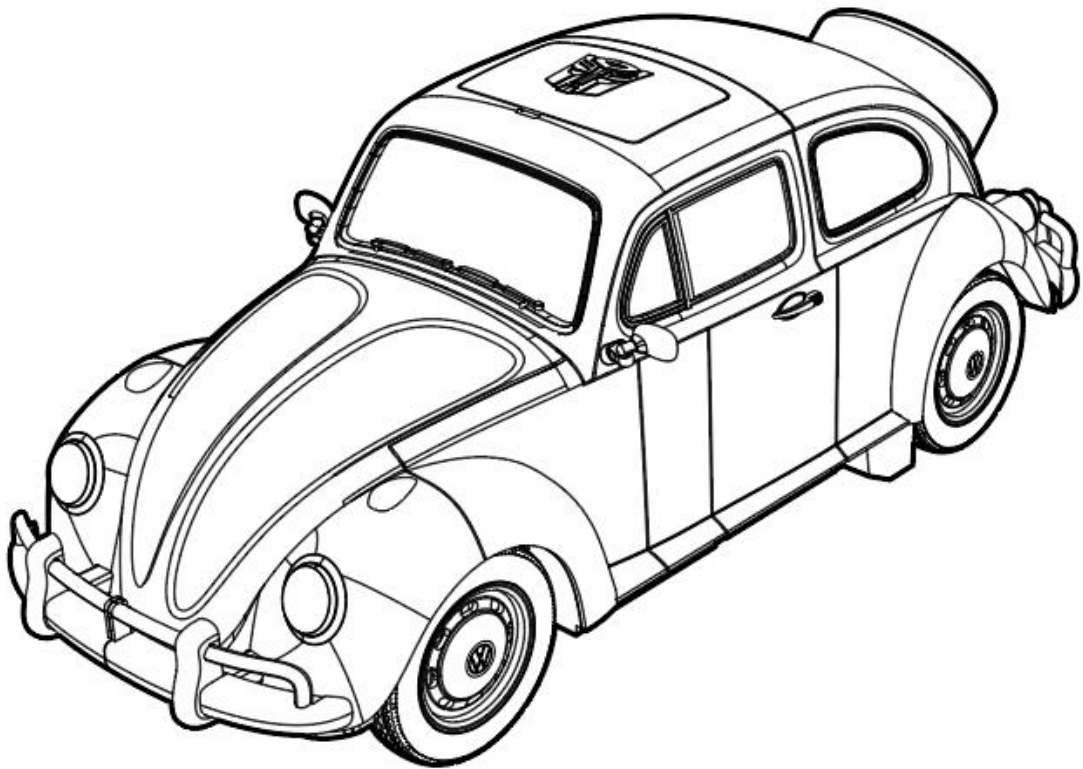


Flagship Bumblebee

User Manual



CONTENTS

DISCLAIMER	2
1. Important Safety Instructions	3
1.1 Notice	
1.2 Warning	
1.3 Environment	
1.4 Usage	
1.5 Care & Maintenance	
1.6 Battery	
1.7 Disposal	
2. What's In the Box	5
3. Getting Started	5
3.1 Operating the Robot	
3.1.1 Power On/Off	
3.1.2 Wake Up & Convert & Voice Commands	
3.1.3 Voice Programming	
3.1.4 Easy Programming	
3.1.5 Modes Introduction	
3.2 Using the App	
3.3 Charging	
4. FAQs	10
5. Specifications	11

DISCLAIMER

Please read this user manual carefully before using the product to ensure that you fully understand this product and can properly use it. After reading the user manual, keep it in a safe place for future reference. By using this product, it is deemed that you have understood, acknowledged, and accepted all terms and conditions related to it. Robosen hereby disclaims any liability for any injuries or loss that may arise due to the misuse of the product or failure to comply with the instructions provided herein.

Due to continuous upgrades and improvements, the product you purchased may differ slightly from that described in this manual. All explanations and specifications provided herein are for reference only. Any changes or updates to the design, manuals, and all related documents for this product, if necessary, shall be made without prior notice. For the latest information on the product, please refer to the official website of Robosen.

1. Important Safety Instructions

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.

1.1 Notice

This product is intended for household use only and persons over the age of 15.

1.2 Warning

The product contains small parts that may present a choking hazard. Please exercise caution when using it around children.

