NASHENBOT

PRODUCT BROCHURE

K–12 AI & Robotics Educational Robot

For Youth Ages 5–18

Schools & Training Centers
Global Competitions & Exchange
Kindergarten to Senior Middle School



2027 Edition

CONNECT WITH NASHENBOT

Website: www.nashenbot.com
Email: info@nashenbot.com

LEARN MORE

Nashenbot — Global AI & Educational Robotics Solution Provider.

K-12 ROBOTICS PRODUCT SYSTEM

From First Discovery to Future Innovation

NASHENBOT

AI Educational Robot
--- for STEAM and AI Education

ADVANCING SKILLS

AGE **9-18**
Advanced Learning

AISTEAM Series

AI + Robot + Maker 3 in 1

Basic Kit: AISTEAM 203S
Course Kit: AISTEAM 101S
Contest Kit: AISTEAM 205S



AGE **6-12**
Logical Thinking

MPBOT S Series

Micro-brain and PC Programming Robot

Course Kit: MPBOT S1
Contest Kit: MPBOT S2



AGE **5-8**
Hands-On Exploration

MPBOT Big Block

Micro-brain programming robot for kids aged 5-8

Standard Kit: MPBOT 609
Expansion Kit S
Expansion Kit D



GROWING MINDS

THINK Critical thinking & problem solving

CODE From blocks to real code

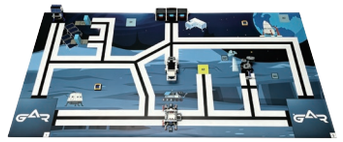
BUILD Engineering & testing skills

CREATE Innovate today lead tomorrow



GAR 2027 Theme

Space Technology: Lunar Exploration

GAR Version B	GAR Version A	GAR Invention
 Contest Map	 Contest Map	 Build Theme

GAR Version B Recommended Robot:
- Kindergarten Group | MPBOT 609
- Primary School Group (Grades 1-3) | MPBOT S1 / MPBOT S2

GAR Version A Recommended Robot:
- Primary School Group (Grades 4-6) | AISTEAM 101S / AISTEAM 205S
- Junior Middle School Group | AISTEAM 101S / AISTEAM 205S
- Senior Middle School Group | AISTEAM 101S + AI Camera / AISTEAM 205S

GAR Invention Recommended Robot:
- Primary School Group | MPBOT S1 / MPBOT S2
- Junior Middle School Group | AISTEAM 101S / AISTEAM 205S
- Senior Middle School Group | AISTEAM 101S + AI Camera / AISTEAM 205S

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MPBOT 609

Micro-brain Programming Robot for Kids Aged 5-8



Learn More!

GAR Global Artificial Intelligence Robot Contest

Trusted in Robot Contests

MPBOT 609 empowers kindergarten children to build, code, and learn playfully on the GAR stage.

Multinational Exchange Program

· MPBOT 609 brings hands-on robotics collaboration to global students, perfect for cross-cultural exchange programs.






Application Scenarios

Early Childhood Education




· MPBOT 609 brings screen-free coding to young learners, ideal for kindergartens and Early Learning Centers.

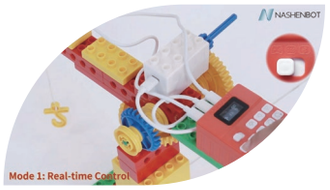
Family Robotics Challenge

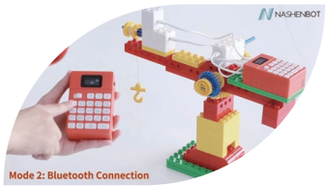



· MPBOT 609 offers competition-ready robotics for young learners in the GAR Kindergarten Family Robotics Challenge.

Programming platform

- The controller supports three programming modes: Real-time Control, Bluetooth Connection, and Key Screen Programming.

