

### 4. Battery Installation and Charging

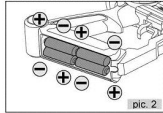
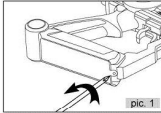
#### 4.1 Batteries:

- The 1:12 Ducati Desmosedici is powered by 1 x 4.8 V Ni-MH rechargeable battery pack.
- The Transmitter is powered by 4 x 1.5 V "AA" size batteries.

#### 4.2 Battery Installation: Transmitter

Make sure the power switch is on "OFF" position.

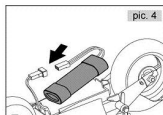
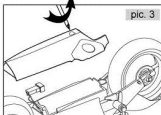
- Use screwdriver to loosen screw in counter-clockwise (pic.1).
- Insert new "AA" size batteries with "+" & "-" signs as shown inside battery drawer (pic.2). Close the battery cover using a screwdriver.



#### 4.3 Battery Installation: 1:12 Ducati Desmosedici

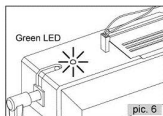
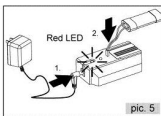
Make sure the power switch is on "OFF" position.

- Use screwdriver to loosen screw in counter-clockwise (pic.3).
- Connect the plug of the battery pack to the motorcycle (pic.4). Close the battery cover using a screwdriver.



#### 4.4 Battery Charging:

- Connect the plug of the AC/DC adaptor to the charger. The red LED will light up. (pic.5) Connect the plug of the battery pack to the charger (pic.6). The green LED will light up (pic.6).
- After charging is completed, the green LED indicator will turn off automatically.
- The motorcycle can have about 5-6 minutes of play time after 20-45 minutes charging.



Note: Before you recharge the battery, wait for 10-15 minutes to have the battery cool down.

### 2. Precautions, Warning & Statement

#### Safety Precautions:

- Parents, this toy is recommended for children. To ensure that your child's play is both safe and fun, please review the operating instructions with your children.
- **DO NOT** pick up moving motor bike.
- Keep hands, hair and loose clothing away from the tires and the wheel hubs when power switch is turned ON.
- Remove battery from the toy when not in use.
- **DO NOT** operate your motor bike on streets. Avoid hitting people, pets or home furnishings.
- Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

**WARNING:**  
CHOKING HAZARD - Small parts.  
Not for Children under 3 years.

#### FCC Statements

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.

**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.

**RSS-310 OF INDUSTRY CANADA STANDARD**

**VALID FOR CANADA ONLY:** This device complies with RSS-310 of Industry Canada Standard. 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 of the device. This Category 1 radio communication device complies with Industry Canada Standard RSS-310. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication. Carrier frequency: 27.045 MHz. Field strength: 75.5 dBµV/m.

#### Battery Cautions:

- Do not recharge the battery if it's hot. Allow it to cool before recharging.
- Do not charge the battery that shows leakage or corrosion.
- Do not disassemble the battery.
- Do not dispose of the batteries in fire.

#### Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable battery are only to be charged by an adult.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.

#### Care and Maintenance:

- Always remove batteries from the toy when it is not being used for a long period of time.
- Wipe the toy gently with a clean damp cloth.
- Keep the toy away from direct sunlight and/or direct heat.
- Do not submerge the toy into water that can damage the electronic assemblies.

#### Note:

- Parental guidance is recommended when installing or replacing batteries.
- You are advised to recharge the battery pack as soon as the function becomes impaired.
- Users should keep and retain this information for future reference.
- Users should keep strict accordance with the instruction manual while operating the product.
- Under the environment with electrostatic discharge, the sample may malfunction and requires user to reset the sample.

#### Special Note to Adults:

- Regularly examine for damage to the plug, enclosure and other parts. In the event of any damage, the toy must not be used with the power charger until the damage has been repaired.
- This toy is not intended for children under 3 years old. The charger is not a toy.
- This toy must only be used with the recommended charger.
- Disconnect charger and transformer from mains prior to cleaning.

#### Note:

- NiMH and alkaline batteries are recommended to use in this toy to obtain best and maximum performance.

