

## 71851 Kai's Dragon Mech Battle Pack

Adapted by Arturo Moncada-Torres and tested by Jolene Nemeth.

Boys, girls and fans of the NINJAGO® Dragons Rising TV show ages 6 and up can enjoy hours of imaginative play with the LEGO® NINJAGO Kai's Dragon Mech Battle Pack (71851) building set. This playset features a dragon mech toy with posable legs, large wings, claw hands and an upper body that rotates 360 degrees, plus a cockpit to place a minifigure inside. This great value ninja toy also comes with 3 minifigures: Kai with 2 sword accessories, Sora with 2 swords and an Earth Monster toy with clawhands, letting kids enjoy hours of adventures as they act out scenes from season 4 of NINJAGO Dragons Rising.

The packaging displays Kai's Dragon Mech in full action. The front of the box shows the mech being piloted by Kai, reaching with its right claw to the Earth Monster, who is ready to defend himself with his weapon. To the right, Sora is running towards the Earth Monster with her katanas ready. The ground is black with some red and orange lines running through it, suggesting it is lava that is cooling off. The background is composed of dark green and yellow tones, suggesting the entrance of a cave. On the top, there is a dark red stripe with the classic red LEGO logo to the left and the NINJAGO in white letters centered, with the subtitle "DRAGONS RISING" underneath. In the middle and to the left, the box displays the set's suggested age group (6+), set number (71851), name, and number of pieces (85), all in white letters. The right side of the box has a warning that states that the set contains small parts, and it is therefore not recommended for children younger than 3 years old in other languages. The back of the box shows another action scene. In it, Kai is jumping into the mech's cockpit, while Sora is grabbing one of her katanas from the mech's hip. To the right, the Earth Monster is standing on a rock platform, ready to jump into the air with its weapon in hand to attack our heroes. The left side of the box has the set's name in different languages. The top of the box shows an image of Kai's minifigure on a 1:1 scale. The bottom side is a tidy strip that contains the barcode as well as a few technical bits, such as the place of manufacture, copyright and trademark notices.

The build consists of 85 pieces in total and is recommended for ages 6+. Once finished, you will have Kai's Dragon Mech and 3 minifigures. The set consists of 2 unnumbered bags.

Welcome to text-based instructions from Bricks for the Blind! Before you start building, here are some terms we may be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- Open/hollow stud: a bump on a LEGO brick with a hole, which allows attaching bars. In the case of open

studs, the hole goes all the way through. In the case of hollow studs, it does not.

- “Anti-stud” is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Left/right wedge parts: these are parts that when placed in front of you and are pointing to the back, their wedge is on the left/right side of the part.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

Additionally, it is worth mentioning that besides the printed visual instructions that come with each kit, a PDF version for the set’s instructions is always available online at [<https://www.lego.com/en-us/service/building-instructions/71851>]. This might help a sighted building partner that may want to follow along or low vision users that may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags, or small containers. Have a friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted according to the building steps in the kit. Doing this in advance makes locating the pieces for each step easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers, or meaningful names. The parts will be sorted into one or a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1, 2, and 3 and put them in one container.

This LEGO set comes with 2 unnumbered bags, 1 instruction booklet, and 3 minifigures. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder!

LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Book 1 – Kai, Sora, Earth Monster, and Kai's Dragon Mech

- Group 1: pages 5 – 6
- Group 2: pages 7 – 8
- Group 3: pages 9 – 12
- Group 4: steps 1 – 5
- Group 5: steps 6 – 10
- Group 6: steps 11 – 12
- Group 7: steps 13 – 17
- Group 8: steps 18 – 23
- Group 9: steps 24 – 25

## Building Instructions

### Book 1:

#### Group 1 – Kai

1. Let's start putting together Kai. Locate 1 red pair of legs with dark red sash, dragon scales, and claws pattern and 1 dark red torso with robe pattern with a gold and dark orange dragon head armor print and dark red arms with black hands. Assemble the body of the minifigure. Then, attach 1 yellow minifigure head with black and red mask with eye holes and open mouth to the neck. Ask a sighted friend to make sure that the face print is facing the right way.

