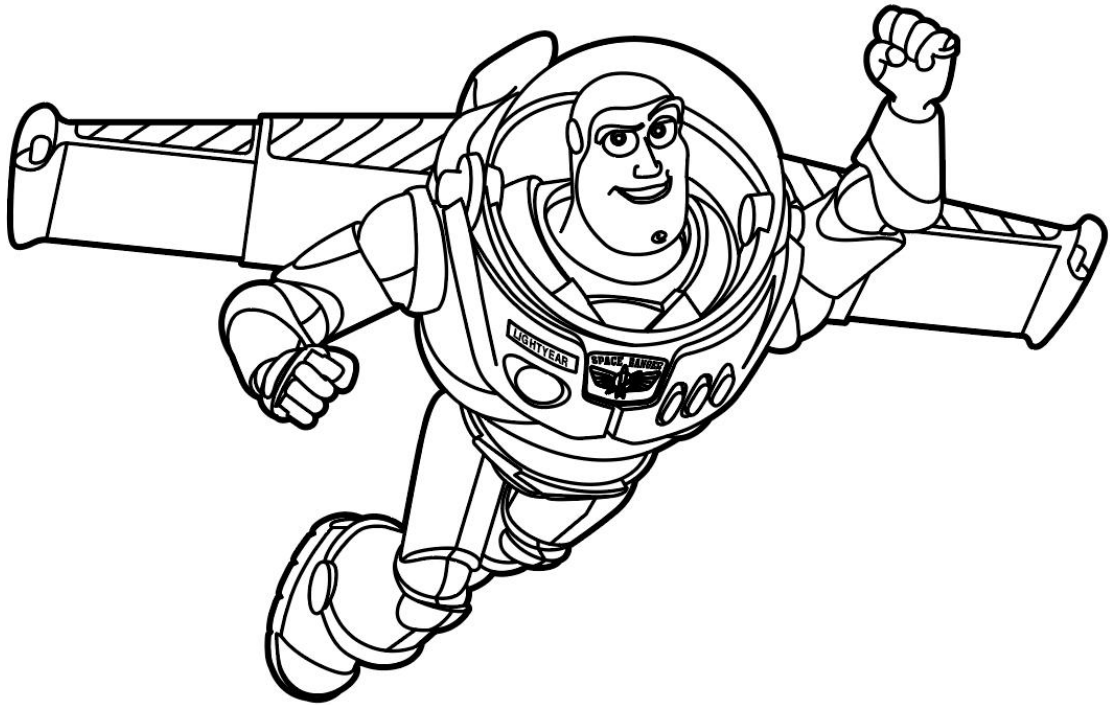


Toy Story Buzz Lightyear

巴斯光年玩具总动员版

User Manual

用户手册



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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 robot in temperatures between 32~95°F (0~35°C). Low or high temperatures may affect the performance and use of the robot.
2. Use the voice control in a quiet environment.
3. DO NOT use the robot 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 robot near flammable materials or on flammable surfaces (carpets, wooden floors, wooden furniture, etc.) or conductive surfaces.

1.4 Usage

1. Before using the robot, carefully inspect all of its parts for any signs of damage. DO NOT use the robot if any part is damaged. Contact customer service for examination and repair.
2. Use the robot on a smooth, level surface, ensuring sufficient clearance and space to prevent the robot from falling or being damaged.
3. Close supervision is necessary when the robot is being used by children to prevent it from falling and causing damage or injury to persons.
4. It is normal for the robot to heat up slightly during use.
5. DO NOT forcibly twist or lift the head of the robot. Handle it with care.
6. DO NOT twist the robot's joints when it is powered on, except in the manual programming mode via the app.
7. DO NOT touch the robot while it is in motion. Beware of pinching!
8. DO NOT immerse the robot in water.
9. Charge the robot 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 robot unless they are supervised.

