

49.1AMK81.100

Magic Piano

MECHANICAL MUSIC BOX

AMK81

ROKR

WARNING:

The product is for people who include and over 14 years old. Kids should assemble under the guidance of adults.

The instruction book contains important information. Please keep it well for later use.

MAINTENANCE:

Keep the product away from the source of ignition and water to prevent any damage.

Don't use chemical reagents like alcohol, ammonia water to clean the product.

Use clean and soft fabric to clean the product if necessary.

ATTENTION TO THE MOVEMENT:

The movement is precise, please do not drop or collide it.

Do not apply too much force when winding up.

Do not touch the movement roller with your fingers to avoid finger injury.

Tel: 400-960-0062

Special attention in assembly

Ensure the connection of gears smoothly

Wax the gray parts

Polish the part with sandpaper

Ensure the connection of parts running smoothly.

Assembly tips

Complete 2 same parts

Complete 6 same parts

Flip to assemble

Printed side

Blank side

Force point of removing pieces

Step 1

Step 2

ROKR Facebook

store.robotime.com

Name	Movement	Round Metal Part	Key	Hobnail	Hinge	Pan-head Screw	Flat head Screw	Steel Shaft	Steel Shaft	Steel Shaft	Steel Shaft	Wax	Shaft Sleeve	Screwdriver	Screwdriver
Item Number	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15
Picture															
Quantity	1	1	1	8	2	6	5	3	1	3	1	1	16	1	1

1

P1

C2

P3

P6

1

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6

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Keep B3 well for later use.

Turn the key to test the movement.

1. Please insert into grooves in order; 2. When inserting in Step 2 and 3, please slightly push it inward as the arrow direction for easier assembling. 3. Use a screwdriver to insert protrusions into grooves.

Align with corresponding grooves and then press. Do not press too hard at random.

Press down slightly C1 to ensure the board is flush with the groove bottom. Then push C1 in.

2

P6 x3

G1

C13

P2

8mm

M3*8

1:1

Check it. If no problem, continue to assemble.

Side

D4

D4

Assemble the auxiliary tool.

F33

F34

F30

F31

Just an example of tool usage for your understanding. Do not assemble as shown.

P13

Insert to 3mm

(Put P13 in and insert the steel shaft into the groove marked with "3 mm")

3mm

When assembling the second shaft sleeve, use another same depth groove to prevent deflection of the first groove. p.s.The grooves of the same depth correspond to each other.

F23

F19 x2

C11 x4

G5

F10

A1

P13

F23

Ensure that the gears are properly engaged, and then firmly press in step 2.

Wax the shaded area. Then turn the key to test if gears can rotate smoothly.

D20

B1

D21

D14

D21

The length of protrusions are different.

A5 x2

E9

D1

D1

P8 x3

P13

P8

Insert to 4.5mm

Support the bottom for easier assembling.

P13

F7

P13

F8

P13

A2

F7

F8

A2

P13

F6

D16 x2

D16 x2

G4

P13

Insert to 2mm

P10

G6

P13

P10

Turn the longer end of the steel shaft downward.

P13

F6

D16 x2

D16 x2

G4

P13

Insert to 2mm

P10

G6

P13

P10

3

D16 x2

D17

D17

F21

1

2

1:1

Ensure that the gears are properly engaged.

P13

P10

Insert to 4.5mm

40mm

P10

Note the directions of the arrows on F26, F27, and F28. Make sure not to assemble them incorrectly.

F28

F26

F27

Pass the long piece through G6 and then insert other grooves.

D15

F18

G2

D17

F21

D16 x2

D17

D17

F21

Polish G3 with the sandpaper.

G3

F3

G6

G3

F3

G6

Wax the gray parts.

F2

F2

F24

F4

D25

D18

Firstly, insert into two protrusions of D9 here. Then press firmly on both sides.

D9

D11

D10

D12

D22

Bend slightly to assemble easily.

D5

B5

D5

D5

B5

D5

Pull D6 outward to fit with outer parts.

D6

D21

D6

D24

D26 x3

D26

Align with corresponding grooves and then press. Do not press too hard at random.

D8

D7

F5

D27

D27

D27

Parts removing tips
F11 F12 F13 F14 F15 F16
e.g.

Assembly tips
e.g. E4

Polish the gray parts
F11 F12 F13 F14 F15 F16
e.g.

Pay attention to the direction of the part. Press in the arrow position to avoid any breakage. The keys have spare parts available.

Keep D28 well for later use.

Please check the following:
• Ensure that the key is not assembled in the wrong direction. Inverse keys may cover the movement groove and affect subsequent assembly.
• Verify that the key bottom is flush with the groove.

Blank side (do not assemble inversely)

P7 x5 4mm M3*4 1:1

Pay attention to D29's arrow direction.

Assemble the screws in the same direction.

Wax

Insert the keys into their respective grooves, ensuring that the screws' directions are aligned in the same direction.

Flip to assemble

Rotate E11 to pass through five holes, and its right end need to be flush with the part surface.

Flip to assemble

Flip to assemble

Wax the bottom half

Assembly tips

1. Insert into grooves in order.
2. Use the screwdriver to assist assembling.

E10

Polish the bottom protrusions of the part.

As the arrow shown, rotate the gears (placing the assembly as horizontally as possible). Check if the key can operate smoothly. If not, check if the parts are assembled in place (The key's bottom are flush with the groove).

9 P9 20mm 1:1

Insert to 4.5mm

Insert to 4.5mm

Wax the whole gear.

Assemble carefully to press in place.

F1

Turn the key to test if the gears rotate smoothly. If not, check if the protrusions are properly pressed in place. Additionally, ensure that the gears have been waxed. (After waxing, turn the gears several times until they operate smoothly)

1

E2's Position

E6's Position

Turn the key to verify if the piano keys operate smoothly. If they don't, please check the following:
• Ensure that the keys are flush with the grooves in step 7.
• Wax the bottom half of E7 in step 8.
• Wax the whole gear in step 9.

Corresponding positions:

There are multiple holes, so please patiently insert them one by one.

Use a screwdriver to align with corresponding positions.

E12 is easy to break down. Please assemble carefully.

Before assembling, fold the hinge in half repeatedly to prevent it from being too tight.

Assembly tips

Please avoid overtightening the screws. Simply secure them in place without applying excessive force.

Note E19 B12 directions of arrows.

Assembly tips

Assemble B3 and B9 alternately.

Try to align the parts properly when assembling.

Remove films of H1 on both sides.

Note the indentation direction.

Align with corresponding grooves, then tighten them. Pay attention to the petals!

Tighten all screws here.

Due to a technological issue with the hinge, some piano covers may not fully fit the bottom when closed.

12

E15's Position

B8 is easy to break down. Please assemble carefully.

To fully close, loosen the screws slightly.

Solutions for the failure:
If it fails to rotate flexibly, please review step 10. If disassembling is not possible, gently turn several times in a repetitive motion to facilitate smooth operation. To achieve this, gently pull the petals clockwise.

Complete.