DIGITAL PRO SERIES

R/C 1:12

DIGITAL PROPORTIONAL  
**DUCATI DESMOSEDICI**



- Key features:**
- Full Function Digital Proportional Control
  - Steering Trim Alignment
  - Brake Endpoint Adjustment
  - Throttle Rate Selector
  - Hobby Grade Details

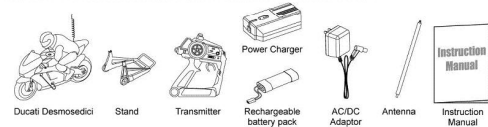
6018721  
R/C Ducati Desmosedici  
Imported in Canada for  
Oibyx Electronics,  
Toronto, Canada, L4K 4M3  
Manufactured in China  
Fabrique en Chine

Ducati Corse S.r.l. Official Licensed Product

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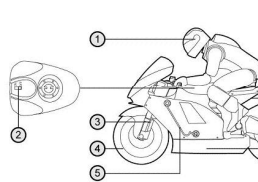
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### 1. Pack List



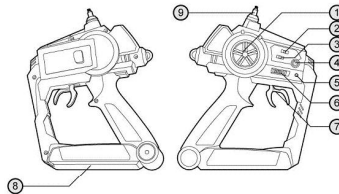
### 3. Parts Identification

#### 3.1 Ducati Desmosedici



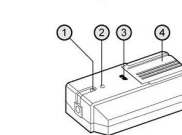
1. Rider
2. ON/OFF switch
3. Front suspension
4. Front wheel
5. Side stabilizer
6. Battery compartment
7. Rear wheel
8. Rear suspension
9. Antenna

#### 3.2 Transmitter



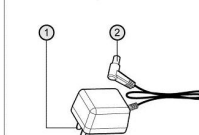
1. Steering wheel
2. Acceleration curve selector
3. Brake selector
4. ST trim (Trimmer for alignment)
5. Power LED
6. ON/OFF switch
7. Throttle trigger
8. Battery compartment
9. Antenna

#### 3.3 Power charger



1. Power LED
2. Battery charging indicator
3. Plug connect to rechargeable battery
4. Recharge area for rechargeable battery

#### 3.4 AC/DC Adaptor



1. Plug connect to the AC source
2. Plug connect to the power charger

## 8. Trouble Shooting

Symptom	Cause	Correction
Motorbike does not react, or react poorly to operation by transmitter.	- High-frequency interference occurred near to high-voltage lines, transformers and some types of building.	- Avoid these if possible, or choose another place to operate the vehicle.
Loss of control.	- Another radio control vehicle using the same frequency and channel is operated near your vehicle. - Out of the control range of distance.	- Race against other vehicles using different frequencies or channel. - Move to another place where without radio frequency interference from another device. - Ensure the antenna is fully extended. The motorbike runs minimum distance of 20 meters or 60 feet in open space.
Motorbike runs slowly erratically or does not run.	- Loose battery connection. - Main power switch is not in "ON" position. - Batteries are not placed in compartment correctly. - Hair, carpet or dirt might be trapped between wheels.	- Check battery connection. - Switch on the power. - Check the battery polarity. - Replace all old batteries with new ones. - Carefully remove such foreign materials.

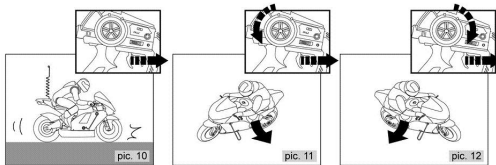
## 9. Spare Parts

Transmitter		Power Charger	
No. of channel	2	AC/DC adaptor output	7.5V, 60mA
Crystal frequency	27.045MHz (default)	<b>Motorbike</b>	
Modulation	FMPOM compatible with hobby grade transmitter	Receiver crystal frequency	26.590MHz (default)
Control range	Up to 12m	Battery pack	4.8 V Ni-MH battery pack

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### Braking / Stopping

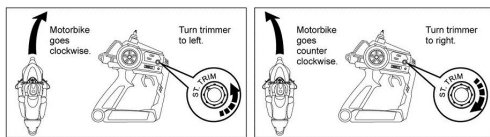
- While driving forward, release the throttle trigger for slow-down or push the throttle trigger for braking. (pic.10)
- Before stopping completely, turn the steering wheel either left or right. (pic.11, pic.12)
- The motorbike will turn and stop with one of its side stabilizer on the ground.