1.3 Environment

1. Use and store the product in temperatures between 32~95°F (0~35°C). Low or high temperatures may affect the performance and use of the product.
2. Use the voice control in a quiet environment.
3. DO NOT use the product in prohibited, dangerous, or public areas (e.g. under high-voltage power lines, in train stations, on trains, in airports, on airplanes, etc.).
4. DO NOT use the product near flammable materials or on flammable surfaces (carpets, wooden floors, wooden furniture, etc.) or conductive surfaces.

1.4 Usage

1. Before using the product, carefully inspect all of its parts for any signs of damage. DO NOT use the product if any part is damaged. Contact customer service for examination and repair.
2. Use the product on a smooth, level surface, ensuring sufficient clearance and space to prevent the product from falling or being damaged.
3. Close supervision is necessary when the product is being used by children to prevent it from falling and causing damage or injury to persons.
4. It is normal for the product to heat up slightly during use.
8. DO NOT immerse the product in water.
9. Charge the product only with the provided power adapter and charging cable. DO NOT use them to charge other devices.
10. DO NOT use any unofficial components or accessories. If replacements are necessary, contact customer service.
11. DO NOT allow persons with reduced physical, sensory, or cognitive abilities or lack of experience and knowledge to use the product unless they are supervised.

1.5 Care & Maintenance

1. Turn off the product, disconnect the power adapter, and allow it to completely cool down before cleaning, storing, or transporting.
2. If necessary, wipe exterior surfaces with a soft, slightly damp cloth. DO NOT use alcohol, abrasives, solvents, chemical cleaners, or harsh detergents.

3. Store the product in a cool and dry place. DO NOT place it in a pressurized container.
4. DO NOT throw, hit, puncture, cut, kick, or step on the product or power adapter.
5. DO NOT expose the product to direct sunlight or high temperatures. Keep away from open flames, humidity, heat, and/or corrosive gas.
6. DO NOT attempt to disassemble or repair the product or power adapter or charging cable by yourself. Doing so may cause damage and void the warranty.

