

31172 Record Player with Flowers

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Delight lovers of music, art and design with this LEGO® Creator 3in1 Record Player with Flowers (31172) toy playset. A retro-style record player for girls and boys aged 8 and up, it features a moving turntable, a moving tonearm with a stylus and 2 records, plus removable flowers.

LEGO® fans have the choice of 3 different music set building options: a record player with flowers; a retro-style radio toy with moving buttons, an adjustable aerial and removable flowers; or a rotating classic microphone with a stand of flowers. Each model can be used for fun role play or as an attractive home decor display item.

3 LEGO® music set building options in 1 box – The LEGO Creator 3in1 Record Player with Flowers toy playset lets kids aged 8 and up build and rebuild 3 different retro-style models with the same bricks

Nostalgia toys for fun playtimes – Kids can play out stories with 3 different models: a Record Player with Flowers toy; a radio toy with flowers; or a classic microphone with flowers

Packed with features – The record player includes a moving turntable and a moving tonearm with a stylus and 2 records; the radio toy has an adjustable aerial; and the microphone can be rotated

Retro-style display models – Each model (note that models cannot be built simultaneously) makes a colorful home decor display item for any room of the house

Measurements – A 366-piece rebuildable music set featuring a Record Player with Flowers LEGO® toy that measures over 3 in. (7 cm) high, 5 in. (12 cm) wide and 5 in. (12 cm) deep

The front of the box has three distinct images. The first image shows a prominent record player with two different types of flowers growing out of the back part of the top of the record player by the record player's tone-arm. The flower on the left has wide petals like a daffodil that are orange with a white center, and the flower on the right has pointy petals like a lily which are long and pink. The record player itself has blue side walls all along its exterior, and is playing a black record with a red center. On the right of the front of the box is a retro radio with the same two types of flowers growing out of the top of the radio, as well as an antenna pointing up. The radio itself has a blue exterior side, but a white front face. The face of the radio has two knobs, one on the left and one on the right, and a series of five buttons and dials between them towards the bottom of the front face. Below the radio is a stylish retro microphone that is mostly blue with some white accents. It is standing on a black circular base with four legs.

The back of the box shows the three possible builds equally large and important. On the top left, the back of the record player is shown, with one record being played, while another record is laid on the ground next to it, waiting to be played next. On the bottom left, the retro radio is facing forward, with its flowers placed on top of it. To the right, the microphone is placed pointing up, while a patch of flowers similar to lilies are placed by its side.

The top of the box shows the record player on the left, with the flower to its left side, while one record is leaning on the left side of the record player while the other record is lying flat below the other record. In the middle, the microphone is displayed facing forward with its accompanying flower placed to the right of the microphone. On the right, the retro radio is facing forward with its flowers decoratively placed on top.

The build is 366 pieces in total and is for ages 8+. The record player build has 100 steps, the retro radio build has 76 steps, and the microphone build has 77 steps.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: <https://bricksfortheblind.org/help-with-screen-readers>. Before you start building, here are some terms we will 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.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- 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).

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at [<https://www.lego.com/en-us/service/building-instructions/31172>]: As low vision users 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.

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard-length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop; however, it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Technic brick - a brick which contains one or more holes which accept technic pins.

Lift-arms - A lift-arm is a basic structural element, like a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. Lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm may accept axles or pins. They also come in a variety of shapes, including tees, els and triangles.

Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts or can form useful elements such as handles. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off

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 three bags labeled 1, 2, and 3, and three instruction booklets, one for each build. Sort the pieces into groups as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split across two 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.

Record Player with Flowers Build (13 groups of bricks)

For this build, bag 1 is opened first, then bag 2, then bag 3.

Group 1 contains the pieces for steps 1-15

Group 2 contains the pieces for steps 16-32 put a medium stone gray 1x6 brick and 2 dark stone gray 1l pin with friction ridges in this group.

Group 3 contains the pieces for steps 32-32 put a dark stone gray 1x1 liftarm and a red 1l pin with friction ridges in this group.

Group 4 contains the pieces for steps 32-41 put a dark stone gray 1x1 liftarm, white 1l pin with friction ridges, and 3 medium stone gray 1x2 plate in this group.

Group 5 contains the pieces for steps 42-47

Group 6 contains the pieces for steps 48-54

Group 7 contains the pieces for steps 55-55 put a yellow 1x2 plate in this group

Group 8 contains the pieces for steps 55-71 put 2 black 1x2 plate in this group

Group 9 contains the pieces for steps 72-81

Group 10 contains the pieces for steps 82-82

Group 11 contains the pieces for steps 83-90

Group 12 contains the pieces for steps 91-92

Group 13 contains the pieces for steps 93-100

A note for sighted helpers: I have rearranged the instructions for this entire sub-build to make the instructions more straightforward. For the main build, I have divided large steps into sub-steps, while keeping the base step number the same. Aka, step 3 might have sub-steps 3.1, 3.2, etc.

Open bag 1.

Open group 1.

Start Building

1.1. Place a bright light blue 1x4 plate horizontally in front of you.

Step 1.2

place a yellow 1x2 plate horizontally on top of the ppp such that its rightmost anti-stud is connected to the leftmost stud of the ppp and there is one stud of overhang.

2. Place a bright light blue 1x4 plate horizontally below the ppp such that its rightmost stud is under the left anti-stud of the ppp.

3.1. Place a medium stone gray 4x4 plate with 2x2 open center on top of the 3 available studs of the ppp such that the front row of the plate is on top of the ppp and there is one column of overhanging studs to the left of the ppp as well as three rows of overhanging studs behind the ppp.

Step 3.2

Place another plate symmetrically on the right side of the assembly.

4.1. Place a bright light blue 2x6 plate vertically underneath the ppp such that the front row of studs on the plate lines up with the front row of studs on the ppp. Place it such that the leftmost column of studs on the plate is below the rightmost column of anti-studs on the ppp.

Step 4.2

Place another plate symmetrically on the left side of the assembly.

5.1. Place a bright light blue 1x4 plate vertically on the leftmost column of studs of the ppp, so that its front stud is on top of the front left stud of the ppp.

Step 5.2

Place a bright light blue 1x4 plate vertically directly behind the ppp so that two of its studs are overhanging

5.3. Place a bright light blue 1x8 tile vertically symmetrically place to the two previously placed pieces so that its front right edge lines up with the front right edge of the assembly.

6.1. Place a bright light blue 2x6 plate vertically below the ppp such that it lines up vertically and is touching the back of the bright light blue 2x6 plate on the front right of the assembly.

Step 6.2

Place a bright light blue 2x6 plate vertically symmetrically below that one piece from step 5.2 such that it lines up vertically and is touching the back of the bright light blue 2x6 plate on the front left of the assembly.

7.1. Place a tan 1x6 plate vertically on top of the right column of studs of two bright light blue 2x6 plate plates that are on the left of the assembly. Place the piece so that there are two rows of uncovered studs on the back left bright light blue 2x6 plate.

Step 7.2

Place another plate symmetrically on the right side of the assembly.

8.1 Place a bright light blue 1x4 plate vertically on the back four studs of the leftmost column of studs on the assembly.

Step 8.2

Place a bright light blue 1x4 plate vertically symmetrically on the back four studs of the rightmost column of studs on the assembly.

9. Place a black 2x10 plate horizontally between the back two studs of the two previously placed pieces placed in step 8. Once placed, the uncovered studs on the assembly should all be at the same height.

10.1. Flip the assembly such that studs holders of the assembly are now facing up, and the ppp is now at the front and closest to you.

Step 10.2

Place a bright light blue 1x4 plate horizontally, with its studs down, on top of the ppp so that it is on the front row of the ppp and connected to the four rightmost open anti-studs of the ppp.

10.3. Place a bright light blue 1x4 plate horizontally, with its studs down, directly to the left of the ppp.

10.4. Place a lime 1x1 round plate, with its studs down, onto the open corner anti-stud of the medium stone gray 4x4 plate with 2x2 open center that is now in the back right of the assembly.

10.5. Place a lime 1x1 round plate, with its studs down, symmetrically onto the corner anti-stud of the medium stone gray 4x4 plate with 2x2 open center that is now in the back left of the assembly.

11.1. Flip the assembly such that studs are now facing up and the assembly should be rotated so the only smooth topped piece, the bright light blue 1x8 tile, should be entirely on the leftmost column of the assembly.

Step 11.2

Place a bright light blue 1x2 brick horizontally on top of the back right corner stud of the assembly such that there is no overhang.

11.3. Place a bright light blue 1x1 brick directly in front of the right stud of the ppp.

12.1. Place a yellow 1x2 brick with studs on one side horizontally directly to the left of the bright light blue 1x2 brick placed in step 11.2. Orient the brick such that the studs on the side are facing backward.

Step 12.2

Place a yellow 1x2 brick with studs on one side horizontally, symmetrically to the ppp, now on the left side of the assembly.

12.3. Place a medium dark flesh 2x2 brick round with grille to the right of the ppp, such that its back row of studs is in line with the two studs of the ppp.

12.4. Place a medium dark flesh 2x2 brick round with grille symmetrically directly to the right of the ppp.

13.1. Place a green 1x1 cone on top of the 2nd stud from the left on the top back row of bricks. Make sure the piece is placed on top of a brick and not a tile.

Step 13.2

Place a red 2x2x0.7 plate with 2 studs on the side to the right of the ppp such that the studs on the side are facing back, and the front left stud is overhanging.

13.3. Place a red 2x2x0.7 plate with 2 studs on the side directly to the right of the ppp such that the studs on the side are facing back.

13.4. Place a red 2x2x0.7 plate with 2 studs on the side directly to the right of the ppp such that the studs on the side are facing back.

14.1. Place a black gearbox for bevel gears on top of the assembly such that its 2x4 base is laid horizontally across the sides of the two medium stone gray 4x4 plate with 2x2 open center, so that the gearbox is connected to two studs from each plate. The gearbox should also be connected to two of the red 2x2x0.7 plate with 2 studs on the side placed in step 13.

Step 14.2

Place a tan bevel gear on the right inside slot of the ppp such that its gear teeth face the center of the ppp.

15.1. Place a lime 1x1 round plate on top of the right stud on the lower level of the rightmost red 2x2x0.7 plate with 2 studs on the side.

Step 15.2

Place another plate symmetrically on top of the left stud on the lower level of the leftmost red 2x2x0.7 plate with 2 studs on the side.

Open group 2.

16. Place a dark stone gray 2x6 plate horizontally such that its front left anti-stud is on top of the ppp, and as a result its front right anti-stud should be on top of the other lime 1x1 round plate placed in step 15.1.

17.1. Place a bright light blue 1x2 brick vertically such that its back stud is on top of the back right stud on the assembly.

Step 17.2

Place another bright light blue 1x2 brick horizontally directly to the left of the back stud of the ppp.

18.1. Place a black 1x4 plate horizontally such that its rightmost stud is on top of the left stud of the ppp, leaving two uncovered studs to the right of the plate on the back row.

Step 18.2

Place another black 1x4 plate horizontally directly to the right of that one/pp such that the left stud lands directly over the green 1x1 cone.

19.1. Place a bright light blue 1x2 tile with groove horizontally on the two leftmost studs of the second row, from the front, of the assembly.

Step 19.2

Place a blue 1x3 jumper plate horizontally directly to the right of the ppp.

19.3. Place a lime 1x1 round plate directly to the right of the ppp.

In the next step, you will be building 1 mini assembly

20.1. Place a red hinge 1x2 plate with single finger on end vertical horizontally in front of you so that the finger end faces the left.

