



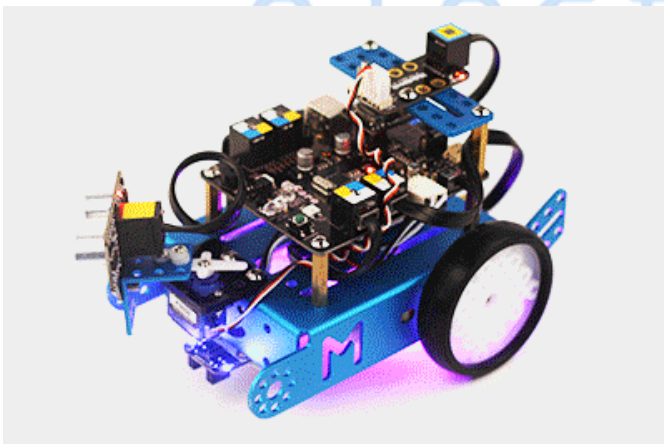
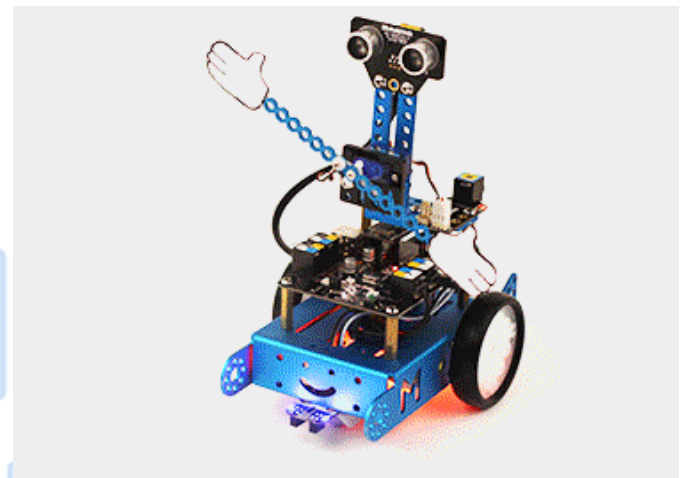
What is mBot servo pack?

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.

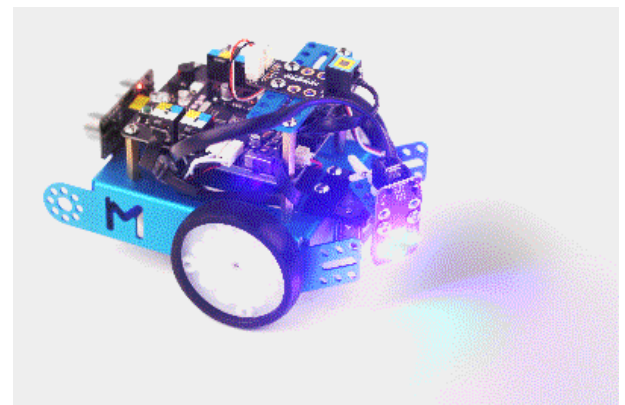


The second cat: Head-Shaking Cat

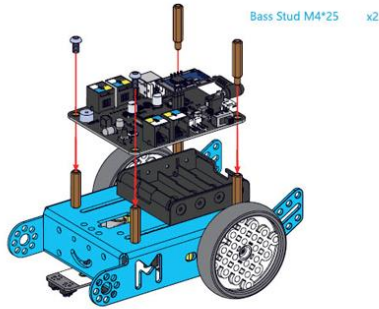
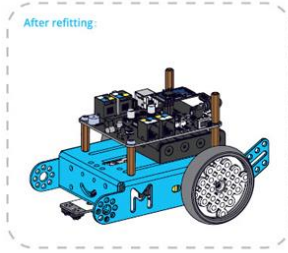
Looking around for you with its big eyes. Cute, lively and cheerful.

The third cat: Light-Emitting Cat

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



1 Refit the original mBot



Bass Stud M4*25 x2

2 Install bracket and ultrasonic sensor

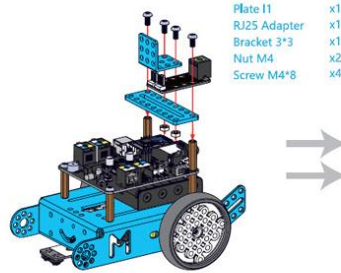
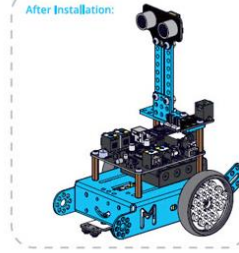


Plate I1 x1
RJ25 Adapter x1
Bracket 3*3 x1
Nut M4 x2
Screw M4*8 x4

3 Install the servo



After Installation:

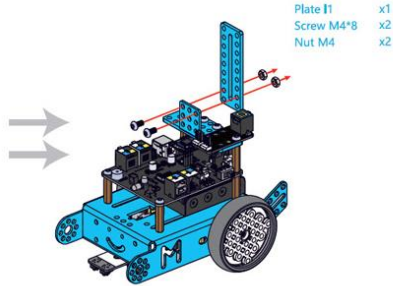
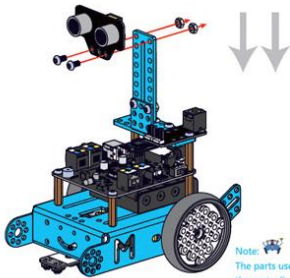


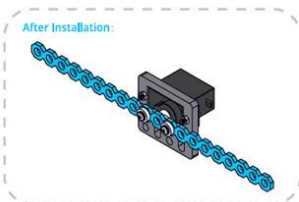
Plate I1 x1
Screw M4*8 x2
Nut M4 x2



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

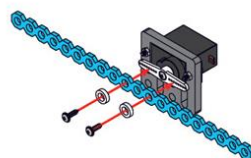
Note: The parts used in this step are the parts disassembled from the original mBot.

4 Install cuttable linkage

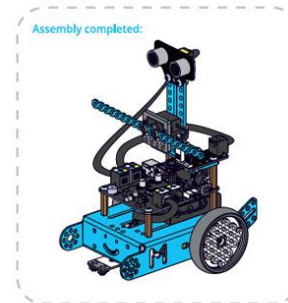


After Installation:

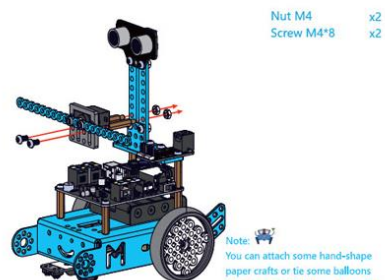
Self-drilling Screw 2.2*8 x2
Plastic Ring 4*7*2mm x2
Cuttable Linkage x1



5 Assembly Completed



Assembly completed:



Nut M4 x2
Screw M4*8 x2

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

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)