2. Put on the red helmet with molded dark red crests. Lastly, make Kai ready for battle by placing 1 pearl gold katana into each of his hands.

#### Group 2 – Sora

1. Let's continue with Sora. Locate 1 white pair of legs with coral sash, gold knee pads, and sand blue toes pattern and 1 white torso robe with dark blue panels, a gold cat head belt pattern, white arms, and dark blue hands. Assemble the body of the minifigure. Then, attach the pearl gold armor shoulder pad with scabbard to the neck, making sure that the scabbard is on the minifigure's back. Continue by attaching a dark blue bandana, making sure that it faces to the front, and 1 yellow minifigure head with gold stripes face paint, coral lips, and eye shadow. Ask a sighted friend to make sure that the face print is facing the right way.

2. Put on the coral hairpiece with molded dark blue headphones and cat ears. Lastly, make Sora ready for battle by placing 1 pearl gold katana into each of her hands.

#### Group 3 – Earth Monster

1. Lastly, let's put together the Earth Monster. Locate 1 dark tan pair of legs with black cracks and reddish orange markings and 1 dark tan torso with gold pendant necklace, reddish orange lava pattern, dark tan arms, and dark bluish gray hands. Assemble the body of the minifigure. Then, attach 1 transparent orange armor shoulder with crystal shards and 2 studs to the minifigure's neck, making sure that the studs are on the minifigure's back.

2. Attach the dark tan head with black cracks and reddish orange eyes and mouth to the minifigure's head. Ask a sighted friend to make sure that the face print is facing the right way. Place the dark tan stone headgear with pincers on top of the ppp, making sure that the long pincer faces to the front and the short one to the back.

3.1 Finally, let's put together the Earth Monster's mace. Place one dark bluish gray 1x1 brick with 2 studs on opposite sides in front of you, so that its side studs face to the left and right. Attach 1 transparent orange 1x1 pyramid tile on top of the ppp.

3.2 Find 2 transparent orange 1x1 pyramid tiles. Place the first one upright on the left-facing side stud. Take the second one and repeat symmetrically on the right.

3.3 Attach one dark bluish gray weapon hilt vertically upright underneath the 1x1 brick with side studs.

3.4 The weapon is complete! Put its hilt into the Earth Monster's left hand.

#### Group 4 – Kai's Dragon Mech (cockpit)

1. Place 1 dark bluish gray 4x2x3 cockpit with pin hole and clips in front of you, so that its clips face to the front.

2.1 Let's make a sub-build for the cockpit's chest. Place 1 dark red armor chest with 4 studs and handle in front of you, so that its handle faces down and the studs to the front.

2.2 Attach 1 pearl gold 2x2 round tile with a dragon head with horns printed pattern to the front-facing studs of the ppp. Ask a sighted friend to make sure that the piece is oriented correctly.

2.3 The cockpit's chest is complete. Attach its handle to the front-facing clips of the cockpit. For now, close the cockpit.

3. Rotate the cockpit so that the 2x2 round tile faces down and its pin hole faces to the front. Locate 2 dark bluish gray 1x2 plates with ball on short edge. Place the first one horizontally on the 2 left columns of the back row, so that its ball overhangs to the left. Take the second one and repeat symmetrically to the right.

4. Find 2 black 1x2 plates with stud and upright clip. Place the first one horizontally on top of the ppp, so that its clip is on the right. Take the second one and repeat symmetrically to the left.

5. Grab 1 red 2x2 curved slope tile. Rotate it so that it slopes to the front. Place its back row on the 2 middle columns of the back row. Put the cockpit aside for now. Be sure to keep it in the same orientation.