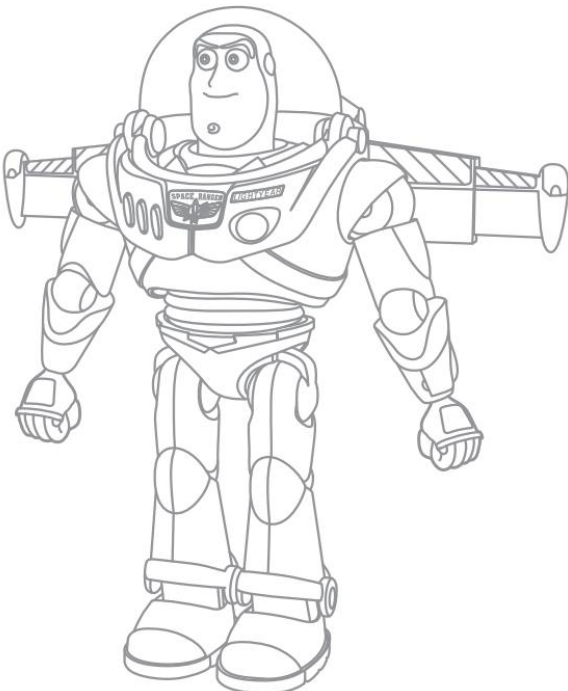
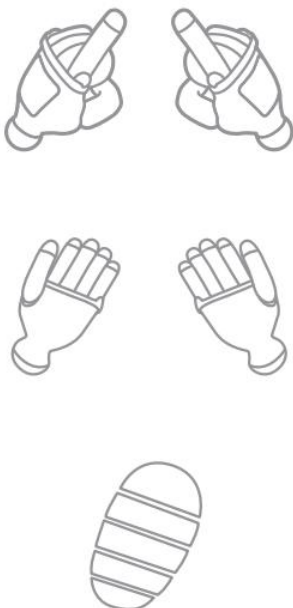
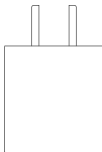
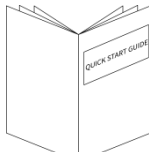
1.5 Care & Maintenance

1. Turn off the robot, 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 robot 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 robot or power adapter.
5. DO NOT place any items on the robot or power adapter.
6. DO NOT expose the robot to direct sunlight or high temperatures. Keep away from open flames, humidity, heat, and/or corrosive gas.
7. DO NOT attempt to disassemble or repair the robot or power adapter or charging cable by yourself. Doing so may cause damage and void the warranty.

1.6 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.

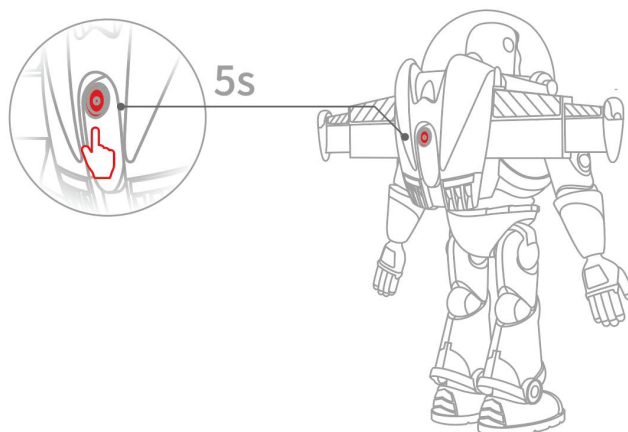
2. What's In the Box

			
Buzz Lightyear	Replacement Accessories		
			
Power Adapter	Charging Cable	Quick Start Guide	Safety Manual

3. Getting Started

3.1 Operating the Robot

3.1.1 Power On/Off



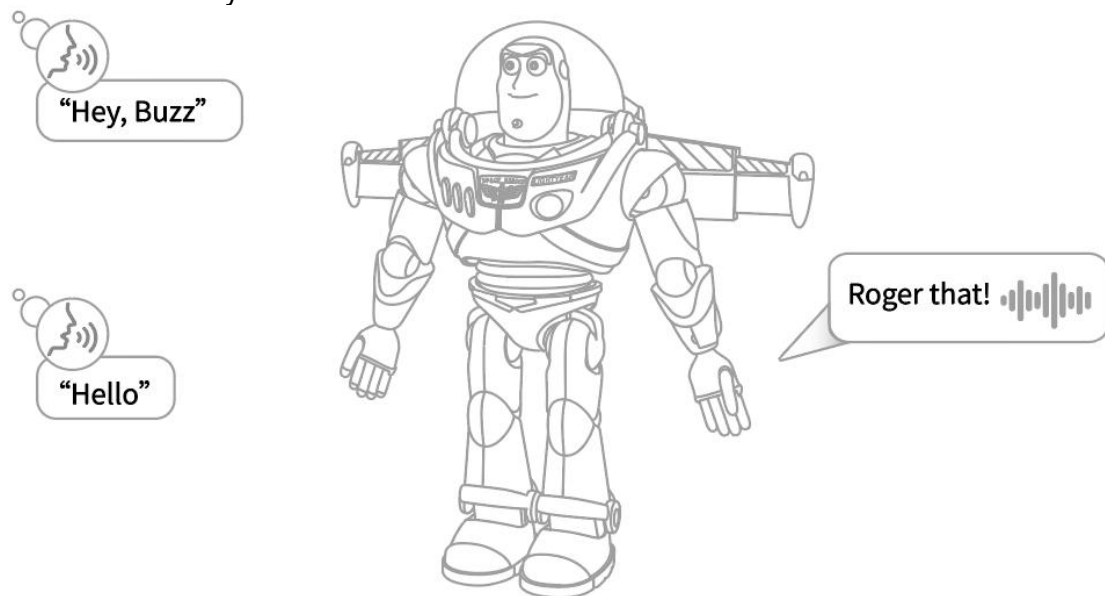
To power on, long press the power button on the back for 5 seconds until the jetpack lights turn on and the robot says "To infinity and beyond".