Step 20.2

Place a medium stone gray 1x2 jumper plate horizontally on top of the ppp such that there is no overhang.

20.3. Place the mini assembly you just made on top of the two studs of the blue 1x3 jumper plate such that the finger end of the assembly is facing the left.

21.1. Place a bright light blue 1x2 brick horizontally such that it is on top of the two leftmost studs of the front row of the assembly.

Step 21.2

Place a yellow 1x2 brick with studs on one side horizontally directly to the right of the ppp such that the studs on the side are facing forward.

22.1. Place a white 1x4 brick horizontally directly to the right of the ppp.

Step 22.2

Place a yellow 1x2 brick with studs on one side horizontally directly to the right of the ppp such that the studs on the side are facing forward.

22.3. Place a white 1x4 brick horizontally behind the ppp such that its right side is even with the right side of the ppp.

23.1. Place a green 1x1 cone on top of the right stud of the front right yellow 1x2 brick with studs on one side.

Step 23.2

Place a red 2x2x0.7 plate with 2 studs on the side to the left of the ppp so that its studs on the side are facing forward, and its front row of studs is in line with the ppp.

23.3. Place a red 2x2x0.7 plate with 2 studs on the side to the left of the ppp so that its studs on the side are facing forward.

23.4. Place a red 2x2x0.7 plate with 2 studs on the side to the left of the ppp so that its studs on the side are facing forward.

24.1. Place a lime 1x1 round plate on the back left stud of the ppp. This should be on the lower level of the ppp.

Step 24.2

Place another lime 1x1 round plate symmetrically on the right side of the assembly.

25. Place a dark stone gray 2x6 plate horizontally such that its back right stud is on top of the ppp. The back left stud of the plate should be on top of the lime 1x1 round plate placed on the left side of the assembly.

26. Place a black 1x4 plate horizontally, centered on top of the front row of the ppp.

In the next step, you will be building a sub assembly.

27.1. Place a white technic 2x4 plate with holes horizontally in front of you.

Step 27.2

Place a medium stone gray 2x2 tile round with hole in the center on the middle four studs of the ppp.

In the next step, you will be building 1 mini assembly.

27.3. Hold a 4l black axle upright in front of you so that it is standing upright.

27.4. Place a tan bevel gear half with 12 teeth onto the axle such that the teeth are pointing down, and the gear is about half the thickness of the gear away from the bottom of the axle.

27.5. Place the mini assembly you just made through the center hole of the white technic 2x4 plate with holes such that the bevel gear is underneath and touching the white technic 2x4 plate with holes. Orient the gear so that its teeth are facing away from the white technic 2x4 plate with holes.

27.6. Place a yellow 2x2 round plate with axle hole on top of the axle that is sticking out of the assembly, and push the plate down until it touches the medium stone gray 2x2 tile round with hole in the center.

27.7. Place the sub assembly on top of the gearbox on the main assembly such that the two gears mesh and the white technic 2x4 plate with holes is horizontally spanning center of the two widest columns of the gearbox.

28. Place a white technic 2x4 plate with holes horizontally directly in front of the sub assembly you just placed. It should be mounted to two studs from the gearbox, while its whole front row is overhanging.

29. Place a medium stone gray 4x4 plate with 2x2 open center centered around the 4l black axle from the sub assembly you just placed.

30. Place a tan 4x6 plate vertically directly in front of the ppp so that its front edge lines up with the back edge of a black 1x4 plate in the front of the assembly.

31.1. Place a bright light blue 2x2 jumper plate on the front 2 rows of studs on the 2 right most columns of studs on the assembly.

Step 31.2

Place another bright light blue 2x2 jumper plate directly behind the ppp.

31.3. Place another bright light blue 2x2 jumper plate directly behind the ppp.

31.4. Place another bright light blue 2x2 jumper plate directly behind the ppp.

31.5. Place another bright light blue 2x2 jumper plate directly behind the ppp.

In the next step, you will be building a sub assembly

32.1. Place a medium stone gray 1x6 brick with holes vertically in front of you.

Step 32.2

Place a dark stone gray 1l pin with friction ridges into the second side hole from the back on the ppp such that its stud faces the right.

32.3. Place a dark stone gray 1l pin with friction ridges into the side hole directly in front of the ppp such that its stud faces the right.

In the next step, you will be building a mini assembly.

Open group 3.

32.4. Place a dark stone gray 1x1 liftarm in front of you.

32.5. Place a red 1l pin with friction ridges on top of the ppp such that its stud is facing up.

32.6. Place the mini assembly you just made, coming from the right, on the front-most side hole of the medium stone gray 1x6 brick with holes such that the dark stone gray 1x1 liftarm of the mini assembly faces the right.

In the next step, you will be building a mini assembly.

Open group 4.

32.7. Place a dark stone gray 1x1 liftarm in front of you.

32.8. Place a white 1l pin with friction ridges on top of the ppp such that the friction ridges are put inside the ppp

32.9. Place the mini assembly you just made, coming from the right, on the second from the front side hole of the medium stone gray 1x6 brick with holes such that the dark stone gray 1x1 liftarm of the mini assembly faces the right.

32.10. Place a medium stone gray 1x2 jumper plate vertically on top of the 2 front studs of the assembly.

32.11. Place a medium stone gray 1x2 jumper plate vertically directly behind the ppp.

32.12. Place a medium stone gray 1x2 jumper plate vertically directly behind the ppp.

32.13. Place the sub assembly you just made vertically on top of the back three bright light blue 2x2 jumper plate on the right side of the assembly. The sub assembly should just be on top of those three plates and the back of the assembly should be touching the front of two bricks that are towards the back of the build.

In this next step you will be building 2 identical mini assemblies

33.1. Place a medium stone gray 1x2 brick with axle hole vertically in front of you.

Step 33.2

Place a medium stone gray 1x2 jumper plate vertically on top of the two studs of the ppp.

33.3. Repeat steps 33.1 and 33.2 until you have 2 identical mini assemblies.

33.4. Place one of the mini assemblies vertically directly in front of the sub assembly you just placed so that the front of one is touching the back of the other.

33.5. Place one of the mini assemblies vertically directly in front of the ppp so that the front of one is touching the back of the other. The mini assembly you just placed should have its front face lined up with the front edge of the build.

34.1. Place a bright light blue 2x6 plate vertically on top of the ppp such that the front edge of the plate lines up with the front edge of the assembly, and the right edge of the plate lines up with the right side of the assembly.

Step 34.2

Place a bright light blue 2x4 plate vertically directly behind the ppp, such that its right edge lines up with the right side of the assembly.

35.1. Place a bright light blue 2x4 plate vertically on top of and behind the ppp such that its back right corner lines up with the back right corner of the build.

Step 35.2

Place a bright light blue 2x6 plate vertically directly in front of the ppp.

35.3. Place a bright light blue 2x4 tile horizontally in front of the ppp such that its front right corner is in line with the front right edge of the build.

In this next step you will be building 1 mini assembly

36.1. Place a dark stone gray 1x2 liftarm with axle hole and pin hole horizontally in front of you so that the pin hole is facing you and to the left of the axle hole.

Step 36.2

Place a yellow 2l pin without friction ridges in the pin hole of the ppp so that the pin sticks out towards you.

36.3. Place a dark stone gray axle 8 with end stop through the axle hole of the mini assembly such that the end stop is at the front of the mini assembly and pushed together.

36.4. Place a medium stone gray bushing through the back side of the stone gray axle 8 with end stop until it reaches the axle hole and the axle is rigidly held in place on both sides.

36.5. Place a medium stone gray pin joiner round with slot onto the yellow 2l pin without friction ridges.

36.6. Place the mini assembly you just made into the assembly by placing the axle through the backmost side hole on the right side of the assembly so that the axle engages one of the gears in the gearbox. The axle should be pushed in as far as it can go. You have now installed a drive handle on the record player.

37.1. Rotate the assembly so that the studs are still facing up, but the drive handle on the record player is now on the left side of the assembly.

Step 37.2

Place a bright light blue 1x1 brick on the back right stud of the assembly.

37.3. Place a bright light blue 1x2 brick horizontally directly to the left of the ppp.

38. Place a bright light blue 1x4 plate horizontally on top of the ppp. The plate's right side should line up with the right side of the assembly.

In the next step you will be building 1 mini assembly

39.1. Place a white hinge 1x2 plate with dual fingers horizontally in front of you.

Step 39.2

Place a white 1x2 plate horizontally directly on top of the two studs of the ppp.

39.3. Place a white 1x2 plate horizontally directly on top of the two studs of the ppp.

39.4. Place a 1x2 white ingot horizontally directly on top of the two studs of the ppp.

39.5. Place the mini assembly you just made onto the assembly by connecting the white hinge plate with the red hinge plate already in the back inside of the assembly.

40.1. Place a bright light blue 1x2 brick horizontally in front of the mini assembly you just placed. The brick should be placed on top of the back studs of the 2 rightmost columns of the lower level of the assembly.

Step 40.2

Place another brick horizontally directly in front of the ppp.

41.1 Place a bright light blue 1x2 brick vertically on top of the right studs of the two previously placed pieces.

Step 41.2

Place another brick directly to the left of the ppp.

Open group 5.

In the next step you will be building 1 mini assembly

42.1. Place a bright light blue 1x2 plate horizontally in front of you.

Step 42.2

Place a black 1x1 round plate with open stud on the left stud of the ppp.

42.3. Place a bright light blue 1x8 tile vertically to the right of the ppp such that its back face lines up with the back face of the bright light blue 1x2 plate.

42.4. Place a bright light blue 1x2 plate horizontally symmetrically underneath the front anti-stud of the ppp, such that its left stud is available.

42.5. Place a black 1x1 round plate with open stud on the left stud of the ppp.

42.6. Place a bright light blue 1x2 plate horizontally on top of the ppp such that its right face lines up with the right face of the mini assembly.

42.7. Place a bright light blue 1x2 plate horizontally symmetrically on the back side of the mini assembly

42.8. Place a black 1x1 round plate with open stud on the left stud of the ppp.

42.9. Place a black 1x1 round plate with open stud symmetrically at the front left stud of the mini assembly.

42.10. Place a bright light blue 1x8 tile vertically to the right of the ppp such that its back face lines up with the back face of the bright light blue 1x2 plate.

42.11. Place a bright light blue 1x2 plate horizontally such that its left stud is on top of the black 1x1 round plate with open stud on the front left of the mini assembly.

42.12. Place a bright light blue 1x2 plate horizontally symmetrically such that its left stud is on top of the black 1x1 round plate with open stud on the back left of the mini assembly.

42.13. Place a black 1x1 round plate with open stud on the left stud of the ppp.

42.14. Place a black 1x1 round plate with open stud symmetrically at the front left stud of the mini assembly.

42.15. Place a bright light blue 1x8 tile vertically to the right of the ppp such that its back face lines up with the back face of the bright light blue 1x2 plate.

42.16. Place the mini assembly you just made on the main assembly vertically such that the bright light blue 1x8 tile is on the right side. The mini assembly is placed such that its front face is in line with the front face of the assembly and the right face of the mini assembly is in line with the right face of the assembly.

43.1. Place a bright light blue 2x4 plate vertically on the front right of the assembly so that its front right edge lines up with the front right edge of the assembly.

Step 43.2

Place a bright light blue 2x6 plate vertically directly behind the ppp.

44.1. Place a bright light blue 1x8 tile vertically on the rightmost column of the assembly such that its front face lines up with the front face of the assembly.

Step 44.2

Place a bright light blue 1x8 tile vertically symmetrically on the front left of the assembly.