#### Group 5 – Kai's Dragon Mech (hip)

6. Let's start building the mech's hip. Place 1 red 1x2 brick with pin hole and 1x2 plate in front of you, so that its pin hole is to the front. Insert 1 black 2L technic pin into the hole of the ppp, so that it overhangs to the front by 1L.

7. Place 1 dark red 1x2 plate with horizontal clip on long edge horizontally under the front row of the ppp, so that its clip faces to the back.

8. Locate 2 orange 1x1 plates with vertical clip. Place the first one on the leftmost column of the front row, so that its clip faces to the left. Take the second one and repeat symmetrically to the right. Place 1 black 1x2 plate with balls on short sides horizontally on the back row, so that it is centered horizontally.

9. Place 1 red 2x2 curved slope tile on top of the hip build, so that it slopes to the back.

10. The hip build is complete. Rotate it 180 degrees in the horizontal plane, so that its pin faces to the back and the balls are in the front. Bring back the cockpit build. Rotate it so that its 2x2 round tile faces up and its pin hole is in the front. Insert the pin of the hip build into the pinhole of the cockpit. Put the mech's body to the side for now. Be sure to keep it in the same orientation.

## Group 6 – Kai's Dragon Mech (thighs)

11.1 Let's build the mech's right thigh. Place 1 orange 1x2 plate with 1x2 upright side studs horizontally in front of you, so that its side studs face to the front. Then, place 1 dark bluish gray 1x2 plate with ball and socket on short ends horizontally on top of the ppp, so that its ball is to the left.

11.2 Place 1 transparent orange 1x2 tile horizontally on top of the ppp.

11.3 Find 2 red 1x1 tiles with rounded side. Place the first one upright on the left column of the front-facing side studs, so that its round side faces to the left. Take the second one and repeat symmetrically to the right.

11.4 The right thigh is complete. Flip it 90 degrees from front to back, so that its ppps face upwards and its socket is to the right. Bring back the mech's body. Attach the thigh's right-facing socket to the mech's front left-facing ball. Put the mech's body to the side for now. Be sure to keep it in the same orientation.

12.1 Let's build the mech's left thigh. Place 1 orange 1x2 plate with 1x2 upright side studs horizontally in front of you, so that its side studs face to the front. Then, place 1 dark bluish gray 1x2 plate with ball and socket on short ends horizontally on top of the ppp, so that its ball is to the right.

12.2 Place 1 transparent orange 1x2 tile horizontally on top of the ppp.

12.3 Find 2 red 1x1 tiles with rounded side. Place the first one upright on the right column of the front-facing side studs, so that its rounded side faces to the right. Take the second one and repeat symmetrically to the left.

12.4 The left thigh is complete. Flip it 90 degrees from front to back, so that its ppps face upwards and its socket is to the left. Bring back the mech's body. Attach the thigh's socket to the mech's front right facing ball. Rotate the thighs from horizontal to vertical by bringing them as close as possible to each other. The thighs' balls should be to the front. Put the mech's body to the side for now. Be sure to keep it in the same orientation.

## Group 7 – Kai's Dragon Mech (feet)

13. Let's build 2 identical feet, beginning with the first one. Place 1 dark red 1x2 rounded plate with open studs horizontally in front of you. Then, place 1 red 1x2 plate with 3 claws on the ppp, so that the claws overhang to the front.

14. Place the plate of 1 black 1x2 plate with 2x2 upright inverted plate horizontally on the ppp, so that its antistuds face to the back.

15.1 Let's make a small sub-build. Place 1 red 2x2 inverted slope brick in front of you, so that it slopes to the back. Then, place 1 dark red 1x2 rounded plate with open studs horizontally on the front row of the ppp, so that it is centered horizontally.

15.2 Place 1 light bluish gray 1x2 plate with ball socket on long edge horizontally behind the ppp, so that its socket faces to the back.