	Operation	Function	Voice Broadcast
Power Button	Long press	Power on	"To infinity and beyond"
		Power off	"Farewell"
	Short press (after power on)	Turn on microphone	"Excuse me. Excuse me. A little quiet, please. Thank you"
		Turn off microphone	"All right, everyone"

To power off, long press the power button for 5 seconds until the robot says "Farewell" and the lights turn off.

3.1.2 Wake Up & Voice Commands

After power on, say "Hey, Buzz" to wake up the robot. The robot replies "What's wrong" by assuming a listening pose (with its hands on its hips), indicating that it has been successfully awakened.



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

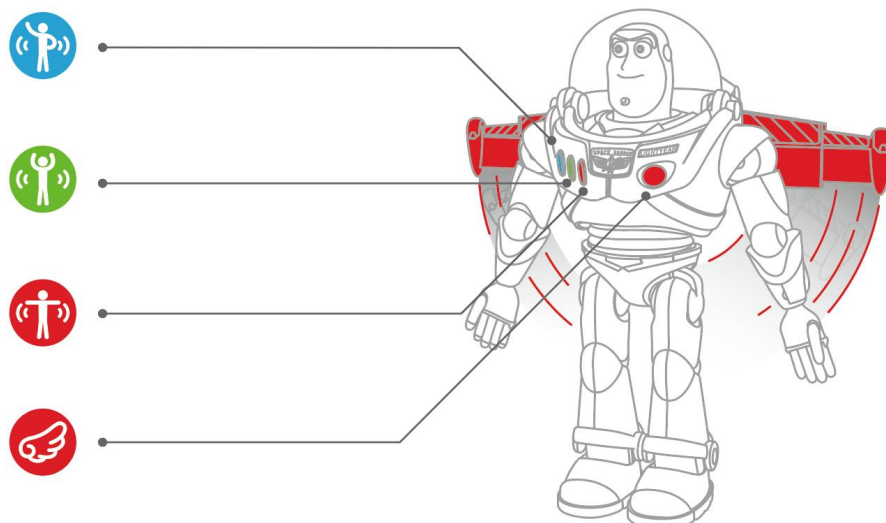
Voice Commands				
Wake-up Words: Hey, Buzz / Hi, Buzz / Hey, Buzz Lightyear / Hi, Buzz Lightyear				
Action	Record mission log	Hello	Introduce yourself	To infinity

	Scan the terrain	Star command	Where are we going	Open fire
	Attack	Dance	What can you do	Are you sure
	Are we alone	Are you ready	What's the mission	I'm not trained
	Give me a challenge	Let's work together	Narrating	Can't hold on
	Too easy	Mission complete	Finish the mission	It's the rookie
	Show			
Movement	Move forward	Move backward	Turn left	Turn right
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). *When the voice action is complete, the robot will return to the 'listening' pose, so you can continue to say another voice command without waking it up.				

Note:

Without any voice command, the robot will return to the default breathing status after 20 seconds. You will need to say "Hey, Buzz" again to wake it up before giving the next voice command.

3.1.3 Buttons Introduction



Chest Buttons	Operation
Blue (Demo Mode)	Short press the button to enter the corresponding mode. Short press again to switch between actions in this mode.
Green (Spanish Mode)	
Red (Left; Inner Voice)	
Red (Right)	Short press to extend/retract the wings.

3.1.4 Modes Introduction

1. Idle Mode

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

In this mode, the robot will perform idle actions (eg. stretching, warming up, etc.) at 3 minute intervals.

To exit this mode, say “Hey, Buzz” to wake up the robot or press its buttons.

2. Sleep Mode

Without any operation (including wakeup, button press, or app control) after power on for 13 minutes, the robot will enter the sleep mode by saying “I'd better take a look anyway”.

In this mode, the robot will crouch down and all the servos will relax to save power.

To exit this mode, say “Hey, Buzz” to wake up the robot or press its buttons.

3. Mic-off Mode

After power on, short press the power button, and the robot will enter the mic-off mode by saying “Excuse me. Excuse me. A little quiet, please. Thank you”.

In this mode, the microphone will be turned off so that the robot cannot be awakened by voice.

To exit this mode, short press the power button again, and the robot will say “All right, everyone”.

4. 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 Toy Story Buzz” from App Store or Google Play to download the app.



* iOS 13 and Android 10 or above are recommended.

* Voice and App Control cannot be used simultaneously.

3.2.2 Connect

1. Power on the robot.
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 “Blast”.

3.2.3 Explore

Once connected, tap “CONTROL”, “ACTIONS”, and “CREATE” 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 Creation

3.3.1 Easy Creation

Open the app and tap “CREATE”, watch the in-app tutorial video to easily program the robot by manually rotating joints and selecting lines.