44.3. Place a bright light blue 1x4 plate vertically directly behind the ppp.

44.4. Place a bright light blue 1x4 plate vertically symmetrically on the rightmost column of the assembly behind the bright light blue 1x8 tile.

45.1. Place 5 of the 2x4 tiles horizontally, one behind the other, starting with the leftmost exposed studs of the front two rows.

Step 45.2

Place a white 2x2 tile with vertical pin on the two left columns of studs behind the ppp.

45.3. Place a white 2x2 tile directly to the right of the ppp.

46.1. Place a white 2x2 plate with 1 center stud directly to the right of the ppp.

Step 46.2

Place a white 2x2 tile directly in front of the ppp.

46.3. Place a white 2x2 tile directly in front of the ppp.

46.4. Place a white 2x2 tile directly in front of the ppp.

46.5. Place a white 2x2 tile in front of the ppp, skipping over the studs by the axle so that its front face is in line with the front face of the assembly.

47.1 Place 6 of the 2x4 tiles horizontally, one behind the other, starting with the rightmost exposed studs of the front two rows

Open bag 2.

Open group 6.

In this next step, you will be building 4 mini assemblies which are the feet of the record player's base.

48.1. Place a black turntable 2x2 round plate with rotation stem such that its studs are facing down.

Step 48.2

Place a black tire Ø14x4 smooth new style around the bottom of the ppp. The bottom of the ppp can be identified by being the part away from the studs. The black tire should be placed around the first set of grooves on the bottom of the turntable.

48.3. Repeat 48.1 and 48.2 so that there are four of these mini assemblies.

48.4. Rotate the assembly such that the bottom anti-studs are now facing towards you, but the drive handle is still facing towards the left.

48.5. Place one of the mini assemblies you just made using its studs onto the anti-studs at the front two rows on the front of the assembly. Place the mini assembly so that it is 1 anti-stud away from the right edge of the assembly.

48.6. Place one of the mini assemblies symmetrically on the left side of the assembly.

48.7. Place one of the mini assemblies you just made using its bottom row of studs placed onto the anti-studs at the back rows of the assembly. Place the mini assembly so that it is 1 anti-stud away from the right edge of the assembly.

48.8. Place one of the mini assemblies symmetrically on the left side of the assembly.

You are now building a new sub assembly, this is the left of the record player.

49.1. Place a white 4x8 plate vertically in front of you.

Step 49.2

Place a white 1x4 brick vertically centered on the leftmost column of studs on the ppp.

50.1. Place a white 2x2 inverted slope brick so that its two anti-studs are connected to the two leftmost studs on the front row of the sub assembly. Orient the piece so that the inverted slope is facing back.

Step 50.2

Place another brick symmetrically on the back left of the sub assembly.

51.1. Place a white 1x2 plate horizontally directly to the right of the ppp so that it is on the back row of the sub assembly.

Step 51.2

Place another plate horizontally symmetrically on the front right corner of the sub assembly.

In this next step, you will be building 2 mini assemblies

52.1. Place a white 1x2 plate horizontally in front of you.

Step 52.2

Place a white slope 1x2x1 curved with plate on top of the left stud of the ppp such that the curved slope is above the stud and the curved slope is facing forward.

52.3. Place a white slope 1x2x1 curved with plate symmetrically to the right of the ppp.

52.4. Place one of the mini assemblies you made so that its exposed studs are now on top of the white 1x2 plate at the front right of the sub assembly with its curved face facing forward.

52.5. place the other mini assembly symmetrically on the back right of the sub assembly.

53.1. Place a white 1x2 plate horizontally directly on top of the two exposed studs of the mini assembly you just placed on the back right of the sub assembly.

Step 53.2

Place another plate symmetrically on top of the front right of the sub assembly.

In this next step, you will be building 1 mini assembly

54.1. Place a dark stone gray 1x1 brick with pinhole in front of you so that the hole faces left and right.

Step 54.2

Place a black 3l axle with friction pin through the hole in the ppp using the friction pin with the axle sticking out 2l to the right.

54.3. Place a dark stone gray 1x1 brick with pinhole through the axle so that it is next to the other dark stone gray 1x1 brick with pinhole.

54.4. Place the mini assembly you just made so that the two anti-studs on the bottom are horizontally aligned with the axle pointing to the right. Place the mini assembly directly in front of the other mini assembly you placed in step 52.5 at the back right of the sub assembly.

Open group 7.

In this next step, you will be building 1 mini assembly

55.1 Place a yellow 1x2 plate horizontally in front of you.

Open group 8.

Step 55.2

Place a black 1x2 plate horizontally on top of the 2 studs of the ppp.

55.3. Place a black 1x2 plate horizontally underneath the two anti-studs of the mini assembly.

55.4 Place the mini assembly you just made on the sub assembly by placing it on the two studs directly in front of the mini assembly you made in step 54.

56.1. Place a white 1x2 brick horizontally directly in front of the mini assembly you just made in step 55.

Step 56.2

Place a white 2x2 jumper plate directly in front of the ppp.

56.3. Place a white 1x2 brick horizontally directly in front of the ppp.

In this next step, you will be building 1 mini assembly

57.1. Place a black 1x3 plate with rounded ends horizontally in front of you.

Step 57.2

Place a black 1x1 round plate with open stud on the left stud of the ppp.

57.3. Place a black 1x2 tile with rounded ends horizontally directly to the right of the ppp.

57.4. Place the mini assembly you just made so that its left stud is on top of the center stud of the white 2x2 jumper plate. The mini assembly will be overhanging half its length.

58.1. Place a bright light blue 2x6 plate vertically so that its front 2 studs are on top of the 2 rightmost studs on the second row of studs on top of the sub assembly.

Step 58.2

Place a tan 1x6 plate vertically so that its front stud is on top of the leftmost stud on the second row of studs on top of the sub assembly.

59.1. Place a bright light blue arch 1x3x1.7 with curved top in front of the ppp such that its stud is directly in front of the ppp and the curved surface is facing forward.

Step 59.2

Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

59.3. Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

59.4. Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

59.5 Place another bright light blue arch 1x3x1.7 with curved top symmetrically on the back right side of the sub assembly.

59.6. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

59.7. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

59.8. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

60.1. Place a bright light blue 2x4 tile horizontally on top of the front 2 rows of studs on top of the sub assembly so that there is no overhang.

Step 60.2

Place another bright light blue 2x4 tile horizontally directly behind the ppp.

60.3. Place another bright light blue 2x4 tile horizontally directly behind the ppp.

60.4. Place another bright light blue 2x4 tile horizontally directly behind the ppp.

61.1. Flip the sub assembly over so that the anti-studs are facing upward and the axle is pointing to the right.

Step 61.2

Place a bright light blue 1x4 plate horizontally on top of the anti-studs of the 4 back bright light blue arch 1x3x1.7 with curved top.

61.3. Place a bright light blue 1x4 plate horizontally on top of the anti-studs of the 4 front bright light blue arch 1x3x1.7 with curved top.

62. Orient the sub assembly you just made so that its anti-studs are facing away from you and its axle is sticking out upwards. Orient the main assembly such that the drive handle for the record player is pointing to the right, while the studs face up. Connect the two assemblies such that the top of both are in line with each other, and the sides of the main assembly line up with the sides of the sub assembly.

You are now building a new sub assembly; this is the right side of the record player.

63.1. Place a white 4x8 plate vertically in front of you.

Step 63.2

Place a white 1x4 brick vertically centered on the leftmost column of studs on the ppp.

64.1. Place a white 2x2 inverted slope brick so that its two anti-studs are connected to the two leftmost studs on the front row of the sub assembly. Orient the piece so that the inverted slope is facing back.

Step 64.2

Place another brick symmetrically on the back left of the sub assembly.

65. Place a white 1x4 brick vertically centered on the rightmost column of studs on the ppp.

In this next step, you will be building 2 mini assemblies

66.1. Place a white 1x2 plate horizontally in front of you.

Step 66.2

Place a white slope 2x3 brick with curved top vertically so that the curved front is on top of the ppp.

66.3. Repeat steps 66.1 and 66.2 until you have 2 mini assemblies.

66.4. Place one of the mini assemblies you just made onto the sub assembly by placing its four exposed studs on the front right studs of the sub assembly and the white 1x2 plate overhangs toward you.

66.5. Place one of the mini assemblies you just made onto the sub assembly by placing its four exposed studs on the back right studs of the sub assembly and the white 1x2 plate overhangs away from you.

67.1. Place a bright light blue 2x6 plate vertically such that it is centered on the right two columns of studs on the sub assembly.

Step 67.2

Place a tan 1x6 plate vertically such that it is centered on the leftmost column of studs on the sub assembly.

68.1. Place a bright light blue arch 1x3x1.7 with curved top in front of the ppp such that its stud is directly in front of the ppp and the curved surface is facing forward.

Step 68.2

Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

68.3. Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

68.4. Place another bright light blue arch 1x3x1.7 with curved top directly to the right of the ppp.

68.5 Place another bright light blue arch 1x3x1.7 with curved top symmetrically on the back right side of the sub assembly.

68.6. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

68.7. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

68.8. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp.

69.1. Place a bright light blue 2x4 tile horizontally on top of the front 2 rows of studs on top of the sub assembly so that there is no overhang.

Step 69.2

Place another bright light blue 2x4 tile horizontally directly behind the ppp.

69.3. Place another bright light blue 2x4 tile horizontally directly behind the ppp.

69.4. Place another bright light blue 2x4 tile horizontally directly behind the ppp.

70.1. Flip the sub assembly over so that the anti-studs are facing upward and the side with two white 2x2 inverted slope bricks is pointing to the right (the inverted slope leaves behind an empty triangle).

Step 70.2

Place a bright light blue 1x4 plate horizontally on top of the anti-studs of the 4 back bright light blue arch 1x3x1.7 with curved top.

70.3. Place a bright light blue 1x4 plate horizontally on top of the anti-studs of the 4 front bright light blue arch 1x3x1.7 with curved top.

71. Place the sub assembly you made onto the side of the main assembly. Orient the sub assembly so the side with two white 2x2 inverted slope bricks is pointing down towards the ground. Connect the sub assembly to the main assembly symmetrically to how the left side of the record player was connected.

You are now building a new sub assembly, this is the platter of the record player, it is where the records will sit when they're played.

Open group 9.

72.1. Place a medium stone gray 6x6 round plate with hole in front of you so that the columns of studs are facing you and the rows are facing horizontally.

Step 72.2

Place a medium stone gray 2x2 tile round with hole in the center in the center of the ppp.

72.3. Place a medium stone gray 2x2 tile curved corner directly next to the ppp to its front right.

72.4. Place a medium stone gray 2x2 tile curved corner to the front left of and directly touching the medium stone gray 2x2 tile round with hole in the center.

72.5. Place a medium stone gray 2x2 tile curved corner to the back left of and directly touching the medium stone gray 2x2 tile round with hole in the center.

72.6. Place a medium stone gray 2x2 tile curved corner to the back right of and directly touching the medium stone gray 2x2 tile round with hole in the center.

72.7. Place a medium stone gray 3x3 tile curved corner touching the ppp to make a larger part of a larger circle.

72.8. Place a medium stone gray 3x3 tile curved corner clockwise directly next to the ppp

72.9. Place a medium stone gray 3x3 tile curved corner clockwise directly next to the ppp

72.10. Place a medium stone gray 3x3 tile curved corner clockwise directly next to the ppp

72.11. Place the platter sub assembly on to the axle that is connected to the gearbox and sticking out of the top of the record player, and push the platter down until it touches the top of the record player.

73.1. Place a dark tan 2x2 brick round with sloped sides on top of the axle sticking out of the top of the left side of the record player sub assembly.