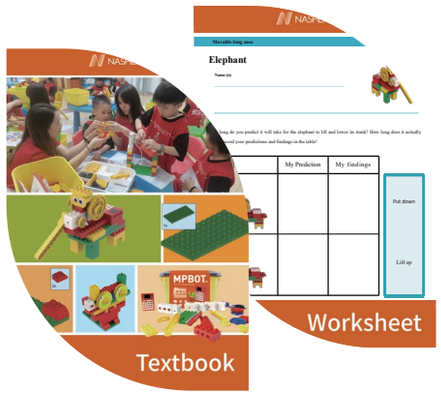


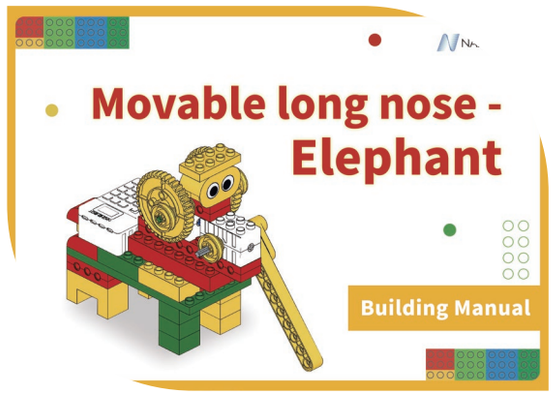




Curriculum System

- More than 48 lessons including teachers' textbook, students' worksheet and project building manual.





Creative Building





- Big blocks, easy to build, unlock endless creativity for children.

Main Products



MPBOT 609
Standard kit



MPBOT Expansion Pack S
Main expansion pack



MPBOT Expansion Pack D
Additional expansion pack

Compatible with existing building block systems like Lego® Early Simple Machines Set 9656.

NASHENBOT



MPBOT S1/2

Micro-brain & PC Programming Robot for Kids Aged 6-12

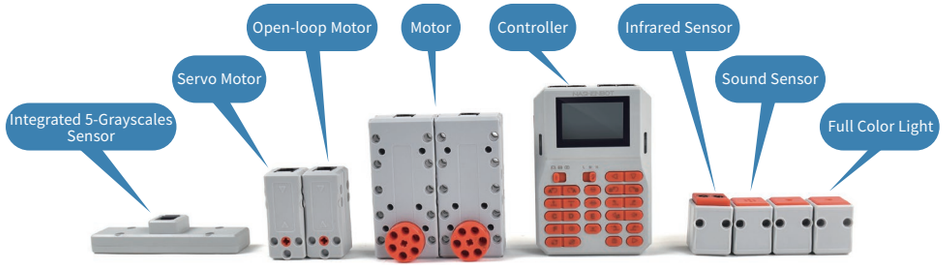
GAR Global Artificial Intelligence Robot Contest

Trusted in Robot Contests

MPBOT S Series empowers young innovators to build, code, and compete with confidence on the global GAR stage.

Core Features

· Rich selection of programming buttons, sensors, and electronic components for diverse building and coding applications.





Line Tracking

The robot detects colors with a grayscale sensor for line tracking and supports one-key black/white calibration.



Sound Detection

The robot detects sound intensity through its sensor and executes programmed tasks based on input.



Voice Recording

The robot controller features integrated voice recording and playback functionality for seamless audio interaction.



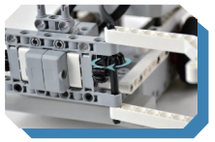
Five-Color Lights

Red, green, white, blue, and yellow with simple on/off control for clear visual feedback.



Precise Timing

Short press sets 1–9 seconds or unlimited; long press sets 0.1–9.9 seconds in advanced mode.



Multi-Angle Control

Servo adjusts rotation from -90° to 90° for precise and efficient movement control.



Obstacle Avoidance

The robot detects obstacles via infrared sensor and responds accordingly based on program instructions.

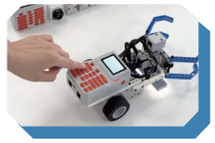


Power Options

High, medium, and low speed settings with forward/reverse motor control for flexible robot movement.

Three Control Modes

Real-time Control



Key Screen Programming



Bluetooth Connection



Two-Platform Programming

- MPBOT S series supports both micro-brain key-screen programming and PC-based blocks/Python programming.



Alcode



Controller

Curriculum System

- More than 64 lessons including teachers' textbook, students' worksheet and project building manual.





Creative Building







- Unlock creativity through hands-on building and exploration.