3.3.2 Advanced Creation

Click on the following link to login to Robosen Studio, a new web-based platform developed by Robosen with a wider range of actions and sounds, and watch the tutorial video for more advanced creation.

Link: <https://studio.robosen.com>

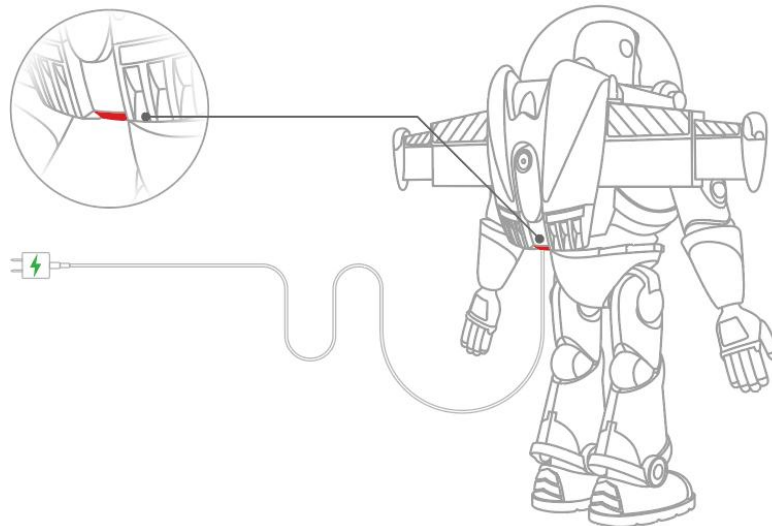
3.4 Charging

3.4.1 Low Battery Reminder

The robot will say “The batteries! They're running out” to indicate that it is in low battery. Then it will say “It's not working. I recharged it before I left. It should be good for hours” and shut off automatically. Please charge in time.

3.4.2 How to Charge

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



Status	Charging Indicator
Charging	Red
Fully charged	Green

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 or return to the homepage in 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 Toy Story Buzz Lightyear Robot	
Model	KTBS	
Robot	Size (L x W x H)	299 x 150 x 372 mm / 11.8 x 5.9 x 14.6 inch
	Net Weight	1.7 kg / 3.7 lb
	Material	ABS, silicone, aluminum alloy, etc
	Servo Motor	23pcs
	Microchip	75pcs
	Control Method	Voice & App Control
	Battery	11.1V, 1900mAh Li-ion Battery
	Operating & Storage Temperature	32~95°F (0~35°C)
	Charging Interface	Type-C
	Charging Time	Approx. 1.5 hours
	Working Time	Approx. 1.4 hours (depends on mode operated)
	OTA Firmware Update	Supported
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	WiFi	Supported, 802.11b/g/n, 2.4G
	Bluetooth	Supported, BLE 5.0, 2400~2483.5MHz, 20dBm

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免责声明

在使用前，请仔细阅读本用户手册，以确保您完全了解本产品并能正确使用。阅读后请将其妥善保管以便日后参考。使用本产品即视为您已理解、承认并接受与之相关的所有条款和条件。乐森在此声明，对于因误用本产品或未遵守本用户手册提供的说明而可能产生的任何伤害或损失不承担任何责任。

由于我们不断地升级和改进我们的产品，您所购买的产品可能与本手册中描述的略有不同。本手册内含所有解释和规格仅供参考。如有必要，对该产品的设计、手册和所有相关文件进行任何修改或更新，恕不另行通知。有关产品的最新信息，请参考乐森官方网站。

1. 重要安全须知

使用前务必仔细阅读所有说明。

1.1 注意

本产品仅供家庭和年满 15 岁以上人群使用。

1.2 警告

本产品内含小零件，可能造成窒息危险。在儿童周围使用时请谨慎注意。

1.3 使用环境须知

1. 请在 0~35°C 的温度下使用和存放机器人。低温或高温可能会影响机器人的性能和使用。
2. 请在安静的环境中使用语音控制功能。
3. 请勿在禁止、危险或公共区域（例如高压电线下、火车站、火车、机场、飞机上等）使用机器人。
4. 请勿在易燃材料附近或易燃表面（地毯、木地板、木制家具等）或导电表面上使用机器人。

1.4 使用安全须知

1. 在使用机器人之前，请仔细检查其所有部件是否有损坏的迹象。如果有任何部件损坏，请不要使用机器人。联系售后进行检查和维修。
2. 请在光滑、平整的表面上使用机器人，确保有足够的间隙和空间，防止机器人摔倒、跌落或损坏。
3. 儿童在使用机器人时，应保证在场有人员看管，以防止机器人跌落，造成机器损坏或人身伤害。
4. 在使用过程中，机器人稍微发热是正常现象。
5. 请勿用力掰动或提拿机器人的头部，小心轻放。
6. 当机器人通电时，除 App 内置手掰编程模式下，请勿掰动机器人关节。
7. 当机器人运动时，请勿触碰。小心夹伤！
8. 请勿将机器人浸入水中。
9. 仅用官方提供的电源适配器和充电线为机器人充电。请勿用于其他设备充电。
10. 请勿使用任何非官方提供的部件。如需更换，请联系售后服务。
11. 除非受到监督，请勿让具有身体、感知或认知能力受限，或缺乏经验和知识的人使用机器人。