Step 73.2

Place a black 1x1 round plate with open stud on top of the stud of the white 2x2 jumper plate placed in step 49 towards the center of the top of the assembly.

In this next step, you will be building 1 mini assembly

74.1. Place a dark stone gray bar 2 with stop ring upright in your hand.

Step 74.2

Place a black bar holder with handle on top of the ppp using the bar holder.

74.3. Place the mini assembly you just made on top of the piece you just placed in step 73.2, the black 1x1 round plate with open stud.

You are now building a new sub assembly; this is the arm for the record player.

75.1. Place a black 1x3 liftarm in front of you horizontally so that the holes point upward.

Step 75.2

Place a black 3l axle with friction pin onto the left hole of the ppp using the friction pin such that the axle points upward.

76. Place a black 3l axle with friction pin symmetrically on the right hole of the black 1x3 liftarm.

77.1. Place a black technic through axle connector with bushing on top of the axle you just placed on the right using its bushing, and point the through connector to the side

Step 77.2

Place a black technic through axle connector with bushing on top of the axle you just placed on the left using its bushing, and point the through connector to the side

78. Place a yellow 3l axle on through the through axle connector of the ppp so that the axle full sticks out of the left of the ppp and not out of the right.

In this next step, you will be building 1 mini assembly

79.1. Place a black 1x4 plate vertically in front of you.

Step 79.2

Place a black 1x2 brick vertically on the back two studs of the ppp.

79.3. Place a dark stone gray 1x1 brick with pinhole in front of the ppp such that its hole is facing to the side.

79.4. Place a black 1x1 brick with axle hole directly in front of the ppp oriented such that the axle hole points forward toward you.

79.5. Place a 6l black axle through the axle hole of the ppp. The axle will be sticking out forward 5l.

79.6. Place a black 1x4 tile on top of the four exposed studs of the mini assembly.

79.7. Place the mini assembly onto the sub assembly by lining up the side hole of the mini assembly with the yellow 3l axle of the sub assembly, and once they are lined up. Push the yellow 3l axle through the hole of the mini assembly until it is inside both through axle connectors on the sub assembly.

80. Place the sub assembly you made onto the main assembly by connecting the middle hole of the bottom black 1x3 liftarm on the sub assembly to the pin that is sticking out of the top of the record player. Orient the sub assembly so that the 6l black axle rests on top the handle bar of the black bar holder with handle.

In this next step, you will be building a sub assembly, the needle for the record player

81.1 Place a black angle connector #3 (157.5°) in front of you so one of the axle holes faces you, the pin hole faces upward, and the other axle hole faces away from you and to the right.

Step 81.2

Place a dark stone gray 1l pin with friction ridges into the top of the pin hole of the ppp such that the stud is coming out of the top.

In this next step, you will be building 1 mini assembly

81.3. Place a black handle bar holder with handle in front of you.

81.4. Place a black 1l bar with 1x1 round plate through the bar holder with the stud facing up and the handle bar on the black bar holder with handle also facing up.

81.5. Place the anti-stud of the ppp on top of the stud of the dark stone gray 1l pin with friction ridges

In this next step, you will be building 1 mini assembly

81.6. Place a black 1x1 round plate with open stud in front of you.

81.7. Place a black 1l bar with 1x1 round plate on top of the open stud using its anti-stud, pointing the bar towards you.

81.8. Place a black slope 1x2 curved on top of the stud of the ppp using the slope's lowest anti-stud. Orient the piece so that it is above the ppp.

81.9. Place a flat silver claw with bar (curved) underneath the black 1x1 round plate with open stud, using the bar on the claw, with the claw curving back towards you.

81.10. Connect the mini assembly to the sub assembly by connecting the black bar of mini assembly to the back axle hole of the black angle connector #3.

81.11. Place the sub assembly you just made onto the main assembly by sticking the open end of the black angle connector into the open end of the 6l black axle of the arm of the record player. Orient the needle sub assembly such that the flat silver claw with bar (curved) is pointing down.

Open bag 3.

Open group 10.

In this next step, you will be building a sub assembly, the first record for the record player

82.1. Place a black plate 8x8 round with hole in front of you.

Step 82.2

Place a black brick 5x5 round with plate underneath the ppp so that its 3 studs on its lower-level fit into the anti-studs on the bottom of the ppp.

82.3. Place a black brick 5x5 round with plate clockwise next to the ppp.

82.4. Place a black brick 5x5 round with plate clockwise next to the ppp.

82.5. Place a black brick 5x5 round with plate clockwise next to the ppp.

82.6. Place a black tile 4x4 curved corner directly radially inside of that on/ppp so that it is touching it.

82.7. Place a black tile 4x4 curved corner clockwise next to the ppp.

82.8. Place a black tile 4x4 curved corner clockwise next to the ppp.

82.9. Place a black tile 4x4 curved corner clockwise next to the ppp.

82.10. Place a black 3x3 tile curved corner directly radially inside of that on/ppp so that it is touching it.

82.11. Place a black 3x3 tile curved corner clockwise next to the ppp.

- 82.12. Place a black 3x3 tile curved corner clockwise next to the ppp.
- 82.13. Place a black 3x3 tile curved corner clockwise next to the ppp.
- 82.14. Place a lime 2x2 tile curved corner directly radially inside of that on/ppp so that it is touching it.
- 82.15. Place a lime 2x2 tile curved corner clockwise next to the ppp.
- 82.16. Place a lime 2x2 tile curved corner clockwise next to the ppp.
- 82.17. Place a lime 2x2 tile curved corner clockwise next to the ppp.
- 82.18. Place a lime 2x2 tile round with hole in the center on top of the center studs of the sub assembly.
- 82.19. Place the center of the first record you just made on top of the upright axle sticking out of the top of the record player.

In this next step, you will be building a sub assembly, the second record for the record player

Open group 11.

- 83.1. Place a black plate 8x8 round with hole in front of you.

Step 83.2

Place a black brick 5x5 round with plate underneath the ppp so that its 3 studs on its lower-level fit into the anti-studs on the bottom of the ppp.

- 83.3. Place a black brick 5x5 round with plate clockwise next to the ppp.
- 83.4. Place a black brick 5x5 round with plate clockwise next to the ppp.
- 83.5. Place a black brick 5x5 round with plate clockwise next to the ppp.
- 83.6. Place a black tile 4x4 curved corner directly radially inside of that on/ppp so that it is touching it.
- 83.7. Place a black tile 4x4 curved corner clockwise next to the ppp.
- 83.8. Place a black tile 4x4 curved corner clockwise next to the ppp.
- 83.9. Place a black tile 4x4 curved corner clockwise next to the ppp.
- 83.10. Place a black 3x3 tile curved corner directly radially inside of that on/ppp so that it is touching it.
- 83.11. Place a black 3x3 tile curved corner clockwise next to the ppp.
- 83.12. Place a black 3x3 tile curved corner clockwise next to the ppp.
- 83.13. Place a black 3x3 tile curved corner clockwise next to the ppp.
- 83.14. Place a reddish orange 2x2 tile curved corner directly radially inside of that on/ppp so that it is touching it.
- 83.15. Place a reddish orange 2x2 tile curved corner clockwise next to the ppp.
- 83.16. Place a reddish orange 2x2 tile curved corner clockwise next to the ppp.
- 83.17. Place a reddish orange 2x2 tile curved corner clockwise next to the ppp.

83.18. Place a reddish orange 2x2 tile round with hole in the center on top of the center studs of the sub assembly.

83.19. Place the second record you just made and lay it down near the record player however you like.

In these next steps, you will be building a sub assembly, one of the flowers for the record player.

84.1. place a medium stone gray angle connector #1 (it has a main axle hole, and then a pin hole angled perpendicularly to the axle hole at the end of the axle hole) in front of you such that the axle hole is facing to the left and the pin hole is pointing upward.

Step 84.2

Place a yellow 3l axle through the axle hole of the ppp.

85. Place a medium stone gray bushing through the axle hole such that it reaches the angle connector #1.

86. place a dark stone gray 1l pin with friction ridges on top of the pin hole of the medium stone gray angle connector #1 such that its stud is sticking upward.

87. Place a bright green candle on top of the ppp using the bar at the bottom of the candle.

In this next step, you will be building 1 mini assembly

88.1. Place a bright green candle upright in front of you so its pin is facing down.

Step 88.2

Place a bright green 3l bar through the top of the bright green candle.

88.3. Place a bright green 1.3x4x5 leaf layered (it is made up of 5 layers of small 3-pointed leaves that are fan out from the over leaf's centerline) on top of the ppp such that the bar goes through the stud furthest from the leaves, and the leaves are pushed down until they reach the bright green candle.

88.4. Place the mini assembly you just made on top of the bright green candle of the sub assembly using the pin at the bottom of the mini assembly and orient the leaves so that they are facing away from you.

In this next step, you will be building 1 mini assembly

89.1. Place a bright green gear with 4 knobs flat in front of you with one of the knobs facing you.

Step 89.2

Place a bright green sausage on the back knob, with the sausage pointing backward.

89.3. place a bright green sausage on the left knob, with the sausage pointing to the left.

89.4. Place the mini assembly you just made on top of the bar on the sub assembly using the center of the bright green gear with 4 knobs. Rotate the mini assembly such that one of the sausages faces back, and the other sausage faces the left.

In this next step, you will be building 1 mini assembly

90.1. Place a lime 1x1 plate plant with leaves in front of you so that the central leaf points to the right.

Step 90.2

Place a green 1x1 cone on top of the stud of the ppp.

90.3. Place a green plant base with three branches on top of the ppp so that the three branches are sticking up.

In this next step, you will be building 3 mini assemblies

90.4. Place a reddish orange brick 1.5x1.5x0.7 round dome hat in front of you.

90.5. Place an orange flower on top of the ppp.

90.6. Repeat steps 90.4 and 90.5 until there are 3 of those mini assemblies.

90.7. Place one of the mini assemblies you made on one of the branches of the sub assembly by poking the branch through the flower first, without reaching the round dome hat.

90.8. Place one of the mini assemblies you made on one of the open branches of the sub assembly by poking the branch through the flower first, without reaching the round dome hat.

90.9. Place one of the mini assemblies you made on the last open branch of the sub assembly by poking the branch through the flower first, without reaching the round dome hat.

90.10. Place the last mini assembly onto the sub assembly by placing the lime 1x1 plate plant with leaves on top of the pin sticking up from the sub assembly with the leaves pointing to the right.

Open group 12.

In this next step, you will be building 2 identical mini assemblies

91.1. Place a bright light yellow 2x2 plate with 4 petals upside-down in front of you so that the anti-studs are pointing upward.

Step 91.2

Place a white flower with squared petals (it has 7 mini petals, while being barely larger than a stud) on top of the central hole of the ppp.

91.3. Rotate the mini assembly so that the studs are now facing upward.

91.4. Place a yellow 1x1 plate plant with 3 leaves on one of the studs of the bright light yellow 2x2 plate with 4 petals with the central leaf pointing directly away from the center of the mini assembly

91.5. Place a yellow 1x1 plate plant with 3 leaves on the stud, clockwise to the ppp, of the bright light yellow 2x2 plate with 4 petals with the central leaf pointing directly away from the center of the mini assembly

91.6. Place a yellow 1x1 plate plant with 3 leaves the stud, clockwise to the ppp, of the bright light yellow 2x2 plate with 4 petals with the central leaf pointing directly away from the center of the mini assembly

91.7. Place a yellow 1x1 plate plant with 3 leaves the stud, clockwise to the ppp, of the bright light yellow 2x2 plate with 4 petals with the central leaf pointing directly away from the center of the mini assembly

91.8. Place a bright green 2x2 tile round with stud directly on top of the 4 exposed studs of the mini assembly

91.9. Repeat steps 91.1 to 91.8 until you have 2 of these mini assemblies.

91.10. Place one of the mini assemblies you made on top of one of the bright green sausages such that the bright green 2x2 tile round with stud fits into the sausage.