15.3 The sub-build is ready. Rotate it 90 degrees from back to front, so that its antistuds face to the back and its ball socket faces upwards. Attach its 2x2 front-facing studs to the 2x2 back-facing antistuds of the foot build.

16. Place 1 red 1x2 triple slope tile horizontally on the front row of the foot, so that it slopes to the front.

The first foot build is complete. Repeat steps 13 to 16 to build a second one. Now you should have 2 identical feet.

17. Bring back the mech's body. Rotate it 90 degrees from back to front, so that it is in a standing position and its thighs' balls are facing down. Attach the top facing socket of each foot to the bottom facing balls. Arrange the mech so that it is stable while standing. Put the mech's body to the side for now. Be sure to keep it in the same orientation.

#### Group 8 – Kai's Dragon Mech (arms)

18. Let's build two identical arms, beginning with the first one. Place 1 dark red 1x2 rounded plate with open studs horizontally in front of you. Then, place 1 dark bluish gray 1x2 plate with ball and socket on short ends horizontally on top of the ppp, so that its ball is to the right.

19. Place 1 dark red 1x2 rounded plate with open studs horizontally on top of the ppp.

20. Connect 1 light bluish gray 1x2 plate with ball socket on long edge to the right-facing ball, so that the plate is vertical. Then, place 1 red 1x2 plate with handle on long edge vertically on the ppp, so that its bar faces to the right.

21. Insert 2 black horns into the open studs on the left of the arm, so that they curve to the left.

22. Attach 2 pearl gold curved claws with clip to the right of the arm, so that the claws' long curved edge faces up and to the right.

The first arm is complete. Repeat steps 18 to 22 to build a second one. Now you have 2 identical arms.

23. Bring back the mech's body. Attach an arm to the left-facing socket. Then, attach the second arm symmetrically to the right. Rotate the arms so that the black horns face to the back. Then, bring them to the side of the mech, as if the mech was standing in a neutral position.

#### Group 9 – Kai's Dragon Mech (final touches)

24. Rotate the mech 180 degrees on the horizontal plane, so that the 2x2 round tile faces the back. Grab 1 transparent orange plant leaf with 7 spikes. Rotate it so that its spikes face to the front and its handle to the back. Attach its bar to the clip located on the back of the mech's hip. This will be the mech's tail. You can pose it as you wish, but for now rotate it so that it hangs down. Place 1 orange 1x1 slope tile upright on the top row of the ppp, so that it slopes up.

25. Locate 2 red dragon wings with marbled light orange edge pattern. Take the first one and rotate it horizontally upright, so that its long curved edge faces up and to the left and its handles are to the right. Attach its top right-facing handle to the top left-facing clip of the mech's build. Take the second one and repeat symmetrically to the right.

Rotate the mech again so that its 2x2 round tile faces to the front. The mech is complete! If you wish, you can give him a pilot by opening the cockpit, sitting a minifigure in it (Kai, for example), and closing it. You can also attach Kai's or Sora's katanas on the free clips on the left and right sides of the mech's hips.

We are done with the construction! Enjoy the adventures of Kai with his Dragon Mech and Sora fighting the Earth Monster.

At the end of the instruction booklet, you will find one page advertising other sets from the wave. On the top row, you will find sets 71851 (Kai's Dragon Mech Battle Pack, this set) and 71857 (Ninja Vehicle Tree House Battle). On the bottom row, you will find sets 71859 (The Dragon of Life) and 71856 (Jay's Transforming Car). Afterwards, you will find the set inventory. On the last page you will find an invitation to share feedback.

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our [Builders page](#). It's easy and we will do all the work! Just contact us at [info@bricksfortheblind.org](mailto:info@bricksfortheblind.org) and together we will make it happen!

We hope you enjoyed building your LEGO set! Bricks for the Blind are able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at: <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>.

Bricks for the Blind is a registered tax exempt 501(c)(3) corporation.

Please [sign up](#) for our newsletter and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!