Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

mBot Add-on Pack - Servo Pack

SKU: 98052 Weight: 235.00 Gram
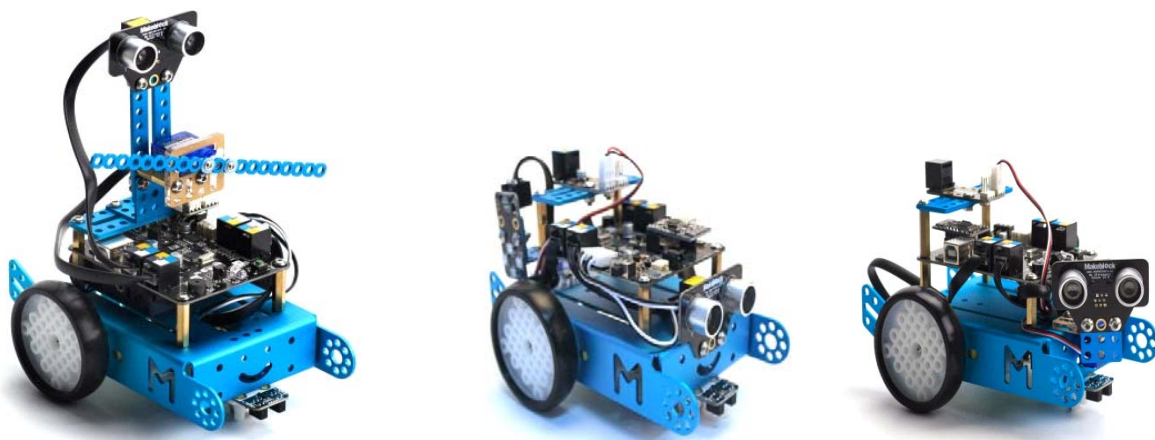
What is mBot servo pack?

mBot servo pack is a 3-in-1 pack based on mBot. You can construct "Dancing Cat", "Head-Shaking Cat" and "Light-Emitting Cat" with mBot and the components in this pack.
mBot servo pack makes mBot more vivacious and enjoyable, which is of benefit to children's creative thinking.

The first cat: Dancing Cat

Dancing cat dances with music,
waving little claw, calling you home.

The second cat: Head-Shaking Cat

Looking around for you with its big eyes.
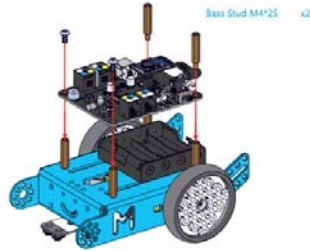Cute, lively and cheerful.

The third cat: Light-Emitting Cat

A nice cat brightens up your life.
The light pierces the darkness,
It's brighter in the sun.

Specifications

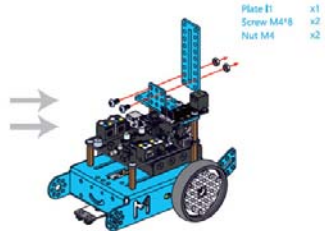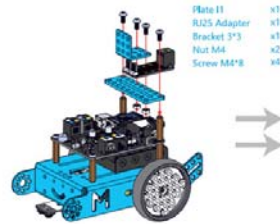|	
SKU	98052
Model	mBot Servo Pack
Type	Expansion pack
Weight	235g (8.29oz)
Outer packing size (length×width×height)	100×60×150mm

Part List

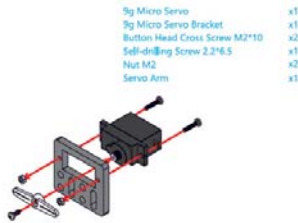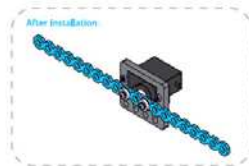|		
4 × Brass Stud M4*25	20 × Screws M4*8	10 × Nut M4
2 × 6P6C Cable -20cm-black	2 × Plastic Ring	1 × 9g Servo pack
1 × RGB-LED V1.1	1 × RJ25 Adapter	2 × Bracket 3*3
2 × Plate I1 -blue	1 × Wrench M5+M7	4 × cuttable linkage (blue)

① Refit the original mBot

After refitting:

Base Stud M4*25   x2

② Install bracket and ultrasonic sensor

After Installation:

Plate I1   x1
RJ25 Adapter   x1
Bracket 3*3   x1
Nut M4   x2
Screw M4*8   x4

Plate I1   x1
Screw M4*8   x2
Nut M4   x2

③ Install the servo

After Installation:

9g Micro Servo   x1
9g Micro Servo Bracket   x1
Button Head Cross Screw M2*10   x2
Self-drilling Screw 2.2*6.5   x1
Nut M2   x2
Servo Arm   x1

Note:
The parts used in this step are the parts disassembled from the original mBot.

④ Install cuttable linkage

After installation:

Self-drilling Screw 2.2*8   x2
Plastic Ring 4*7*2mm   x2
Cuttable Linkage   x1

⑤ Assembly Completed

Assembly completed:

Nut M4   x2
Screw M4*8   x2

Note:
You can attach some hand-shape paper crafts or ice cream balloons onto the cuttable linkage to realize interesting interactions.