91.11. Place the other mini assembly you made on top of the other bright green sausage such that the bright green 2x2 tile round with stud fits into the sausage.

Step 92

Place the flower sub assembly you just made into the record player by connecting the yellow 3l axle at the bottom of the sub assembly to the axle hole on the side of the record player by the drive handle of the record player. The axle hole used is the one closest to the drive handle. Put the axle in the hole such that the flowers point upward.

Open group 13.

In these next steps, you will be building a sub assembly, one of the other flowers for the record player.

93.1. place a medium stone gray angle connector #1 (it has a main axle hole, and then a pin hole angled perpendicularly to the axle hole at the end of the axle hole) in front of you such that the axle hole is facing to the left and the pin hole is pointing upward.

Step 93.2

Place a yellow 3l axle through the axle hole of the ppp.

94. Place a medium stone gray bushing through the axle hole such that it reaches the angle connector #1.

95. Place a blue 2l pin with axle onto the pin hole of medium stone gray angle connector #1 such that the axle sticks upward.

96. Place a lime angled axle connector onto the ppp such that the open axle hole faces forward.

In this next step, you will be building a mini assembly.

97.1. Place a bright green telescope upright in front of you so that its stud is pointing upward.

Step 97.2

Place a lime 1x1 plate plant with 3 leaves on top of the ppp with the leaves facing toward you.

97.3. Place a bright green 3l bar upright on top of the stud of the ppp.

97.4. Place this mini assembly you just made on top of the angle connector using the mini assembly's bright green bar, with the flower pointing forward.

In this next step, you will be building a mini assembly.

98.1. Place a lime 1x1 brick with studs on four sides in front of you.

Step 98.2

Place a white 1x1 round plate with open stud on top of the stud of the ppp.

98.3. Place a lime carrot leaves (in the shape of a small pin close to 2l long that splits up at the top into 2 small stubs) through the hole of the ppp.

In the next steps, you will be building 4 mini assemblies.

98.4. Place a bright pink slope 1x2 curved inverted brick in front of you so that the curve faces away from you.

98.5. Place a bright pink 1x1 slope curved double on top of the top stud of the ppp such that its flat sides are facing to the left and right.

98.6. Place a bright pink slope 1x2 curved slope on top of the one available stud of the bright pink slope 1x2 curved inverted brick so that the curved slope is facing forward.

98.7. Repeat steps 98.4, 98.5, and 98.6 until you have 4 of those mini assemblies.

98.8. Place one of the mini assemblies you just made onto the front stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

98.9. Place one of the mini assemblies you just made onto the right stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

98.10. Place one of the mini assemblies you just made onto the left stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

98.11. Place one of the mini assemblies you just made onto the back stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

98.12. place a green bar with 1 angle stud below the lime 1x1 brick with studs on four sides so that it is connected to the anti-stud using the pieces studs.

98.13. Place the mini assembly you have made in steps 98 onto the flower sub assembly by connecting the bar from the ppp onto the hole of the bright green telescope. Point the flower slightly to the left.

In this next step, you will be building a mini assembly.

99.1. Place a lime plant leaves 6x5 swordleaf with clip (open 'o' clip) in front of you such that the leaves point forwards toward you.

Step 99.2

Place a lime 1x1 plate plant with 3 leaves on top of the front stud of the ppp with its 3 leaves pointing backward.

99.3. Place a green 1l bar with angle stud through the front stud hole of the ppp, with its stud angled to the front left.

In this next step, you will be building a mini assembly.

99.4. Place a lime 1x1 brick with studs on four sides in front of you.

99.5. Place a white 1x1 round plate with open stud on top of the stud of the ppp.

99.6. Place a lime carrot leaves piece (in the shape of a small pin close to 2l long that splits up at the top into 2 small stubs) through the hole of the ppp.

99.7. Place the assembly you just made on top of the stud of the green 1l bar with angle stud.

In the next steps, you will be building 4 mini assemblies.

99.8. Place a bright pink slope 1x2 curved inverted brick in front of you so that the curve faces away from you.

99.9. Place a bright pink 1x1 slope curved double on top of the top stud of the ppp such that its flat sides are facing to the left and right.

99.10. Place a bright pink 1x2 curved slope on top of the one available stud of the bright pink slope 1x2 curved inverted brick so that the curved slope is facing forward.

99.11. Repeat steps 99.8, 99.9, and 99.10 until you have 4 of those mini assemblies.

99.12. Place one of the mini assemblies you just made onto the front stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

99.13. Place one of the mini assemblies you just made onto the right stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

99.14. Place one of the mini assemblies you just made onto the left stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

99.15. Place one of the mini assemblies you just made onto the back stud of the lime 1x1 brick with studs on four sides using its anti-studs, pointing the mini assembly you just made upward.

99.16. Place the mini assembly you made in step 99 onto the flower sub assembly by connecting the open 'o' clip of the swordleaf plant to the bright green 3l bar near the base of the sub assembly. Orient the flower so that it is pointing forward, while the first flower made in step 98 is oriented to the left.

100. Place the flower sub assembly you just made into the record player by connecting the yellow 3l axle at the bottom of the sub assembly to the last remaining axle hole on the side of the record player by the drive handle of the record player. Put the axle in the hole such that the flowers point upward.

Congratulations! You have now finished the record player with flowers!

Thank you so much for building this set!

There is one page that shows that as you rotate the drive handle of the record player, the record will spin.

There is one page after that shows the completed record player

Microphone Build (18 groups of bricks)

For this build, all three bags of bricks are opened at the start of the build

Group 1 contains the pieces for steps 1-5

Group 2 contains the pieces for steps 6-21

Group 3 contains the pieces for steps 22-25

Group 4 contains the pieces for steps 26-28

Group 5 contains the pieces for steps 29-31

Group 6 contains the pieces for steps 32-33 put three bright light blue bricks 1x2 and one yellow 1x2 plate in this group

Group 7 contains the pieces for steps 33-34 put two white 1x2 brick in this group

Group 8 contains the pieces for steps 35-36 put a stone gray 2x6 plate in this group

Group 9 contains the pieces for steps 36-39 put three bright light blue 2x6 plate in this group

Group 10 contains the pieces for steps 40-42

Group 11 contains the pieces for steps 43-45

Group 12 contains the pieces for steps 46-47 put a stone gray 2x6 plate in this group

Group 13 contains the pieces for steps 47-50 put three bright light blue 2x6 plate in this group

Group 14 contains the pieces for steps 51-53

Group 15 contains the pieces for steps 54-56

Group 16 contains the pieces for steps 57-63

Group 17 contains the pieces for steps 64-74 put 3 lime 1x1 plate plant with 3 leaves in this group

Group 18 contains the pieces for steps 74-77 put 3 yellow 1x1 plate plant with 3 leaves in this group

A note for sighted helpers: I have rearranged the instructions for this entire sub-build to make the instructions more straightforward. For the main build, I have divided large steps into sub-steps, while keeping the base step number the same. Aka, step 3 might have sub-steps 3.1, 3.2, etc.

Open group 1.

1. We'll start off by building the microphone base. This is a round black stand that has small legs to stand on to help the microphone balance. Start by placing a black plate 8x8 round with hole in front of you. Place a black brick 5x5 round with plate under the previous brick so its face with three studs is below the round plate and the face with 2 studs is now above the round plate. The face with three studs should click in to the round plate.

2. Place another black brick 5x5 round with plate around the round plate from the previous step, next to the ppp. Place another around the round plate from the previous step next to the ppp. Place a fourth brick around the round plate from the previous step, next to the ppp. This should make a full circle around the original round plate.

3.1. Place a black tile 4x4 curved corner brick directly inside of the ppp and on top of the black plate 8x8 round with hole. Place another in the same way next to the ppp. You can repeat this step two more times until four bricks have been placed in this step. At this point there should be a full circle of black tile 4x4 curved corner bricks.

Step 3.2

Place a black 3x3 tile curved corner brick directly inside of the ppp from the last step. Place another in the same way next to the ppp. You can repeat this step two more times until four bricks have been placed in this step. At this point there should be a full circle of black 3x3 tile curved corner bricks.

In this next step, you will be building 4 mini assemblies which are the feet of the microphone base.

4.1. Place a black turntable 2x2 round plate with rotation stem such that its studs are facing down.

Step 4.2

Place a black tire Ø14x4 smooth new style around the bottom of the ppp. The bottom of the ppp can be identified by being the part away from the studs. The black tire should be placed around the first set of grooves on the bottom of the turntable.

4.3. Repeat these steps three times so that there are four of these parts.

4.4. Place one of the parts assembled in the previous step at the bottom of the black brick 5x5 round with plates where two of those bricks meet so that two of the studs are connected to one brick, and the other two are on another brick. Repeat this step three times so all four of the legs of the microphone stand are placed, and equally spaced along the outside of the base.

5. Place a white 2x2 tile with vertical pin centered, on top of the black plate 8x8 round with hole.

Open group 2.

This is a new sub-assembly. You will be making the lower body of the microphone.

6.1. Start by placing a bright light blue 2x4 plate horizontally.

Step 6.2

Place a bright blue 1x4 plate, which is laid vertically so that the back 2 studs of the 1x4 plate are under the 2 leftmost studs of the 2x4 plate.

7. Place a bright blue 1x4 plate under the 2 rightmost studs of the 2x4 plate so that it is symmetrical to the other bright blue 1x4 plate.

8. Place a tan 4x6 plate on top of the 4 previously uncovered studs of the two 1x4 plates so that the side of the tan plate with 4 studs is directly next to the side of the 2x4 plate with 4 studs.

9.1. Place a bright light blue 1x4 plate vertically underneath the tan 4x6 plate in front of the bright blue 1x4 plate that was previously placed there on the right side.

Step 9.2

Place another bright light blue 1x4 plate vertically underneath the tan 4x6 plate in front of the bright blue 1x4 plate that was previously placed there on the left side symmetrical to the ppp. Keep the tan plate vertically oriented.

10.1. Place a white 1x4 brick vertically on top of the back right of the assembly you have made.

Step 10.2

Place another white 1x4 brick vertically on the back left of the assembly you have made.

10.3. Place another white 1x4 brick horizontally, directly in front of, and touching the two previously laid pieces.

In the next step, you will be building a new sub-assembly

11.1. Place a yellow axle 3 inside a medium stone gray 1x2 brick with axle hole so that the axle is fully inside the axle hole, but only coming out from the back face of the brick.

Step 11.2

Slide another medium stone gray 1x2 brick with axle hole over the axle from the back so that the two 1x2 bricks are touching, and the yellow axle is sticking out only from the back of the pair of bricks.

11.3. Place the previously assembled mini assembly so that the medium stone gray bricks are placed behind the most recently placed horizontal white 1x4 brick, so that the yellow axle is sticking out away from the horizontal white 1x4 brick.

In this next step, you will be building a mini assembly

12.1. Place a red 2x2x0.7 plate with 2 studs on the side so that the two studs on the side are facing the left.

Step 12.2

Place a bright light blue 2x2 jumper plate on top of the 2 lowest studs of the ppp.