**Note:**  
When you make quick braking, the motorbike may become unstable and it may fall down easier.

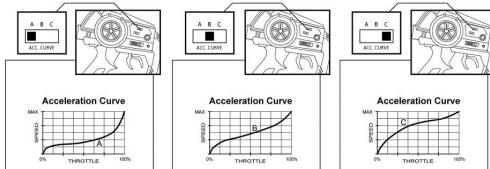
### 5.3 Trimmer adjustment

If your motorbike cannot go straight, you can tune the "ST. TRIM" button left or right to adjust it. Please tune the steering trimmer to left when the motorbike has the trend to turn clockwise or tune trimmer to right when it goes counter clockwise.



### 5.4 Acceleration curve adjustment

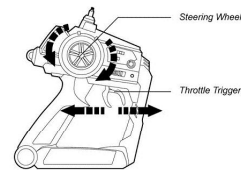
You can select the "ACC. CURVE" switch to achieve different acceleration performance.



## 5. Transmitter Operation

### 5.1 Steering driving:

Throttle Trigger	Steering Wheel	Action
←	↖	Forward and accelerate
→	↗	Brake
←	↙	Forward left
→	↘	Forward right

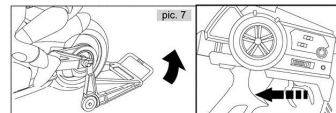


### 5.2 Driving your 1:12 Ducati Desmosedici

1. Screw the antenna on Transmitter
2. Set transmitter power button "ON/OFF" to "ON", the LED indicator of power will light up.
3. Set Vehicle power button "ON/OFF" to "ON".
4. Try different method to start your motorbike.

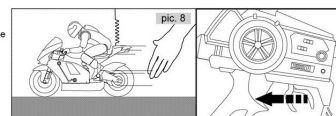
#### NORMAL START

Hold your motorbike steadily with the Stand. Gently release your motorbike forward while pulling the throttle trigger. (pic.7)



#### ADVANCED START

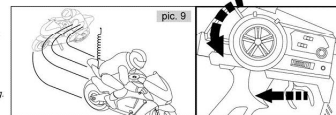
Hold your motorbike steadily on the ground (keep your fingers clear of the wheel hubs). Gently guide your motorbike forward while pulling the throttle trigger. (pic.8)



#### FAST-TURN START

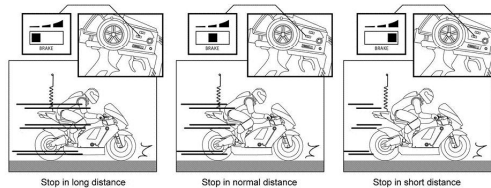
Set your motorbike on the ground, leaning on one of its side stabilizers. Turn the steering wheel to opposite side and pull throttle trigger to drive straight ahead. (pic.9)

**Note:**  
The motorbike may not start depending on ground conditions (e.g. slippery surface). Please try the normal start when this occurs.



### 5.5 Brake force adjustment

You can select the "BRAKE" switch to achieve different performance for stopping your motorbike.



## 6. Environment for Driving

- Operate only on flat, smooth (but not slippery), dry surfaces and low pile carpet, as hair, carpet or dirt can affect the operation of the motorbike.
- Don't drive your motorbike in sand or through water or snow, if your motorbike get wet, wipe with a towel and allow to dry completely.
- When your motorbike runs erratically, the problem is usually the result of interference caused by high tension wires, radios or other R/C toys running close by on the same frequency as yours. You may have to choose an alternate place to race.
- Do not operate near concrete walls which may disturb transmission.

## 7. Driving Tips

- TIP 1**  
- The acceleration varies at different trigger position.
- TIP 2**  
- Steering angle varies at different steering wheel position.
- TIP 3**  
- The turning radius may vary at different position combination of trigger and steering wheel.
- TIP 4**  
- The motorbike will turn better in normal speed.