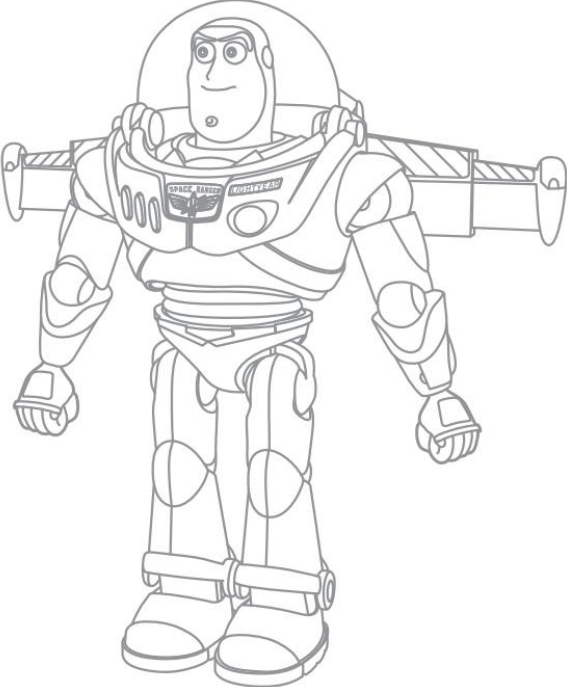
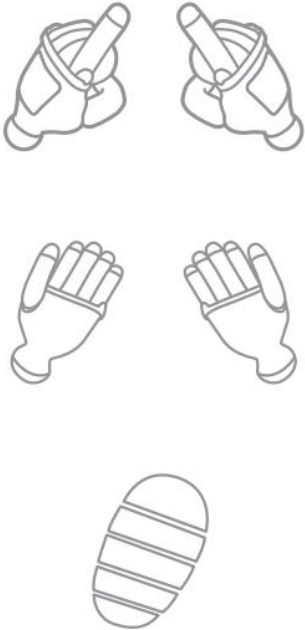
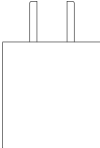
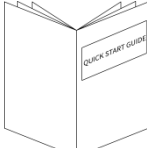
1.5 维修保养

1. 在清洁、存放或运输之前，先关闭机器人，断开电源适配器，并让其完全冷却。
2. 如需清洁，用柔软略湿的布擦拭表面。请勿使用酒精、磨砂剂、溶剂、化学清洁剂或其他刺激性洗涤剂。
3. 将机器人存放在干燥通风处，避免放置在加压容器内。
4. 请勿扔掷、敲打、刺穿、踢或踩踏机器人或电源适配器。
5. 请勿在机器人或电源适配器上放置任何物品。
6. 请勿将机器人暴露在阳光直射或高温环境中。避免靠近明火、潮湿、热源或腐蚀性气体。
7. 请勿自行拆卸或修理机器人、电源适配器或充电线。这样做可能会损坏产品并导致保修条款失效。

1.6 回收处理

本产品不得与其他生活垃圾一起处置，而应送到指定的回收点进行回收。正确的处理和回收有助于保护自然资源、人类健康和环境。如需了解更多关于本产品的处理和回收信息，请与您当地的市政府、废物处理服务机构或您购买此产品的商店联系。