12.3. Place a second red 2x2x0.7 plate with 2 studs on the side so that the two studs on the side are facing the right, and its 2 lower studs are connected to the 2 available anti-studs of the ppp. This red 2x2x0.7 plate with 2 studs on the side should be symmetrical to the other red 2x2x0.7 plate with 2 studs on the side.

12.4. Place a white 2x4 tile horizontally on top of the three pieces that were previously placed, so that the white tile is fully covering the tops of all 3 pieces previously placed

12.5. Place that 4-piece mini assembly horizontally in front of the horizontally placed white 1x4 brick so that the red side facing studs are pointing to the left and the right.

13. Place a medium stone gray 1x6 brick with holes in front of the previously placed mini assembly, horizontally. Place the brick on top of the tan 4x6 plate so that one brick length is overhanging on the left, and the right.

14.1 Place a bright light blue 2x4 plate vertically on the back right top of the assembly. Place another one vertically on the back left top of the assembly

Step 14.2

Place a medium stone gray 4x4 plate with 2x2 open center in front of the two previously placed pieces.

15. Place a bright light blue 2x4 tile horizontally on the backmost part of the top of the assembly, while still being completely on top of the previously placed bricks. Place another brick vertically in front of the ppp while keeping it placed down the middle of the assembly so that there are 2 columns of exposed studs on either side of it.

16.1. Place a bright light blue 1x4 plate directly to the right of the ppp. Place another one directly to the left of that vertically placed bright light blue 2x4 tile.

Step 16.2

Place the bright light blue 2x4 plate horizontally in front of the two previously placed pieces from the last step so that the medium stone gray 4x4 plate with 2x2 open center is fully covered in blue tiles.

17.1. Place a bright light blue 2x4 tile on the right side of the assembly such that the 4-wide side of the tile is flush with the top of the assembly, and the 2-wide side is touching the medium stone gray 1x6 brick with holes.

Step 17.2

Place another block bright light blue 2x4 tile on the left side of the assembly.

18.1. Place a bright light blue 1x1 brick on top of the right uncovered stud of the medium stone gray 1x6 brick with holes.

Step 18.2

Place bright light blue 1x1 brick symmetrically over the left stud of the medium stone gray 1x6 brick with holes.

19. Place a bright light blue 1x8 tile vertically on top of the assembly such that the tile runs the full length of the assembly starting to the left of the right-most bright light blue 1x1 brick. Place bright light blue 1x8 tile symmetrically such that the tile runs the full length of the assembly starting to the right of the left-most bright light blue 1x1 brick

20. Locate the middle hole on the medium stone gray 1x6 brick with holes that was previously placed and connect it to the microphone base that was built by sticking the vertical pin of the white 2x2 tile with vertical pin through the hole on the medium stone gray 1x6 brick with holes. Line up the faces of the microphone body with a corresponding leg of the microphone base. Orient the new assembly by having the studs on the microphone body face you.

21.1. Place a yellow axle 3 inside a black angle connector #3 (157.5°).

Step 21.2

Connect the open end of the black angle connector #3 (157.5°) to the yellow axle 3 Placed in step 11 such that the yellow axle 3 is pointing away from you.

Open group 3.

This is a new sub-assembly. You will be making the head of the microphone.

22.1 Place a white technic 2x4 plate with holes vertically in front of you.

Step 22.2

Place the white 2x2 inverted slope brick on top of the ppp such that it is connected to the two backmost studs with its overhang extending away from the ppp.

23.1. Place a white 2x2 inverted slope brick symmetrically to the ppp, facing forwards.

Step 23.2

Place a medium dark flesh 2x2 brick round with grille on the middle 4 studs of the white technic 2x4 plate.

24. Place the bright light blue 2x6 plate vertically over the assembly such that that plate is the only plate with exposed studs in the assembly.

25.1. Place a bright pink 1x1 slope curved double on top of the left most stud in the second row from the front of the ppp. Face the piece such that the flat sides of the piece are on the left and right sides of the assembly.

Step 25.2

Place another bright pink 1x1 slope curved double symmetrically to the ppp on the right of the ppp.

25.3. Place another bright pink 1x1 slope curved double symmetrically to the ppp so that it is on the right most stud in the fifth row from the front of the bright light blue 2x6 plate.

25.4. Place another bright pink 1x1 slope curved double symmetrically to the ppp so that it is to the left of the ppp.

Open group 4.

26.1. In this step we are building a new sub-assembly. Place a red 2x2x0.7 plate with two studs on the side laying flat, such that the studs on the side are facing away from you.

Step 26.2

Place a black 1x1 round plate with open stud on top of the ppp, on top of the lower half of the plate on the right most stud

26.3. place another black 1x1 round plate with open stud symmetrically on the left most stud of the red 2x2x0.7 plate with two studs on the side.

26.4. Place a yellow 1x2 brick with studs on one side on top of the two previously placed black 1x1 round plate with open stud pieces such that the studs on one side face you.

26.5. Place another yellow 1x2 brick with studs on the side directly behind the ppp such that its studs on the side are facing away from you.

26.6 Place a red 2x2x0.7 plate with two studs on the side on top of the four studs of the 2 yellow 1x2 brick with studs on the side such that its studs on the side are facing you.

26.7. Place a yellow 1x2 plate on top of the lower section of the red 2x2x0.7 plate with two studs on the side.

26.8. Take that sub-assembly you made during step 26, and put it top of the assembly you made from steps 22 to 25, such that the new assembly is between the 4 bright pink 1x1 slope curved double pieces. Place the new assembly so that its side that was facing you is now pointing in the same direction as the wide part of the past assembly, which is now facing your right.

For this step, we are building two new identical sub-assemblies.

27.1. Place a bright light blue 1x2 brick in front of you.

Step 27.2

Place another bright light blue 1x2 brick on top of the ppp.

27.3. Place a bright light blue 1x2 plate on top of the ppp.

27.4. Place this sub-assembly on top of the front row of studs, closest to you, of the bright light blue 2x6 plate from step 24.

27.5. build up another sub assembly identically to the steps described in steps 27.1 to 27.3.

27.6. Place this sub-assembly on top of the back row of studs, symmetrically to step 27.4.

28. Place a bright light blue 2x6 plate on top of the assembly spanning both bright light blue 1x2 plates.

Open group 5.

29.1. We are now building a new sub-assembly. Place a bright light blue 2x6 plate vertically in front of you.

Step 29.2

Place a bright light blue 1x2 brick horizontally on the back most row of the ppp.

30.1. Place a white 1x2 plate vertically on the rightmost studs directly in front of the ppp.

Step 30.2

Place a white 1x2 plate vertically on the studs directly to the left of the ppp.

30.3. Place a white 1x2 plate vertically on the studs directly in front of the ppp.

30.4. Place a white 1x2 plate vertically on the studs directly to the right of the ppp.

31.1. Place a red 2x2x0.7 plate with 2 studs on side such that it is on top of all four of the pieces placed in step 30. Orient the piece such that the side with the studs faces to the right.

Step 31.2

Place a bright pink 1x1 slope curved double on top of the exposed front right white 1x2 plate stud.

31.3 Place a bright pink 1x1 slope curved double on top of the exposed front left white 1x2 plate stud.

31.4 Place a bright pink 1x1 slope curved double on top of the exposed back left white 1x2 plate stud.

31.5 Place a bright pink 1x1 slope curved double on top of the exposed back right white 1x2 plate stud.

Open group 6.

32.1. Place a yellow 1x2 plate vertically on top of the two studs of the lower face of the red 2x2x0.7 plate with 2 studs on the side. It does not go on the side-studs of the plate.

Step 32.2

Place a bright light blue 1x2 brick horizontally on the front two studs of the bright light blue 2x6 plate

33.1 Place a bright light blue 1x2 brick directly on top of the ppp

Step 33.2

Place a bright light blue 1x2 brick symmetrically directly on top of the other bright light blue 1x2 brick from step 29.1.

Open group 7.

33.3 Place a white 1x2 brick horizontally on the front two studs of the red 2x2x0.7 plate with 2 studs on side and the yellow 1x2 plate

33.4 Place a white 1x2 brick symmetrically and horizontally on the back two studs of the red 2x2x0.7 plate with 2 studs on side and the yellow 1x2 plate

34. Place this sub-assembly you have built from steps 29 to 33 on top of the assembly from steps 22 to 28. Place the assemblies over each other such that their two bright light blue 2x6 plate are fully stacked on each other. Keep their orientations the same, such that the assembly on top has 2 studs facing the right, and the assembly on the bottom has 4 studs facing the right, with the two studs from the red 2x2x0.7 plate with 2 studs on side above the yellow 1x2 brick with studs on one side.

Open group 8.

We are now working on a new assembly, which is the front of the head of the microphone.

35.1. Place a white 4x8 plate vertically in front of you.

Step 35.2

Place a bright light blue 1x4 plate horizontally centered on top of the back row of the ppp.

36.1 Place a dark stone gray 2x6 plate vertically centered on top of the middle of the white 4x8 plate.

Open group 9.

Step 36.2

Place a bright light blue 2x6 plate vertically directly to the right of the ppp.

36.3 Place a bright light blue 2x6 plate vertically directly to the left of that dark stone gray 2x6 plate from step 36.1

37.1 Place a bright light blue 1x2 plate horizontally directly in front of the ppp such that half of the plate is overhanging.

Step 37.2

Place a bright light blue 1x4 plate horizontally directly to the right of the ppp such that one stud of the plate is overhanging.

38.1. Place a bright light blue 1x8 tile vertically such that it starts on the second stud from the right of the ppp and once placed has no overhang.

Step 38.2

Place a bright light blue 1x8 tile vertically and symmetrically to the ppp. There should be two columns of studs between the two tiles placed in step 38.

39.1. Place a white slope 2x3 brick with curved top on top of the assembly such that the curved slope is facing away from you, the brick has no overhang, and the brick is on the back three rows of the assembly

Step 39.2

Place a white 1x4 brick vertically on the right studs directly in front of the ppp

39.3. Place a white 1x4 brick vertically on the left studs directly to the left of the ppp

Open group 10.

40.1. Place a black 1x2 plate horizontally on top of the two studs of the white slope 2x3 brick with curved top that are furthest from its curved top.

Step 40.2

place a black 1x2 plate horizontally in front of the ppp such that there is one row of studs between this piece and the ppp.

40.3. Place a black 1x2 tile with rounded ends horizontally two studs in front of the ppp so that there is 1 row of studs between it and the ppp

41. Place a yellow 1x2 brick with studs on one side directly in front of the two white 1x4 brick pieces placed in step 39

Step 42.1

Place a bright light blue arch 1x3x1.7 with curved top horizontally on top of that bright light blue 1x2 plate stud that is still exposed so the curve of the arch is facing the left, and the flat side of the arch is facing you.

42.2. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the right of the ppp.

42.3. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

42.4. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the left of the ppp.

42.5. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

42.6. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the right of the ppp.

42.7. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

42.8. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the left of the ppp.

Open group 11.

43.1. Place a bright light blue 2x6 plate on top of the assembly so there is no overhang and at the front of the assembly so there are 2 uncovered studs at the back of the assembly.

Step 43.2

Place a 1x2 white ingot on the two studs behind the ppp

44.1. Place a bright light blue 2x4 plate vertically on top of the assembly as far back as it goes without overhang.

Step 44.2

Place a bright light blue 2x2 jumper plate directly in front of the ppp.

44.3. Place a bright light blue 1x2 plate horizontally in front of the ppp.

45. Place this assembly upright, attached to the previous microphone head assembly. Orient the current assembly such that the former front, which had yellow 1x2 brick with studs on one side, is facing upwards and front of that assembly is flush (even) with the top of the original body assembly and positioned on the original body's left face. The new assembly should be centered when mounted so that it is symmetrical, and not sticking out past the front or the back of the original assembly.

