with 27Mhz B, C, or 49Mhz A, B, C; but it cannot play with 27Mhz A. Up to 6 players total.
- When you want to play head-to-head, make sure that each driver (up to 6 drivers total) has a vehicle and transmitter set to a different multi-channel setting.
- To operate your vehicle with transmitter, turn the vehicle's ON/OFF/AUTOPILOT switch to the "ON" position.
- Set the Multi-Channel selector on the vehicle to the same channel as the transmitter.
- Turn the transmitter's ON/OFFswitch to the "ON" position.
- You must be playing against another Jada Toys multi-channel equipped vehicle. Operating two vehicles on the same channel will cause interference. When operating with another non-multi-channel vehicle, make sure that vehicle operates under a different frequency than yours.
- If you need to change the multi-channel setting, first make sure that your vehicle is turned "OFF". Change the switch position as desired, making sure to change both the transmitter and vehicle channel settings. Then turn your vehicle back "ON" for more playing action.
  Note: make sure you're not using the Transmitter Controller while changing the selector switch position.

CONSUMER INFORMATION:

Normal Play Mode
- Insert correct batteries.
- On the front of the Transmitter Controller, turn the ON/OFF switch to "ON" position.
- On the Vehicle's chassis, turn the ON/OFF/AUTOPILOT switch to "ON" position.
- Start to play.

BATTERY INSTALLATION

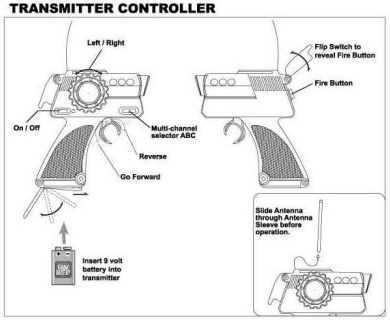
INSTALLING BATTERIES IN THE VEHICLE
1. Push the ON/OFF/AUTOPILOT switch to "OFF" position on Vehicle.
2. Remove battery cover (Use a Phillips screwdriver to remove screw - Not Included) and unclip.
3. Remove the used batteries (if any).
4. Insert 4 (four) "AA" batteries, with polarity (+/-) as shown inside battery compartment.
5. Snap the battery compartment door back into place and replace screw.

INSTALLING BATTERY IN CONTROLLER
1. Open the battery cover.
2. Remove the used batteries (if any).
3. Install 1 (one) 9V battery with polarity (+/-) as shown inside battery compartment.
4. Replace battery cover.

Note: batteries not included

GENERAL GUIDE

TRANSMITTER CONTROLLER



Important!
Problems?

Before taking your new vehicle back to the retailer, call our friendly R/C technicians at:

1-800-679-5232
between the hours of 9 am to 5 pm Pacific Time; Monday - Friday.

WWW.JADATOYS.COM
Questions or problems with your vehicle?

DO NOT RETURN IT TO THE STORE!

U.S.A & Canada
30-Day Limited Warranty
Jada Toys Products

Jada Toys, Inc. warrants to the original consumer purchaser that this product will be free of defects in material and workmanship for thirty (30) days from the date of purchase. Jada Toys will repair or replace the product, at our sole option, in the event of such a defect within the warranty period.

In the event of a defect covered under this warranty, first call the toll-free number listed below. Many problems can be solved in this manner. If necessary, you will be instructed to return the product, postage pre-paid and insured, to the address below. Enclose your name, address, telephone number, copy of dated sales receipt, and a brief explanation of the defect. Repair or replacement, and return shipment, will be free of charge. Please return the defective part or unit, packed securely. This warranty does not cover damage resulting from unauthorized modification, accident, misuse or abuse. If the product is returned without a dated sales receipt, the product may be excluded from coverage under this warranty.

Jada Toy's liability for defects in material and workmanship under this warranty shall be limited to repair or replacement, at our sole option, and in no event shall we be responsible for incidental, consequential, or contingent damages (except in those states that do not allow this exclusion or limitation). This warranty is exclusive, and is made in lieu of any express or implied warranty. **Valid only in U.S.A. and Canada.** This warranty gives you specific legal rights and you may have other rights, which may vary from state to state. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

TOLL-FREE NUMBER: 1-800-679-JADA (5232) **(valid only in U.S.A. and Canada)**
Hours: 9:00 A.M. – 5:00 P.M. Pacific Time; Monday – Friday. Expect some delay in January following the holiday season.
Please be patient and keep trying the toll-free number.