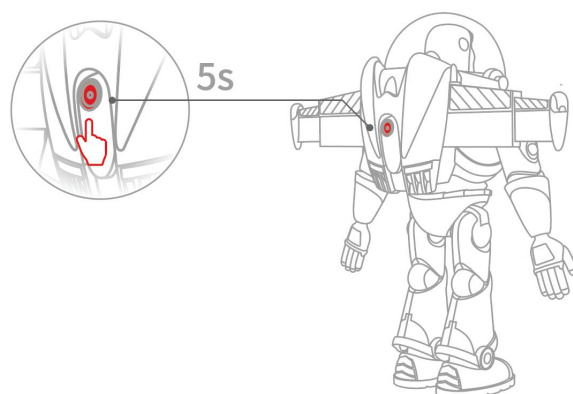
2. 包装清单

			
巴斯光年		替换配件（含替换手，替换脚套）	
			
电源适配器	充电线	快速使用说明	安全手册

3. 开始使用

3.1 操作机器人

3.1.1 开/关机



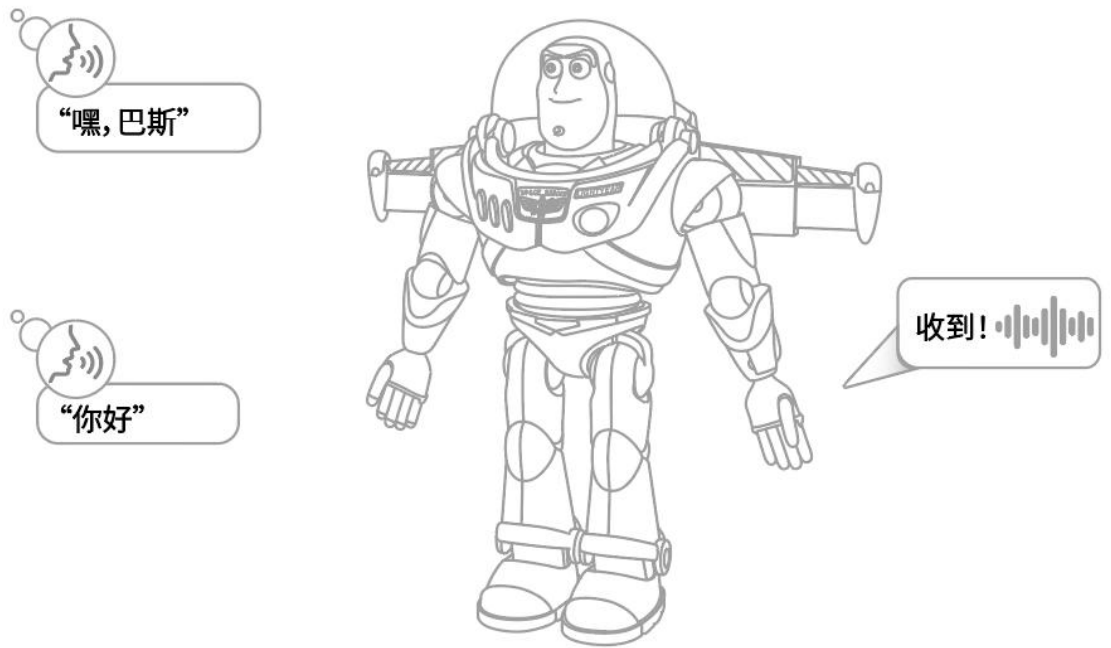
长按机器人背部电源键 5 秒，直至背包灯珠亮起，并听到机器人发出“飞向太空，宇宙无限”语音提示，即可完成开机。

电源键	操作	功能	语音提示
	长按	开机	“飞向太空，宇宙无限”
		关机	“下次再见，拜拜”
	单按	打开麦克风	“信号接收器已进入关闭状态”
		关闭麦克风	“信号接收器已重新启动”
	双按	进入 WIFI 模式	

长按电源键 5 秒，听到机器人发出“下次再见，拜拜”语音提示，灯珠关闭，即可完成关机。

3.1.2 唤醒 & 语音控制

开机后，说“嘿，巴斯”来唤醒机器人。机器人会回复“收到”并摆出双手叉腰姿势，表示它已被成功唤醒。



唤醒机器人后，可说出以下任意语音指令词，机器人就会做出回应并执行相应的动作。

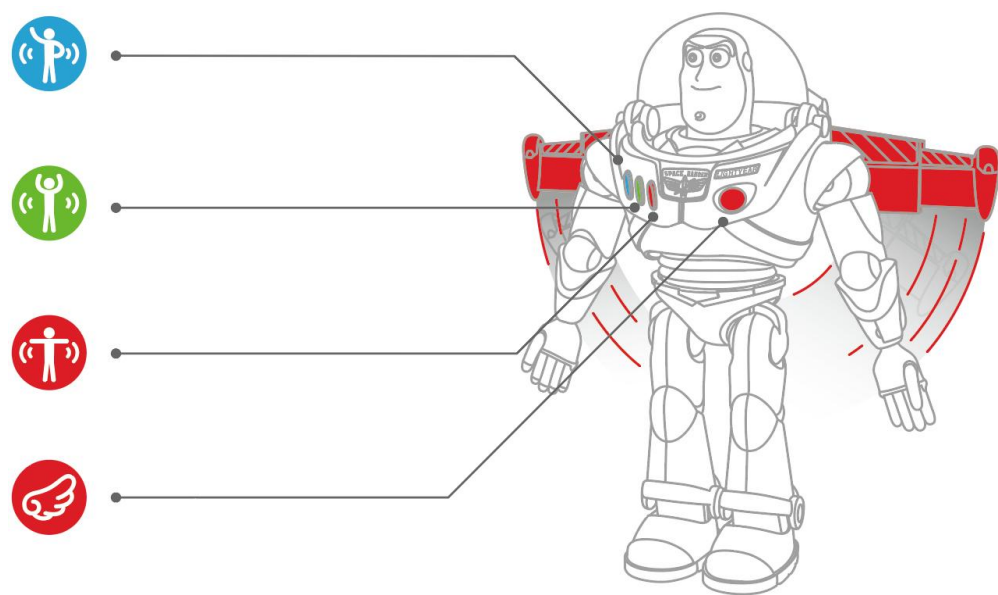
语音指令词				
唤醒词: 嘿，巴斯 / 嗨，巴斯 / 嘿，巴斯光年 / 嗨，巴斯光年				
动作	记录任务日志	你好	自我介绍	To infinity