Open group 12.

We are now working on a new assembly, which is the back of the head of the microphone.

46.1. Place a white 4x8 plate in front of you such that the side with 4 studs is facing towards you.

Step 46.2

Place a bright light blue 1x4 plate horizontally centered on top of the back row of the ppp.

47.1 Place a dark stone gray 2x6 plate vertically centered on top of the middle of the white 4x8 plate.

Open group 13.

Step 47.2

Place a bright light blue 2x6 plate vertically directly to the right of the ppp.

47.3 Place a bright light blue 2x6 plate vertically directly to the left of that dark stone gray 2x6 plate from step 47.1

48.1 Place a bright light blue 1x2 plate horizontally directly in front of the ppp such that half of the plate is overhanging.

Step 48.2

Place a bright light blue 1x4 plate horizontally directly to the right of the ppp such that one stud of the plate is overhanging.

49.1. Place a bright light blue 1x8 tile vertically such that it starts on the second stud from the right of the ppp and once placed has no overhang.

Step 49.2

Place a bright light blue 1x8 tile vertically and symmetrically to the ppp. There should be two columns of studs between the two tiles placed in step 48.

50.1. Place a white slope 2x3 brick with curved top on top of the assembly such that the curved slope is facing away from you, the brick has no overhang, and the brick is on the back three rows of the assembly

Step 50.2

Place a white 2x2 inverted slope brick directly in front of the ppp, such that the slope is facing forward.

50.3. Place a medium dark flesh 2x2 brick round with grille directly in front of the ppp

Open group 14.

51.1. Place a white 1x2 plate horizontally on top of the two studs of the white slope 2x3 brick with curved top that are furthest from its curved top.

Step 51.2

place a white 1x2 plate horizontally in front of the ppp such that there is one row of studs between this piece and the ppp.

51.3. Place a white 1x2 plate horizontally two studs in front of the ppp so that there is 1 row of studs between it and the ppp

52. Place a yellow 1x2 brick with studs on one side directly in front of the medium dark flesh 2x2 brick round with grille placed in step 50.3.

53.1. Place a bright light blue arch 1x3x1.7 with curved top horizontally on top of that bright light blue 1x2 plate stud that is still exposed so the curve of the arch is facing the left, and the flat side of the arch is facing you.

Step 53.2

Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the right of the ppp.

53.3. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

53.4. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the left of the ppp.

53.5. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

53.6. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the right of the ppp.

53.7. Place another bright light blue arch 1x3x1.7 with curved top directly 2 studs back from the ppp.

53.8. Place another bright light blue arch 1x3x1.7 with curved top symmetrically to the left of the ppp.

Open group 15.

54.1. Place a bright light blue 2x6 plate on top of the assembly so there is no overhang and at the front of the assembly so there are 2 uncovered studs at the back of the assembly.

Step 54.2

Place a 1x2 white ingot on the two studs behind the ppp

55.1. Place a bright light blue 2x4 plate vertically on top of the assembly as far back as it goes without overhang.

Step 55.2

Place a bright light blue 2x2 jumper plate directly in front of the ppp.

55.3. Place a bright light blue 1x2 plate in front of the ppp.

56. Place this assembly upright, attached to the previous microphone head assembly. Orient the current assembly such that the former front, which had yellow 1x2 brick with studs on one side, is facing upwards and front of that assembly is flush (even) with the top of the original body assembly and positioned on original body's right face. The new assembly should be centered when mounted so that it is symmetrical, and not sticking out past the front or the back of the original assembly.

Open group 16.

You are now starting a new assembly. This is the top of the microphone head.

57.1. Place a medium stone gray 6x6 round plate with hole in front of you.

Step 57.2

Place a yellow 2x2 round plate with axle hole centered directly on top of the ppp.

58.1. Place a medium stone gray 2x2 tile with curved corner around the ppp.

Step 58.2

Place a medium stone gray 2x2 tile with curved corner around the yellow 2x2 round plate with axle hole and clockwise from the ppp.

58.3. Place a medium stone gray 2x2 tile with curved corner around the yellow 2x2 round plate with axle hole and clockwise from the ppp.

58.4. Place a medium stone gray 2x2 tile with curved corner around the yellow 2x2 round plate with axle hole and clockwise from the ppp.

58.5. Place a medium stone gray 3x3 tile with curved corner concentric with the yellow 2x2 round plate with axle hole and on the outside of the ppp.

58.6. Place a medium stone gray 3x3 tile with curved corner concentric with the yellow 2x2 round plate with axle hole and clockwise of the ppp.

58.7. Place a medium stone gray 3x3 tile with curved corner concentric with the yellow 2x2 round plate with axle hole and clockwise of the ppp.

58.8. Place a medium stone gray 3x3 tile with curved corner concentric with the yellow 2x2 round plate with axle hole and clockwise of the ppp.

59.1. Place a white technic 2x4 plate with holes over the center of the assembly such that the 4 middle studs of the plate are directly above the 4 studs of the yellow 2x2 round plate with axle hole. Orient the assembly such that the side of that plate with 4 studs is facing you.

Step 59.2

Place a white 2x2 jumper plate on top of the 4 central studs of the ppp.

For this next step, you will be building a 4-piece sub assembly. You will make 2 Identical copies of this assembly.

60.1. Place a white 1x2 plate horizontally in front of you.

Step 60.2

Place a white slope 1x2x1 curved with plate on the leftmost stud of the ppp. Orient the slope so that it is facing away from you.

60.3. Place a white slope 1x2x1 curved with plate on the stud to the right of the ppp. Orient the slope so that it is facing away from you.

60.4. Place a white 2x2 tile on top of the two available studs of the white slope 1x2x1 curved with plate pieces.

60.5. Repeat steps 60.1. through 60.4. so that there are two copies of that sub assembly.

60.6. Place one of the sub-assemblies you just made such that the anti-studs of the white 2x2 tile connects to 2 left uncovered studs from the white technic 2x4 plate with holes placed on step 59.1.

60.7. Place the other one of the sub-assemblies you just made symmetrically such that the white 2x2 tile connects to the 2 right uncovered studs from the white technic 2x4 plate with holes placed on step 59.1.

61. Place this completed assembly, the top of the microphone head, on top of the microphone head. This is done by centering the top of the microphone head over the other assembly and aligning the curved slope pieces from the top assembly with the narrow face of the head. The curved slope pieces should be right above a bright light blue 1x2 tile with groove.

62.1. Place a medium stone gray 2x2 tile round with hole in the center on top of the center of the top of the microphone head.

Step 62.2

Place another medium stone gray 2x2 tile round with hole in the center on the center stud of the bright light blue 2x2 jumper plate that is on the narrow side of the microphone head.

63.1. Place the microphone head on top of the microphone body by placing the center of the base of the head on top of the yellow axle 3 that is sticking out of the body. Orient the microphone head such that the ppp is pointing at a slight upward angle.

Congratulations, you have now finished building the microphone.

Open group 17.

You are now building a new assembly; these are the flowers that come with the microphone

64.1. Place a medium stone gray 4x4 plate with 2x2 open center in front of you.

Step 64.2

Place a black 1x4 plate directly on top of the ppp oriented vertically on the leftmost studs of the ppp.

Step 65.1

Place a black 1x4 plate to the right of the ppp.

65.2. Place a black 1x4 plate to the right of the ppp.

65.3. Place a black 1x4 plate to the right of the ppp.

66.1. Place a bright green 2x2 tile round with stud in the middle of the back two rows of studs of the assembly.

Step 66.2

Place a bright green 2x2 tile round with stud in the middle of the front two rows of studs of the assembly.

67.1. Place a lime 1x1 round plate on the rightmost studs of the assembly, on the second stud from the front.

Step 67.2

Place a lime 1x1 round plate on the rightmost studs of the assembly, on the third stud from the front.

67.3. Place a lime 1x1 plate plant with 3 leaves on the front right stud of the assembly such that the center leaf points to the front right.

67.4. Place a lime 1x1 plate plant with 3 leaves on the back right stud of the assembly such that the center leaf points to the back right.

68. Place a black 1x3 plate with rounded ends vertically on top of the two studs of the two bright green 2x2 tile round with stud.

69.1. Place a bright green 1.3x4x5 leaf layered (it is made up of 5 layers of small 3-pointed leaves that fan out from the over leaf's centerline) on the front stud of the ppp, with the leaves pointing at a 45-degree angle, so they are pointing to the front left.

Step 69.2

Place a lime 1x1 round plate on the stud behind the ppp.

69.3. Place a lime 1x1 round plate on the stud behind the ppp.

70.1. Place a white flower with squared petals (it has 7 mini petals, while being barely larger than a stud) on top of the lime 1x1 plate plant with 3 leaves in the front right of the assembly.

Step 70.2

Place a white flower with squared petals on top of the lime 1x1 plate plant with 3 leaves in the back right of the assembly.

71. Place a bright green 3l bar upright on the backmost stud of the bright green 1.3x4x5 leaf layered.

72. Place a lime plant leaves 6x5 swordleaf with clip so that the clip attaches to the ppp, and then slide down the piece and orient it so that the leaves face the back of the assembly, and it presses into the two lime 1x1 round plate pieces behind it.

73. Place a bright green gear with 4 knobs through the bright green 3l bar, and push it all the way down. Orient the piece so that one of the knobs faces forward.

We are now working on a new sub-assembly, which is a small flower similar to a daffodil.

74.1 Place a lime 1x1 plate plant with 3 leaves down in front of you so that the leaves point way from you (backward)

Open group 18.

Step 74.2

Place a green plant base with three branches on top of the one stud of the ppp such that all three branches are pointing up. Orient the branches so that one branch is facing backward, the same direction as the leaves on the ppp.

In the next step, you will be building 3 identical mini assemblies

74.3. Place an orange 1x1 flower in front of you

74.4. Place a yellow 1x1 plate plant with 3 leaves on top of the ppp

74.5. Repeat steps 74.3 and 74.4. 2 more times until there are 3 of those mini flower assemblies.

74.6. Place each of the three mini flower assembly on top of their own branch, upside-down, on the green plant base with three branches such that the leaves on the flower assemblies are facing away from the center, and the orange 1x1 flower is above the yellow 1x1 plate plant with 3 leaves on each branch, and the mini flower assemblies are on the top of their respective branches.

74.7 Place the lime 1x1 plate plant with 3 leaves (the base of the small flower assembly) on top of the stud furthest from the clip on the lime plant leaves 6x5 swordleaf with clip such that the two plant's leaves face the same direction

75.1. Place a bright green candle on top of the left knob of the bright green gear with 4 knobs, so that stud of the candle is pointing toward the ground.

Step 75.2

Place a bright green candle on top of the ppp, so that stud of the candle is pointing toward the ground.

76.1. Place a green bar with angle stud on top of the ppp so that its stud is facing the front right of assembly.

Step 76.2

Place a green bar with angle stud on top of the front facing knob of the bright green gear with 4 knobs, so that its stud is facing the front right of assembly.

You are now starting a new sub assembly: this is a large pink flower, and you will be making two identical copies of this flower.

77.1. Place a tan bevel gear half with 12 teeth in front of you such that the teeth are facing upward.

Step 77.2

Place a lime carrot leaves piece (in the shape of a small pin close to 2l long that splits up at the top into 2 small stubs) through the center of the ppp so that the two branches are above the teeth of the gear.

77.3. Place a lime 1x1 brick with studs on 4 sides in front of you, and place the bottom rod of the ppp through the top hole of the lime 1x1 brick with studs on 4 sides until the gear is touching the brick.