Main Products



MPBOT S1
Course kit



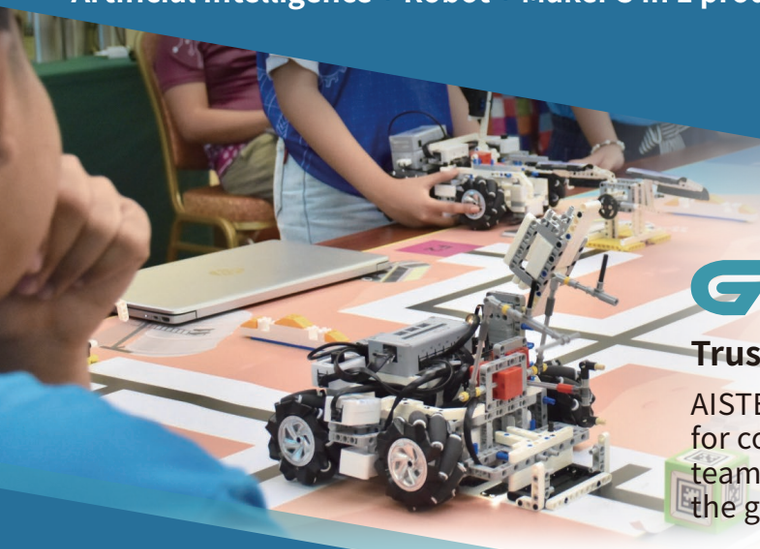
MPBOT S2
Contest kit



NASHENBOT

AISTEAM 3in1

Artificial Intelligence + Robot + Maker 3 in 1 product



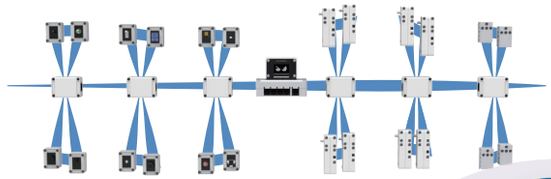
GAR Global Artificial Intelligence Robot Contest

Trusted in Robot Contests

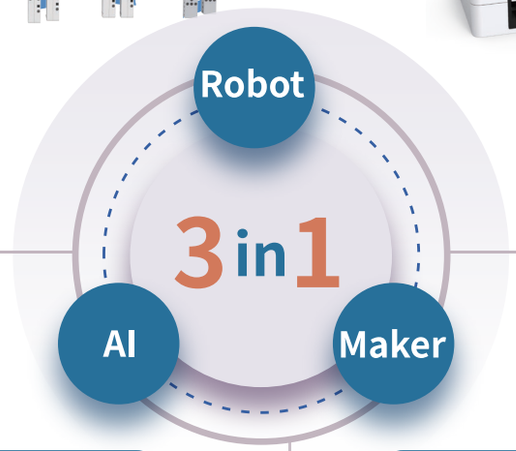
AISTEAM robots are the tools of choice for contestants worldwide, empowering teams to build, code, and compete on the global stage of the GAR contest.

AISTEAM Controller

- Programming of Everything, Internet of Everything.
- Equipped with 17 expansion interfaces, and able to be connected to hundreds of electronic modules.







AI Camera



- Enabled for complex tasks like autonomous driving and obstacle detection, with core features including color recognition, QR code recognition, and face detection.

Integrated with Micro-bit



- Promote large-scale adoption of open-source hardware, particularly Micro-bit, with programming support through the MakeCode platform.

AIcode Programming

•Supports AIcode platform with graphical (Scratch), Python, and multi-language programming capabilities.



AIcode

AI + STEAM Curriculum System

•Co-developed by Nashenbot and Zhejiang University Huzhou Institute's AI & Robotics Education Research Center, this multi-tiered framework integrates cross-disciplinary study, competition, PBL, coding, and evaluation.

浙江大学湖州研究院
HUZHOU INSTITUTE OF ZHEJIANG UNIVERSITY
Artificial Intelligence and Robotics Education Research Center



E	P	M	Y	C
Series	Series	Series	Series	Series
Enlightenment Courses	Project Courses	AI Coding + Maths	Integrated Courses	Competition Courses

Creative Building





•Empower AI&STEAM, unlock endless fun through hands-on making and playful learning.

Main Products



AISTEAM 203S
Basic kit



AISTEAM 101S
Course kit



AISTEAM 205S
Contest kit