	扫描地形	星际总部	我们要去哪里	开火
	攻击	跳舞	你会什么	你确定吗
	侦测环境	准备好了吗	我们的使命是	我没受过训练
	给我点挑战	我与你同在	你又自言自语	我坚持不住了
	太简单了	任务完成	我会完成任务的	是个菜鸟
	表演一下			
移动	前进	后退	左转	右转
系统设置	增大音量	声音最大	减小音量	静音
	关机			
*此表也可在 App 中查看（前往 快速指引 → 语音指令词）。 *当机器人执行相应的动作结束后，会继续摆出双手叉腰姿势，此时不用重新唤醒，可直接说出指令词。				

注意：

若唤醒后 20 秒内无任何语音指令，机器人会恢复到默认呼吸状态。此时在执行下一个语音指令前，需要再次说“嘿，巴斯”来重新唤醒机器人。

3.1.3 按键介绍



按键	操作
蓝色竖键（骑警人格）	单按该按键机器人会进入该人格模式，并随机播放该人格任一动作，再次单按切换该人格下一个动作
绿色竖键（西班牙语人格）	
红色竖键（内心声音人格）	
红色圆键	单按打开/关闭背包羽翼

3.1.4 模式介绍

1. 空闲模式

开启机器人后 3 分钟内无任何操作（包括唤醒、按键或 App 操作），机器人将进入空闲模式。

在此模式下，机器人将依次执行空闲动作例如伸懒腰、热身等；动作间隔：3 分钟。

要退出该模式，请说“嘿，巴斯”来唤醒机器人或者点按机器人按键。

2. 休眠模式

开启机器人后 13 分钟内无任何操作（包括唤醒、按键或 App 操作），机器人会说“我有点累了，先休息一下”以表示已进入休眠模式。

在此模式下，机器人将会半蹲，全身舵机处于放松状态，降低机器耗电。

要退出该模式，请说“嘿，巴斯”来唤醒机器人或者点按机器人按键。

3. 禁音模式

开机后，单按电源键进入禁音模式，机器人会说“信号接收器已进入关闭状态”以表示已进入该模式。

在此模式下，麦克风被关闭，因此机器人不能被语音唤醒。

要退出该模式，再次单按电源键。机器人会说“信号接收器已重新启动”以表示已退出该模式。

4. 静音模式

唤醒机器人后，对机器人说“静音”，机器人会进入静音模式。

在此模式下，扬声器关闭，机器人能被语音唤醒，并会无声执行所有语音指令。

要退出该模式，请说“增大音量”或“声音最大”，或者通过 App 操作（前往 设置 → 机器人 → 音量）打开扬声器。

3.2 App 使用

3.2.1 “乐森玩具总动员巴斯” App

1. 下载

扫描下方二维码或在应用商店中搜索“乐森玩具总动员巴斯”来下载 App，通过该 App 可连接控制机器人进入沉浸式体验。



* 需要 iOS 13 或 Android 10 以上版本。

* 语音控制和 App 控制不可同时使用。

2. 连接

1. 开启机器人
2. 开启移动设备的蓝牙设置
3. 打开 App, 按 App 提示连接机器人

断开连接：

在 App 内断开（前往 设置 → 机器人），机器人会说“糟糕，通讯中断了”。

3. 探索

连接后，点击 App 中的“蓝牙控制”、“动作中心”和“自由编程”模块并按照里面的提示操作来探索机器人的更多功能。

4. 反馈

如果您在使用机器人或其 App 时遇到任何问题，可前往应用设置提交您的反馈。

3.2.2 “Robosen AI” App

1. 下载

扫描下方二维码或在应用商店中搜索“Robosen AI”来下载 App，通过该 App 可升级机器人固件激活机器人 WiFi 模式，体验更加多元玩法。



* 需要 iOS 13 或 Android 10 以上版本。

* 新用户需根据应用提示注册账号使用。

2. 连接

1. 开启机器人
2. 开启移动设备的蓝牙设置
3. 打开 App, 在 App 主页上点击“添加主设备”根据提示连接机器人，并为机器人配置 WiFi

