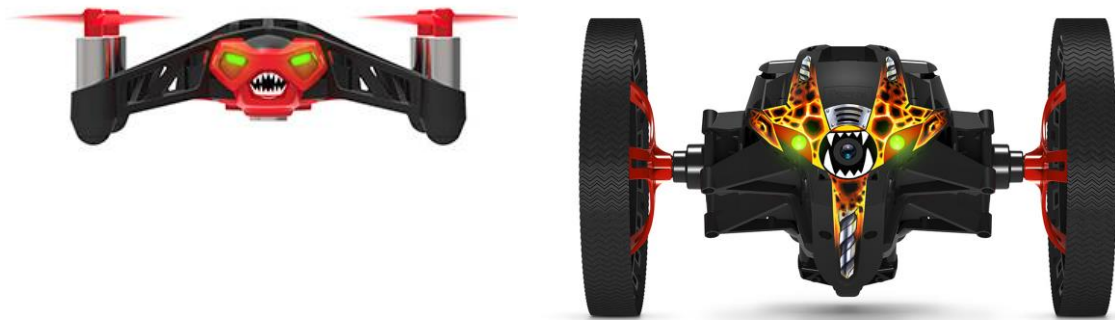


Parrot MINIDRONES

Rolling Spider & Jumping Sumo,
The new generation of connected toys!



With Rolling Spider and Jumping Sumo, Parrot gives rise to the **MiniDrones**, ultra-technologic and very playful connected robots piloted with a Smartphone or a tablet via the free **FreeFlight 3** application.

- **Parrot Rolling Spider:** an ultra-compact flying drone with impressive agility. It flies indoor and outdoor with great speed and stability. It rips through the air, flips and thanks to its removable wheels, rolls from floor to ceiling.
- **Parrot Jumping Sumo:** a responsive rover with strong personality which rolls, rushes, zigzags, circles, takes turns at 90° and which, in a flash, jumps up to 80cm in height and length! Thanks to its embedded camera, it immerses you in the center of the adventure.

With Parrot MiniDrones 'Rolling Spider' and 'Jumping Sumo' everything around you becomes an excuse to play and the world transforms into a giant playground.

Races, slaloms and acrobatics in the air or on the ground, jumping obstacles, sharing of records and challenges on Cloud Parrot... or for the pleasure of seeing them evolve, **Parrot MiniDrones** shakes up the codes of the world of the toy and plunges it in the new era of drones.

Parrot

MINIDRONES

ROLLING SPIDER

Parrot Rolling Spider: mini drone, mega sensations!

The stability of larger drones...



Ultra-compact, hyper light (55gr) and very robust with its polyamide structure, the **Parrot Rolling Spider** is a flying drone comfortable both indoors and outdoors.

It is piloted in Bluetooth Smart* via the free **FreeFlight 3** application for iOS and Android Smartphones and tablets, and for Windows 8.1 and Windows Phone 8.1.

Like a flying acrobat, its engines push their power to do high speed flights and flips with astonishing agility.

Flying is nice... Rolling is good too!

The **Parrot Rolling Spider** can be equipped with two ultra light wheels held by an axis in carbon fiber (10gr).

Once the wheels are fixed on its back, the **Rolling Spider** races on the ground like a racing car and can, like a spider, climb along the wall and continue its run on the ceiling.

Don't believe its wheels impact the agility of the **Rolling Spider**: it can throw itself into the air with the same speed and flip.



An ace of acrobatics, on the ground and in the air



The **Parrot Rolling Spider** does high-speed flights: it rushes, turns right, turns left, performs front, back and side flips with amazing fluidity and stability, and follows commands from the pilot.

The pilot 'swipes' the screen from top to bottom and the **Rolling Spider** turns 180° in a flash.

The **Parrot Rolling Spider** is on the alert even when its engines are off. Throw the minidrone and its sensors detect it instantaneously: its engines start automatically and it stabilizes in the air, awaiting your instructions.

A vertical camera (60fps), positioned under its fuselage, helps it stabilize during flights. It also enables the **Rolling Spider** to take snapshots, which are recorded on the 1 Gb Flash memory. The snapshots can then be transferred on a computer via the embedded micro-USB connector, and shared via the 'Pilot Academy'.

