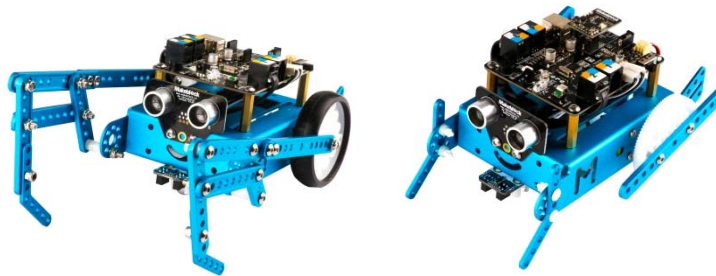




mBot Add-on Pack - Six-legged Robot

SKU: 98050 Weight: 255.00 Gram



What is mBot six-legged robot?

mBot six-legged robot is a 3-in-1 expansion pack based on mBot.

You can construct "Beetle", "Mantis" and "Crazy Frog" with mBot and the parts inside the pack.

The mBot six-legged robot makes mBot more vivacious and enjoyable. Let's get your six-legged robot move!

Shape one: Beetle

A six-legged beetle that moves quickly.
It turns around and attacks the enemy promptly!

Shape two: Mantis

It quietly crawls, waving two arms disposedly.
It is the hunter from the darkness,
approaching you, and catching you...

Shape three: Crazy Frog

A little crazy frog,
dashes around so madly that,
nobody can stop it.

Specifications	
SKU	98050
Model	mBot six-legged robot
Type	Expansion pack
Weight	255g (8.99oz)
Outer packing size (length×width×height)	100×60×150mm

Part List		
6 × Screw M4 x 8mm	8 × Screw M4 x 14mm	8 × Screw M4 x 22mm
4 × Screw M4 x 30mm	4 × Screw M4 x 35mm	8 × NutM4
16 × Lock Nut M4	12 × Plastic Spacer 4 x 7 x 10mm	14 × Plastic Spacer 4 x 7 x 3mm
24 × Rivet	2 × Beam0412-108-Blue	2 × Beam0412-092-Blue
6 × Beam0412-076-Blue	2 × Beam0412-060-Blue	2 × Plate 45°-Blue
1 × Wrench M5+M7		

Assembling Step of the Six-Legged Robot

1

Plastic Spacer 4x7x10mm x2
Screw M4*22 x2
Plastic Spacer 4*7*3mm x4

Line Follower Sensor

Note: Remove the front wheel and the line follower sensor from robot beforehand, then follow the instruction to start building.

2

Beam0412-076-blue x1
Screw M4*22 x1
Plastic Spacer 4*7*10mm x1
Lock Nut M4 x1

5

Screw M4*30 x1
Beam0412-092 x1

6

Beam0412-108 x1

9

Note: The self-drilling screw here is the same as the one in the original robot.

10

Screw M4x35 x1
Lock Nut M4 x1
Plastic Spacer 4*7*10mm x2

3

Plate 45° x1
Screw M4*9 x2
Nut M4 x2

4

Beam0412-060 x1
Screw M4*22 x1
Plastic Spacer 4*7*10mm x1
Nut M4 x1

7

Beam0412-076 x1
Lock Nut M4 x1

8

Beam0412-076 x1
Lock Nut M4 x1
Screw M4*14 x1
Plastic Spacer 4*7*3mm x1

11

Lock Nut M4 x1
Screw M4*14 x1
Plastic Spacer 4*7*3mm x1

12

Lock Nut M4 x1
Screw M4*14 x1
Plastic Spacer 4*7*3mm x1

Use the same method to build the other part on robot. Let's continue to build the six-legged robot!