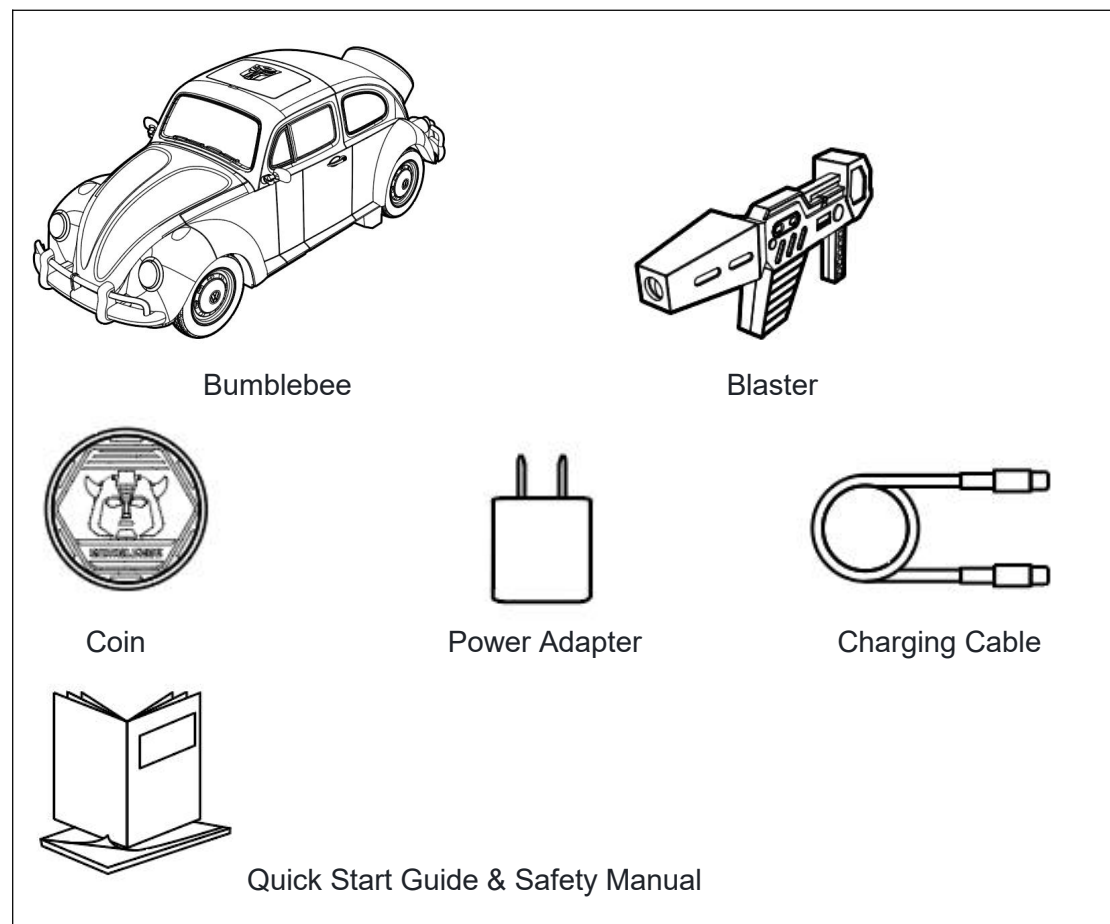
1.6 Battery

The product's accessory contains a button battery. Keep it out of the reach of children and pets. If the battery is swallowed or placed inside any part of the body, it can lead to serious or fatal injuries within 2 hours. Seek medical attention immediately.

1.7 Disposal

This product should not be disposed of with other household waste. Instead, it should be delivered to a designated collection point for recycling. Proper disposal and recycling helps protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where the product was purchased.

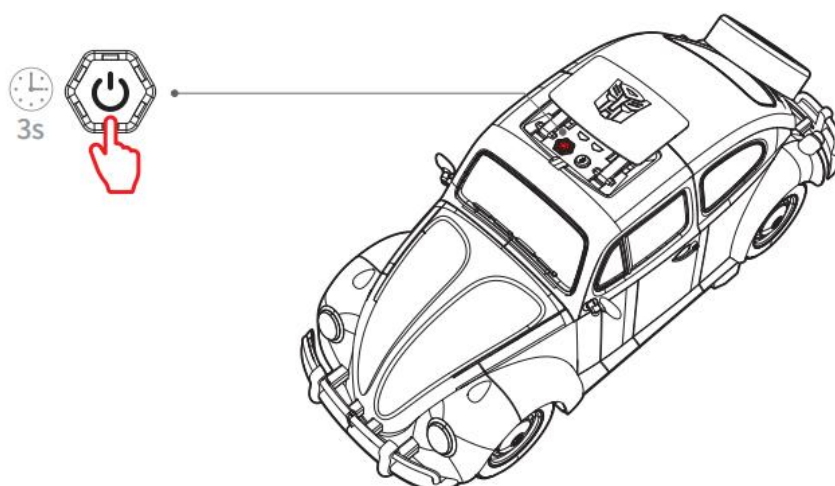
2. What's In the Box



3. Getting Started

3.1 Operating the Robot

3.1.1 Power On/Off

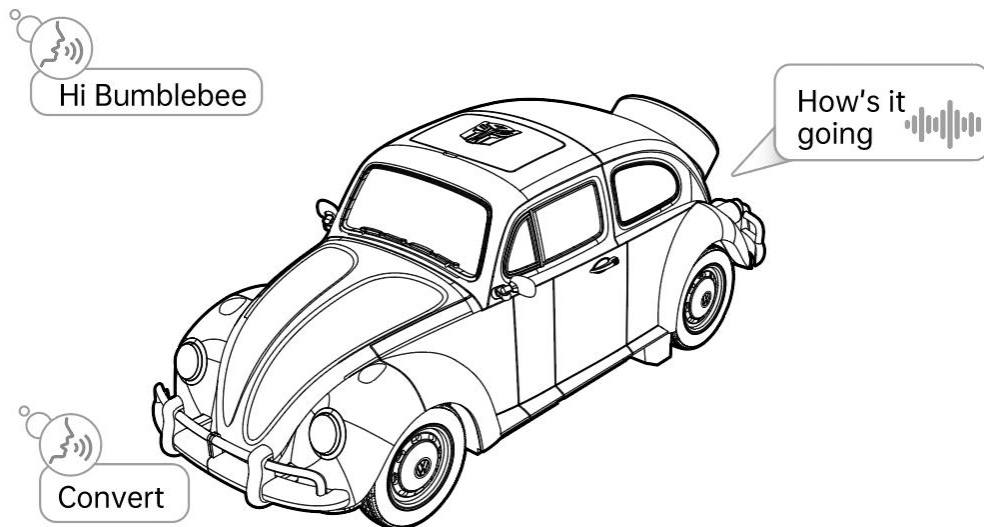


To power on, long press the power button for 3 seconds until the lights turn on and the robot says *"Hiya friend, Bumblebee here"*.

To power off, long press the power button for 3 seconds until the robot says *"See ya later"* and the light turn off.

3.1.2 Wake Up & Convert & Voice Commands

After power on, say "Hi, Bumblebee" to wake up the robot. The robot replies *"How's it going"* to indicate that it has been successfully awakened. Then say "Convert", and it will convert between vehicle and robot form.