*Tech info: Bluetooth Smart (4.0): This wireless norma of communication provides considerably reduced power consumption when date are exchanged and offers great ease of use. The connection between the piloting Smartphone/tablet and the **Parrot Rolling Spider** is automatic. No need to search for a peripheral, no need for a code. A childish game and a reach up to 20 meter outdoor!*

Kid-friendly piloting...

Thanks to its numerous sensors and its autopilot, the **Parrot Rolling Spider** is extremely easy to pilot via the **FreeFlight 3** application, downloadable for free on iOS and Android platforms and on Windows 8.1 and Windows Phone 8.1.



Like a well-trained pet, this connected flying robot takes your orders.

Push the 'take off' button: its engines start; it takes-off and stabilizes while awaiting your indications.

You tilt the Smartphone or tablet on the right or on the left and the **Rolling Spider** mimics your movements.

Swipe on the right and the Rolling Spider turns 90° in a flash.

Game over? Push the "landing" button and the automatic landing procedure starts.

Also, **FreeFlight 3** application enables the **Rolling Spider** to connect to Parrot Cloud in order to share records with the other pilots.

Small, but full of sensors!

A worthy heir of Parrot consumer drones, the **Parrot Rolling Spider** has remarkable flight stability. It utilizes technologies usually dedicated to larger drones:

- A **3-axis accelerometer** & a **3-axis gyroscope** measure and analyze each movement or inclination of the drone and, thanks to the autopilot, rectify the position of the **Rolling Spider**;
- The **vertical camera** (also used for snapshots) compares, every 16 milliseconds, an image of the ground to the previous one to determine the speed of the **Rolling Spider**;
- An **ultrasound** analyses the flight altitude up to 4 meters. Beyond, a **pressure sensor** controls the drone in altitude.

Three colors, 12 moods

The **Parrot Rolling Spider** is available in red, blue and white with, as a bonus, a set of 12 self-sticking "mouths" to be positioned under its nose in order for the **Rolling Spider** not to look like another one and to express its mood of the day.



Light, robust, fast, the Parrot Rolling Spider is also very safe: its engines stop when there is a contact with the propellers.

The **Parrot Rolling Spider** works with a rechargeable battery Lithium Polymer 550 mAH (compatible with Parrot Jumping Sumo)

- Battery life: 8 minutes
- Piloting application: **FreeFlight 3** for iOS and Android Smartphone and tablets, and available in September on Windows 8.1 and Windows Phone 8.1
- Introduction video: click [here](#)



Availability: August 2014 - MSRP: US\$ 99,99

Available at Apple, Best Buy, Sprint and Verizon.



#parrotminidrones #parrotrollingspider

Parrot MINIDRONES

JUMPING SUMO

Parrot Jumping Sumo: make the world a playing field!

A life-size arcade game



The **Parrot Jumping Sumo** is a new kind of connected robot with a strong personality. With it, each element of your surroundings becomes a challenge.

It is as speedy, responsive and maneuverable as a racing car.

The Jumping Sumo runs full-speed (2m/s) inside the house, takes 90° curves and weaves in and out everywhere.

It can also perform a 180° in a flash. The **Jumping Sumo** displays a technical prowess unique in the world of toys.

Its **two big retractable wheels** ensure perfect road holding and adapt to all driving styles. The wheels open for greater stability in high-speed and re-tract in 'compact' mode to enhance agility and drive through narrow areas.

The **Parrot Jumping Sumo** is piloted in Wi-Fi 2.4 or 5 Ghz via the free **FreeFlight 3** application for iOS and Android Smartphones or tablets, and for Windows 8.1 and Windows Phone 8.1.

The tumbler robot that nothing can stop

Jump on a chair? On a table? Jump into your arms? Avoid an obstacle? No problem, the **Parrot Jumping Sumo** obeys and always lands on its wheels!