3. 固件升级

WiFi 配置完成后，在设备页面点击右上角设置，下滑至底部点击“固件升级”。固件升级成功后，机器人将获取 WiFi 模式的玩法体验，进行进一步互动。

固件升级成功后，无需连接 App，双按机器人背部电源键，即可自由切换蓝牙模式和 WiFi 模式。

3.3 机器人编程

3.3.1 App 编程

进入“乐森玩具总动员巴斯”App，点击“自由编程”进入界面，亦可观看里面附带视频教程，根据视频指示对机器人进行编程。

3.3.2 乐森工坊编程

乐森工坊是乐森自研的内容创作平台，内含丰富的动作和音频，通过下面链接可进入创作平台，观看里面附带视频教程进行更加高级创作。

链接：<https://studio.robosen.cn>

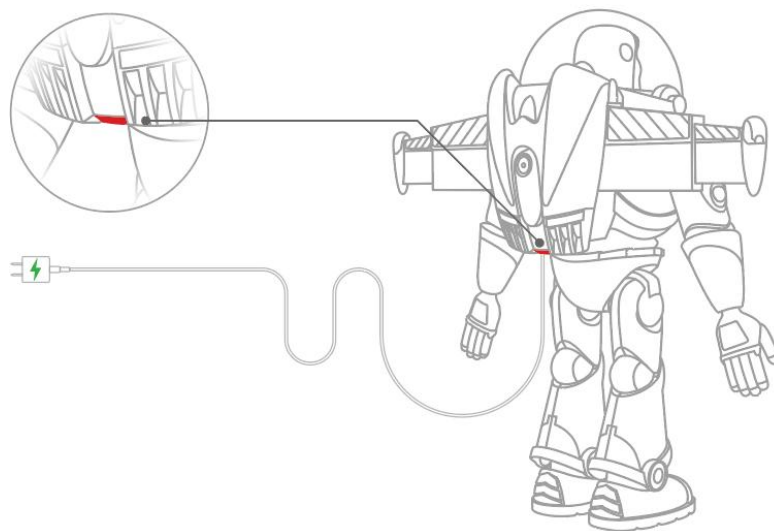
3.4 充电

3.4.1 低电量提醒

当机器人低电量时，会说“呼叫星际总部，能量即将耗尽”。当机器人说“呼叫星际总部，能量已经耗尽！是时候充电了”后，它会自动关机，请尽快充电。

3.4.2 如何充电

用附带的电源适配器和充电线给机器人充电。



状态	充电指示灯
充电中	红色
充电完毕	绿色

注意：

1. 充电时请勿开启使用机器人。
2. 充电时间不要超过 3 小时。
3. 充电完成后，及时拔掉充电线和电源适配器。

4. 疑难解答

Q: 机器人无法正常运行？

1. 重启机器人。
2. 检查机器人是否电量不足。如果是，给机器人充电。

Q: 机器人无法连接 App？

1. 确保机器人已经开启。
2. 确保移动设备已开启蓝牙连接设置，并将移动设备放在机器人附近。
3. 确保机器人没有连接其他移动设备。
4. 确保 App 是最新版本。

Q: 无法语音唤醒机器人？

1. 确保机器人已经开启。
2. 确保机器人与 App 断开连接或回到 App 首页。语音控制和 App 控制不能同时使用。
3. 在安静的环境中使用机器人，用正确的语音指令词唤醒机器人。

Q: 机器人没声音？

检查机器人是否处于静音模式。如果是，通过语音控制“增大音量”或“声音最大”或通过 App 操作退出该模式。

Q: 无法给机器人充电？

1. 请确保使用原装电源适配器和充电线，确保它们已正确连接，并且可以正常使用。
2. 充电时确保机器人已关机。

Q: 机器人做某些动作时无法保持平稳？

确保将机器人放置在光滑、平整的表面上再使用。

Q: 机器人播报关节卡住或连接线脱落？

重启机器人。

注意：如果按上述办法仍不能解决问题，或遇到其他问题，请联系售后服务。

5. 规格参数

产品名称	乐森巴斯光年机器人玩具总动员版	
型号	KTBS	
机器人	尺寸（长 x 宽 x 高）	299 x 150 x 372 mm
	净重	1.7 kg
	材质	ABS、硅胶、铝合金等
	伺服舵机	23 个
	芯片	75 颗
	控制方式	语音控制 & App 控制
	电池	11.1V, 1900mAh 锂电池
	环境使用 & 储存温度	0~35°C
	充电接口	Type-C
	充电时间	约 1.5 小时
	续航时间	约 1.4 小时 (因操作模式而异)
	OTA 固件升级	支持
电源适配器	输入	100-240V ~ 50/60Hz 0.8A
	输出	5V $\overline{=}$ 3A / 9V $\overline{=}$ 3A / 12V $\overline{=}$ 2.5A / 15V $\overline{=}$ 2A / 20V $\overline{=}$ 1.5A
	功率	最高 30W
无线连接	WiFi	支持, 802.11b/g/n, 2.4G
	蓝牙	支持, BLE 5.0, 2400~2483.5MHz, 20dBm