After waking up the robot, say any of the following voice commands and the robot will respond and perform corresponding action.

Voice Commands				
Wake-up Words: Hi, Bumblebee & Hi, Bee & Hey, Bumblebee & Hey, Bee & Hey, Autobots				
Action	Convert	Hello	Introduce yourself	What can you do
	Open Fire	Attack	Defense	Retreat
	Victory	Energon	Megatron	Spike
	Autobot	Till all are one	Decepticons	Goldbug
	Dinobot	Friend	Mission	Plan
	Optimus Prime	Merry Christmas	Happy Halloween	Happy Thanksgiving
	Happy Valentine's Day	Happy April Fool's Day	Happy Birthday	Happy Holiday

	Happy New Year			
Movement	Move Forward	Move Backward	Move Left	Move Right
	Turn Left	Turn Right	Turn Around	
Programming	Start Voice Programming	Execute	Cancel	
	Start Easy Programming	Play	Show	Next
System Setting	Turn It Up	Max Volume	Turn It Down	Mute
	Shutdown			
*This list can also be viewed in the app (go to Quick Start Guide → Voice Commands). *Before giving the next voice command, say “Hi, Bumblebee” again to wake up the robot.				

Note:

Without any voice command, the robot will return to the default breathing status after 20 seconds. You will need to say “Hi, Bumblebee” again to wake it up before giving the next voice command.

3.1.3 Voice Programming

After waking up the robot, say “Start Voice Programming” and the robot will reply “*Time to get buzzin*” to indicate that it has entered the voice programming mode.

Then say multiple voice commands in the order you want, and the robot will respond by saying “OK” each time to indicate it has successfully acknowledged the command.

To complete, say “Execute”, and the robot will perform the actions you have programmed.

Note:

1. Say “Cancel” if you want to exit the voice programming mode.
2. If there is no voice command given during programming, the robot will automatically exit the voice programming mode after 30 seconds.

3.1.4 Easy Programming

After waking up the robot, say “Start Easy Programming”. The robot will reply “*All systems go*” and all of joints will relax, indicating that it has entered the easy programming mode.

At this point, you can manipulate the joints to create the desired pose, and press the power button to confirm the pose with a prompt sound, indicating that it has been saved. You can then repeat this process by adjusting the joints again and pressing the power button to save the next pose.

After saving the final pose, wake up the robot again and say “Play”. The robot will perform the actions you have programmed.

Note:

1. Say “Cancel” if you want to exit the easy programming mode.
2. After waking up the robot, say “Show” to play a set of easy programming actions you have created, and say “Next” to play the next set.
3. All easy programming actions are saved in the app, where you can play or delete them.

3.1.5 Modes Introduction

1. Idle Mode

Without any operation (including wakeup, button, or app control) after power on, the robot will enter the idle mode after 3 minutes.

In this mode, the robot will perform 3 standby actions at 3 minutes intervals.

To exit this mode, say “Hi, Bumblebee” to wake up the robot.

2. Silent Mode

After waking up the robot, say “Mute”. The robot will enter the silent mode.

In this mode, the speaker will be turned off. The robot can be awakened by voice and perform voice commands silently.

To exit this mode, say “Turn it Up”, “Max Volume” or operate via the app (go to Settings → Robot → Volume) to turn on the speaker.

3.2 Using the App

3.2.1 Download

Scan the QR code below or search for “Robosen Flagship Bumblebee” from App Store or Google Play to download the app.



* iOS 13 and Android 10 or above are recommended.

* Voice and App functions cannot be used simultaneously.

3.2.2 Connect

1. Power on the robot and long press the Bluetooth button to enable the Bluetooth setting.
2. Enable the Bluetooth setting on your mobile device.
3. Turn on the app and connect the robot following the in-app instructions.

To disconnect:

Operate via the app (Go to Settings → Robot). The robot will say “Aw, *shucks*”.

3.2.3 Explore

Once connected, tap “ACTIONS”, “CREATE”, and “MINI THEATER” in the app to explore more functions of the robot following the in-app instructions.

3.2.4 Feedback

If you have any problems when using the robot or its app, go to Settings in the app to submit your feedback.