Numerous movements and acrobatics are directly available, without the need for training, from the **FreeFlight 3** piloting application:

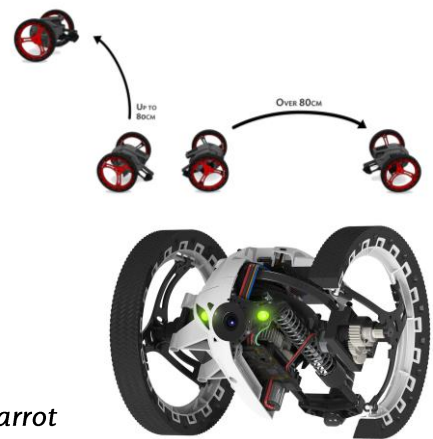
- Spinning around and link a jump.
- Roll upside down.
- Beat time.
- Push or hit an object.

And thanks to a patented spring-mounted system, the **Parrot Jumping Sumo** jumps up to 80cm high and long.

Your entire environment becomes a field of play. Everything is an excuse for entertainment and challenges.

A 'road plan' enables you to program a course and actions. Once entered in the application, the itinerary appears amongst the pre-defined movements of the **Jumping Sumo**. You just have to click on the new icon to see the **Jumping Sumo** evolve autonomously.

Also, the **FreeFlight 3** application enables the **Jumping Sumo** to connect to Parrot Cloud in order to share records with the other pilots.



Techno info: Wi-Fi 2,4 or 5GHz? The Parrot Jumping Sumo is equipped with 4 Wi-Fi antennas so it can manage the 2.4 GHz and 5 GHz frequencies in MIMO (Multiple Inputs Multiple Outputs) format. Depending on network interference, the pilot can select the frequency of his choice and benefit from larger reach.

The world in immersive view



The **Parrot Jumping Sumo** is equipped with a wide angle camera that streams live immersive views on the screen of the piloting Smartphone or tablet.

You discover the world at the height of the **Jumping Sumo** and explore areas that were inaccessible until now.

It can also take pictures and videos which are stored on a micro-USB stick formerly plugged on the robot.

The connected robot that expresses its emotions

The **Parrot Jumping Sumo** is a robot like no other. It expresses its emotions.

When everything is fine and when it is ready to play, its eyes shine green.

A problem? An 'irritation'? They turn red.

The **Parrot Jumping Sumo** also makes "noises" each time it is engaged, when it falls correctly on its wheels or when it is in an 'uncomfortable' position.

Pet its head, pat its body and it reacts to make you understand its affection for you.

The **Parrot Jumping Sumo** is available in three 3 versions: black & red, white & black and khaki & yellow. It can be personalized thanks to a set of three stickers to change its style or mood:



The Parrot Rolling Spider works with a rechargeable battery Lithium Polymer 550 mAH (compatible with Parrot Rolling Spider)

– Battery life: 20 minutes

– Piloting application: FreeFlight 3 for iOS and Android Smartphone and tablets, and available in September on Windows 8.1 and Windows Phone 8.1

– Introduction video: click [here](#)



Availability: August 2014 - MSRP: US\$ 159, 99

Available at Apple, Best Buy, Sprint and Verizon.



#parrotminidrones #parrotjumpingsumo

ABOUT PARROT

Founded in 1994 by Henri Seydoux, Parrot creates, develops and markets advanced consumer technology products for Smartphones and tablets

Parrot also offers the most extensive range of hands-free communication systems on the market for cars. Its globally recognised expertise in the fields of mobile connectivity and multimedia around Smartphones has positioned Parrot as a key player of in-car infotainment.

Additionally, Parrot designs high-end wireless multimedia products dedicated to sound, and explores new possibilities with Bluetooth Smart technologies.

Finally, Parrot is expanding on the UAV market with the Parrot AR.Drone, the first quadricopter piloted via Wi-Fi and also with new solutions to address the UAV market for professional use.

Parrot, headquartered in Paris, currently employs more than 850 people worldwide and generates the majority of its sales overseas.

Parrot is listed on Euronext Paris since 2006. (FR0004038263 – PARRO). For more information: www.parrot.com

CONTACTS

Investors, analysts and financial media

Marie Calleux - T. : +33(0) 1 48 03 60 60

parrot@calyptus.net

Technology and consumer media

Vanessa Loury - T. : +33(0) 1 48 03 60 60

vanessa.loury@parrot.com