Address for Returns:
Consumer Relations, Jada Toys, Inc
938 Hatcher Ave.
City of Industry, CA 91748

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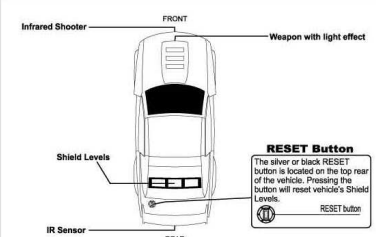
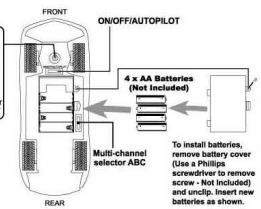
GENERAL GUIDE

RC VEHICLE



RESET Button
The silver or black RESET button is located on the top rear of the vehicle. Pressing the button will reset vehicle's Shield Levels.
RESET button

Steering Dial
TO ADJUST STEERING ALIGNMENT
Adjust the steering alignment lever on the underside of the vehicle when the vehicle doesn't run straight forward.
Steering Alignment Lever



To install batteries, remove battery cover (Use a Phillips screwdriver to remove screw - Not Included) and unclip. Insert new batteries as shown.

QUICK GUIDE

HOW TO PLAY

1. AIM
   Position your RC vehicle behind your opponent's RC.
   For the IR sensor to detect the Infrared Light, you must aim towards the rear of their vehicle.

2. FIRE
   Press the 'Fire' button on the transmitter controller to shoot Infrared Light from the front of your RC vehicle.

3. HIT
   When positioned correctly, the Infrared beam will hit your opponent's RC vehicle and reduce their Shield Levels.

The IR Sensor will detect Infrared beam within a limited distance depending on the light source in play environment. Shoot Vehicle at a closer distance for a more accurate shot.

Operations Tips:
Car: ON/OFF/AUTOPILOT switch is located on the bottom of the Vehicle.
Transmitter: ON/OFF switch is located on the side of the Transmitter Controller.
When you are ready to run, please make sure to push the ON/OFF/AUTOPILOT switches to "ON" position on the Vehicles, and Transmitters.

TWO PACK INSTRUCTIONS

PLAY PATTERN

AIM, FIRE, & HIT YOUR OPPONENT 3X TO WIN

1. The first hit will lower your opponent's Shield Levels and jam their vehicle for a short duration.
2. The second hit will lower your opponent's Shield Levels further and jam their Vehicle once again.
3. On the third hit, your opponent's Shield Levels will be wiped out and they will lose control of their Vehicle.
   *Press the RESET button to start over again.

TWO PLAYER MODE

1. 2 PLAYER COMBAT
   In the 2 player mode, switch both your Battle Machine RC's to the "ON" position. Both players drive their vehicle with the controller and try to eliminate each other.

   Note: both RC Vehicles must be on different channels.

ONE PLAYER MODE

THERE ARE 2 WAYS TO PLAY IN THIS MODE

1. RADIO CONTROL
   Play as a standard radio control vehicle.

2. 1 PLAYER TRAINING
   In the 1 player mode, switch your Battle Machine RC to the "AUTOPILOT" position - this will initiate the "Auto Pilot" feature. Using the other RC Vehicle, you can sharpen your battle skills while you Aim, Fire, and Hit the moving target.

   Note: Auto Pilot feature goes into Sleep Mode after a few minutes. Switch your Battle Machine RC to the "OFF" position, then back to "AUTOPILOT" position to restart "Auto Pilot" mode.

TROUBLE SHOOTING

PROBLEM	SOLUTION
Car will not START.	1. Power switch is "OFF". Turn "ON". 2. Batteries are installed with incorrect polarities. Check the + and - markings to make sure the batteries are properly aligned. 3. Batteries are drained. Charge batteries and/or install new batteries.
Car does not respond to controls.	1. Transmitter Controller battery is drained. Replace the 9V Controller battery. 2. Vehicle is out of range. Bring Controller closer to the Vehicle. 3. Interference from surrounding electrical machinery. Bring to a wide open space.
Car does not drive straight.	1. Adjust the Steering Dial underneath the front axle, left or right, until the wheels point straight forward.
Car does not move.	1. Release the trigger immediately, and rest your Vehicle for a few minutes.
Car reset after being shot.	1. Batteries becomes weak, time to refresh batteries.

INFRARED SHOOTING DISTANCE (based on lighting conditions)

Outdoor: Sunny (30000-130000Lux)	Outdoor: Cloudy (1000-10000Lux)	Outdoor: Night (0.01-0.27Lux)	Indoor (200-700Lux)
Approximately within 5 Feet | 2.2 meters	Approximately within 13 Feet | 4 meters	Approximately within 99 Feet | 30 meters	Approximately within 66 Feet | 20 meters

FCC STATEMENT

COMPLIANCE WITH FCC REGULATIONS (VALID IN U.S. 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, AND
2. THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
This device generates and uses radio frequency energy and if not used properly may cause interference to radio and television reception. It has been tested and found to comply with the limits set by the FCC which are designed to provide reasonable protection against such interference.
FCC Warning:
CAUTION:
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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:
–Reorient or relocate the receiving antenna.
–Increase the separation between the equipment and receiver.
–Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
–Consult the dealer or an experienced radio/TV technician for help.

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