Loona Premium Interactive Robot

Model: 99902CK00017

Manufacturer: LOONA

EAN: 6975062110858

Product Code: 1696917

R10,757

Loona Premium Interactive Robot

Loona Premium is an interactive robot that combines the functions of a smart companion and a modern educational toy. The device responds to gestures, voice commands, and the presence of household members; it can recognize faces and remember users. What’s more, it moves around the home on its own thanks to an obstacle detection and route planning system. This makes using Loona feel more natural, and every interaction becomes an engaging form of fun for the whole family.

Natural Communication and Quick Response

Loona was designed to make interaction with it as intuitive as possible. The robot recognizes gestures and body language, so it can respond to simple user cues without the need for complex commands. Additionally, it can locate the source of a sound, so when someone speaks to it, it turns toward the voice and responds to the interaction. This makes playing with the robot more dynamic and feels like interacting with a small electronic pet.

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Face recognition and remembering family members

The robot is equipped with a face recognition feature, allowing Loona to identify family members and remember their preferences. Over time, it begins to respond in a more personalized way. This solution works well in homes where multiple people use the robot, as the device can distinguish between users and tailor its responses to specific individuals.

Safe navigation around the home

Loona navigates the home using a system of sensors that detect obstacles, movement, and changes in the environment. The robot analyzes the space, avoids furniture and other objects, and chooses the most efficient path. Over time, it learns the layout of the rooms and plans its routes more effectively, allowing it to move more smoothly and safely even in changing environments.

High-performance components and modern technology

The robot features a built-in 5 TOPS computing system supported by a 100 MHz Cortex M4 coprocessor and a 360 MHz dual-core DSP audio processor with a HiFi Audio engine. This configuration enables fast command processing, efficient recognition of faces, gestures, and sounds, and smooth system operation. The robot also features 2 GB of LPDDR4 RAM and 8 GB of eMMC storage, ensuring stable operation of interactive functions.

Compact design and ease of use

Loona Premium has a compact design (210 × 172 × 172 mm) and weighs 1.1 kg, making it well-suited for home use and allowing it to move easily across the floor. Its small size means the robot doesn’t take up much space and easily fits into your home. The built-in 1350 mAh lithium-ion battery allows you to use the device without connecting it to a power source, which increases the freedom of play and daily interaction.

Included

- interactive robot
- USB-A to USB-C charging cable

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- user manual

Name	Loona
Product code	99902CK00017
Dimensions	210 × 172 × 172 mm
Weight	1.1 kg
Processor (CPU)	Quad-core Cortex-A53 up to 1.5 GHz, 5 TOPS BPU
Coprocessor	Cortex M4, 100 MHz
Audio processor	Dual-core 360 MHz DSP, HiFi Audio engine
Wi-Fi connectivity	Dual-band Wi-Fi 2.4 GHz / 5 GHz, 802.11 a/b/g/n standard
Memory	2 GB LPDDR4 RAM, 8 GB eMMC 5.0 internal storage
Display	2.4" LCD
Camera	720p RGB camera
Sensors	3D ToF sensor, touch sensor, 3-axis accelerometer, 3-axis gyroscope
Microphones	4-microphone array
Drive	2 brushless DC motors with external rotor (wheels), 4 brushed DC servo motors (body and ears)
Speaker	2 W
Power	1350 mAh lithium-ion battery, 11.1 V
Charging	USB-C port

GPSR Link: https://psr-assets.innpro.pl/toys/sg_toys_educational_and_interactive.pdf, Gross weight: 2890, Net weight: 1120, Box length: 32,50, Box width: 27,00, Box height: 29,00, Information about data generation: https://dataact.innpro.pl/loona/6975062110858, PPWR: https://ppwr.innpro.pl/loona

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