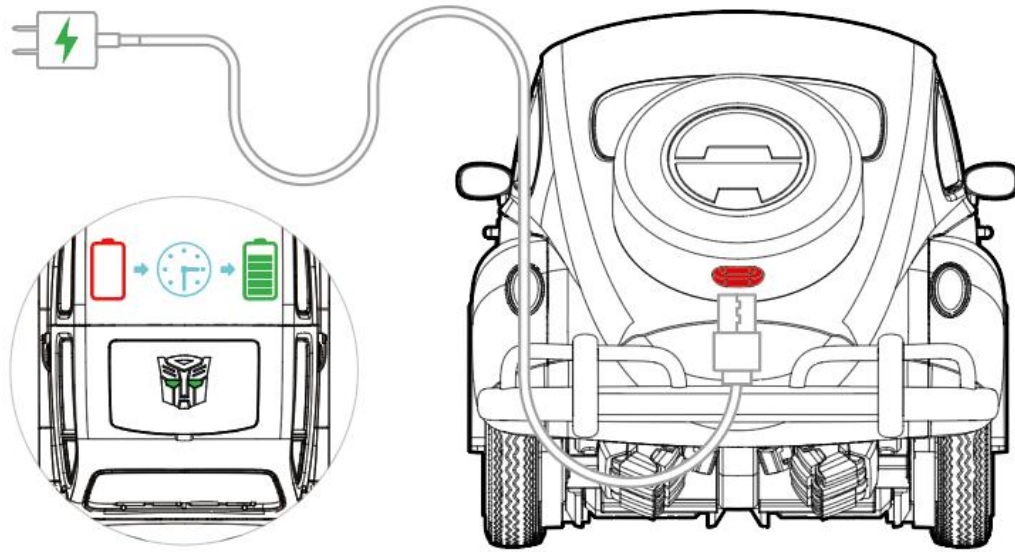
3.3 Charging

3.3.1 Low Battery Reminder

The robot will say “*My energon levels are pretty low, can you help a bot out*” to indicate that it is in low battery. Then it will say “*My energon levels are pretty low*” and shut off automatically. Please charge in time.

3.3.2 How to Charge

Charge the robot with the provided power adapter and charging cable.



Note:

1. DO NOT turn on the robot while charging.
2. DO NOT charge the robot for more than 3 hours.
3. When charging is complete, disconnect the charging cable from the robot and unplug the power adapter.

4. FAQs

Q: The robot does not work?

1. Reboot the robot.
2. Check if the robot is in low battery. If so, charge the robot.

Q: Unable to connect the app with the robot?

1. Make sure the robot is powered on.
2. Make sure the Bluetooth setting is enabled on your mobile device and the robot is placed close to it.
3. Make sure the robot is not connected to any other mobile device.
4. Make sure you have the latest version of the app.

Q: Unable to wake up the robot by voice?

1. Make sure the robot is powered on.
2. Make sure the robot is disconnected from the app. The voice and app control cannot be used simultaneously.

3. Use the robot in a quiet environment and wake it up with the correct voice command words.

Q: The robot does not have any voice?

Check if the robot is in silent mode. If so, wake up the robot and say “Turn it Up” or “Max Volume” or operate via the app to exit this mode.

Q: Unable to charge the robot?

1. Use the original power adapter and charging cable and make sure they are properly connected and well-functioning.
2. Make sure the robot is powered off when charging.

Q: The robot can't stay stable when performing certain actions?

Place the robot on a smooth, level surface before using it.

Q: The robot is saying any joint is stuck or cable is disconnected?

Reboot the robot.

Note: If you still cannot solve the problem after following the above solutions, or if you encounter any other problems, please contact customer service.

5. Specifications

Product Name	Robosen Bumblebee G1 Flagship Robot	
Model	DHFF	
Robot	Size (L x W x H)	367 x 140 x 138 mm / 14.4 x 5.5 x 5.4 inch (Vehicle Form) 377 x 192 x 210 mm / 14.8 x 7.6 x 8.3 inch (Robot Form)
	Net Weight	2.3 kg / 5.1 lb
	Material	ABS, nylon with fibre, PC, rubber, aluminium alloy, POM, PPS, etc.
	Servo Motor	31pcs
	Microchip	67pcs
	Control Method	Voice & App Control

	Battery	11.1V, 2100mAh Li-ion Battery
	Operating & Storage Temperature	32~95°F (0~35°C)
	Charging Interface	Type-C
	Charging Time	Approx. 2 hours
	Working Time	Approx. 1 hour (depends on mode operated)
Power Adapter	Input	100-240V ~ 50/60Hz 0.8A
	Output	5V≡ 3A / 9V≡ 3A / 12V≡ 2.5A / 15V≡ 2A / 20V≡ 1.5A
	Power	Max. 30W
Wireless Connection	Bluetooth	Supported, BLE 5.0, 2400~2483.5MHz, 20dBm