You will now be making the petals for this flower, which involves making 4 identical sub-assemblies

77.4. Place a bright pink slope 1x2 curved inverted brick in front of you so that the studs are facing upward, and the slope is facing away from you.

77.5. Place a bright pink slope 1x2 curved vertically on top of the ppp so that its slope is facing toward you with the two pieces only connected on the bottom stud of the ppp.

77.6. Assemble 3 more petals to have a total of 4 petals by repeating steps 77.4 and 77.5.

77.7. Place one of the petals you just made onto the right side stud of the lime 1x1 brick with studs on 4 sides. The petal is oriented so that its free stud is pointing to the back right. The petal is oriented so that the flat sides of the petal are facing up and down.

77.8. Place one of the petals you just made onto the back side stud of the lime 1x1 brick with studs on 4 sides. The petal is oriented so that its free stud is pointing to the back left. The petal is oriented so that the flat sides of the petal are facing up and down.

77.9. Place one of the petals you just made onto the left side stud of the lime 1x1 brick with studs on 4 sides. The petal is oriented so that its free stud is pointing to the front left. The petal is oriented so that the flat sides of the petal are facing up and down.

77.10. Place one of the petals you just made onto the front side stud of the lime 1x1 brick with studs on 4 sides. The petal is oriented so that its free stud is pointing to the front right. The petal is oriented so that the flat sides of the petal are facing up and down.

77.11. Repeat steps 77.1 to 77.10, until you have made 2 identical large pink flowers.

77.12. Place one of the large pink flower assemblies on the stud of the green bar with angle stud from step 76.2 using the bottom of the lime 1x1 brick with studs on 4 sides from step 77.3. Orient the flower so that the petals on the side are parallel with the ground (neither of them are pointing at the ground).

77.13. Place one of the large pink flower assemblies on the stud of the green bar with angle stud from step 76.1 using the bottom of the lime 1x1 brick with studs on 4 sides from step 77.3. Orient the flower so that the petals on the side are parallel with the ground (neither of them are pointing at the ground).

Congratulations, you have now finished the flowerbed. This microphone and flowerbed are both finished.

Retro-Style Radio Build (13 groups of bricks)

For this build, all three bags of bricks are opened at the start of the build

Group 1 contains the pieces for steps 1-7

Group 2 contains the pieces for steps 8-10

Group 3 contains the pieces for steps 11-12

Group 4 contains the pieces for steps 13-16

Group 5 contains the pieces for steps 17-21

Group 6 contains the pieces for steps 22-30

Group 7 contains the pieces for steps 31-32

Group 8 contains the pieces for steps 33-37

Group 9 contains the pieces for steps 38-51

Group 10 contains the pieces for steps 52-63

Group 11 contains the pieces for steps 64-70

Group 12 contains the pieces for steps 71-73

Group 13 contains the pieces for steps 73-76

A note for sighted helpers: I have rearranged the instructions for this entire sub-build to make the instructions more straightforward. For the main build, I have divided large steps into sub-steps, while keeping the base step number the same. Aka, step 3 might have sub-steps 3.1, 3.2, etc.

Open group 1.

1.1. We'll start off by building the body of the radio. Start by placing a red 2x2x0.7 plate with 2 studs on the side in front of you such that the 2 studs on the side are facing away from you.

Step 1.2

Place a tan 1x6 plate vertically on top of the ppp so that it is mounted to the left front stud of the ppp.

2.1. Place a red 2x2x0.7 plate with 2 studs on the side symmetrically attached to the ppp. Place it so that the studs on the side are facing forward, and it is connected to the tan 1x6 plate on its bottom so the back left stud of the plate is connected to the front anti-stud of the 1x6 plate.

Step 2.2

Place a white technic 2x4 plate with hole vertically underneath the tan 1x6 plate so that its sides line up with the sides of the 2 red 2x2x0.7 plate with 2 studs on the side pieces.

3. Place a dark stone gray 2x6 plate vertically directly to the right of the tan 1x6 plate so that their long sides are next to each other.

4.1. Place a bright light blue 2x4 plate vertically underneath the back right quarter of the ppp such that it is to the right of the white technic 2x4 plate with hole.

Step 4.2

Place a bright light blue 2x4 plate vertically underneath the front right quarter of the dark stone gray 2x6 plate such that it is to the right of the white technic 2x4 plate with hole.

5.1. Place a lime 1x1 round plate on the back row of studs on the second column from the right. This should be on a bright light blue 2x4 plate.

Step 5.2

Place a lime 1x1 round plate on the front row of studs on the second column from the right. This should be on a bright light blue 2x4 plate.

6.1. Place a bright light blue 1x2 plate vertically on the front right of the assembly so that it has no overhang.

Step 6.2

Place a bright light blue 1x2 plate vertically on the back right of the assembly so that it has no overhang.

6.3. Place a bright light blue 1x4 plate vertically in front of the ppp. At this point in the assembly there should be a grid of 4x8 exposed studs that are all at the same level.

7.1. Place a bright light blue 1x4 plate vertically on the leftmost column of studs centered on the 4 middle studs of that column.

Step 7.2

Place a black 1x4 tile vertically on the rightmost column of studs centered on the 4 middle studs of that column.

Open group 2.

8.1. Place a black 1x4 plate horizontally on top of the second row of the assembly from the front so that there is no overhang.

Step 8.2

Place a black 1x4 plate horizontally symmetrically on top of second row of the assembly from the back so that there is no overhang.

9.1. Place a white 1x4 brick vertically on the leftmost column of studs directly on top of the bright light blue 1x4 plate from step 7.1.

Step 9.2

Place a bright light blue 1x2 brick horizontally on top of the assembly so that it is behind the ppp and directly on top of the left two studs of black 1x4 plate from step 8.2.

9.3. Place a bright light blue 1x2 brick horizontally on top of the assembly so that it is in front the white 1x4 brick and directly on top of the left two studs of black 1x4 plate from step 8.1.

In the next step, you will be building 2 identical mini assemblies

10.1 Place a yellow 1x2 brick with studs on one side in front of you with the studs on the side facing you.

Step 10.2

Place a medium stone gray 1x2 jumper plate horizontally on top of the ppp.

10.3. Repeat steps 10.1 and 10.2 until there are two of those mini assemblies.

10.4. Place one of those mini assemblies horizontally on top of the front row of studs of the main assembly. The mini assembly will be on the left 2 studs of the front row, and the side studs will be facing forward.

10.5. Place the other one of those mini assemblies horizontally on top of the back row of studs of the main assembly. The mini assembly will be on the left 2 studs of the back row, and the side studs will be facing back.

Open group 3.

In the next step, you will be building 2 identical mini assemblies

11.1 Place a white 1x2 brick in front of you horizontally.

Step 11.2

Place a white 1x2 plate directly on top of the ppp, such that there is no overhang.

11.3. Repeat steps 11.1 and 11.2 until there are two of those mini assemblies.

11.4. Place one of those mini assemblies horizontally on top of the front row of studs of the main assembly. The mini assembly will be on the right 2 studs of the front row.

11.5. Place the other one of those mini assemblies horizontally on top of the back row of studs of the main assembly. The mini assembly will be on the right 2 studs of the back row.

In the next step, you will be building 1 mini assembly

12.1. Place a medium stone gray 1x2 brick with axle hole horizontally in front of you so that the hole is facing you.

Step 12.2

Place a 6l black axle through the axle hole of the ppp such that the axle is flush (flat) against the front face of the ppp and the axle is sticking out backward.

12.3. Place a dark stone gray 1x2 liftarm with axle hole and pin hole on the axle through its axle hole. Orient the liftarm so that the long side of the liftarm is pointing to the right. Slide the piece down the axle so that it is touching the medium stone gray 1x2 brick with axle hole.

12.4. Place a medium stone gray 1x2 brick with axle hole on the back end of the 6l black axle so that it is placed opposite the medium stone gray 1x2 brick with axle hole placed in step 12.1. the two bricks should be on opposite ends of the axle

12.5. Place this mini assembly on top of the previous assembly. Place it between the two mini assemblies made in step 11. Orient it such that the dark stone gray 1x2 liftarm with axle hole and pin hole on the mini assembly is pointing to the right, and located toward the front of the assembly.

Open group 4.

13.1. Place a bright light blue 1x2 brick vertically on top of the leftmost column of studs of the assembly. Place it in the middle of that column, so that there are 2 studs directly in front of it, and two studs behind it.

Step 13.2

Place another bright light blue 1x2 brick vertically directly in front of the ppp.

13.3 Place another bright light blue 1x2 brick vertically directly behind the brick placed in step 13.1.

14.1. Place a white 1x4 brick horizontally behind the ppp such that there is no overhang.

Step 14.2

Place another brick horizontally symmetrical to the ppp such that it is on the front row of studs on the assembly.

15.1 Place a white 2x2 inverted slope brick behind the ppp such that its inverted slope is facing the back

Step 15.2

Place another piece symmetrically so that its slope is facing the front of the assembly, and it is placed on the back half of the assembly.

In the next step, you will be building 1 mini assembly

16.1. Place a medium stone gray 1x6 brick with holes vertically in front of you.

Step 16.2

Place a dark stone gray 1l pin with friction ridges into the front hole of the ppp with the stud on the right side

16.3. Place a dark stone gray 1l pin with friction ridges into the side hole directly behind the ppp with its stud on the right side

16.4. Place a dark stone gray 1l pin with friction ridges into the side hole directly behind the ppp with the stud on the right side

16.5. place the mini assembly vertically on top of the original assembly on the rightmost column of studs. Orient it so that the studs face to the right, and the assembly is sandwiched between 2 white 1x4 brick.

Open group 5.

17.1. Place a black 1l bar with 1x1 round plate on the front right side stud of the mini assembly you just made in step 16. Orient it such that the bar of the piece is pointing forward.

On steps 17.2. and 17.3. you will be building 1 mini assembly.

Step 17.2

Place a dark stone gray 1x1 liftarm in front of you such that holes of the piece are facing to the side.

17.3. Place a yellow 2l pin without friction ridges on the left side of the ppp

17.4. Place that mini assembly, using the pin, in the backmost hole of the medium stone gray 1x6 brick with holes so that it sticks out towards the right

On steps 17.5. and 17.6. you will be building 1 mini assembly.

17.5. Place a dark stone gray 1x1 liftarm in front of you such that holes of the piece are face the ceiling.

17.6. Place a red 1l pin with friction ridges in the ppp such that the stud is pointing up.

17.7. Place that mini assembly, using the stud of the 1l pin, on the second hole from the back of the medium stone gray 1x6 brick with holes so that it sticks out towards the right

18.1. Place a yellow 1x2 plate horizontally on the frontmost row of studs on the left corner so that there is no overhang.

Step 18.2

Place a yellow 1x2 plate horizontally, symmetrically on the backmost row of studs on the left corner so that there is no overhang.

18.3. Place a bright light blue 2x6 plate vertically directly in front of the ppp such that it is between the two previously placed yellow 1x2 plate pieces.

19.1. Place a white 2x2 tile on top of the front right corner of the assembly so that there is no overhang.

Step 19.2

Place a white 2x4 tile vertically directly behind the ppp.

19.3 Place a white 2x2 tile directly behind the ppp.

20.1. Place a medium stone gray 1x2 jumper plate vertically on the leftmost column of studs, on top of the second and third stud from the front.

Step 20.2

Place a black 1x2 tile with rounded ends vertically directly behind the ppp.

20.3. Place a medium stone gray 1x2 jumper plate vertically directly behind the ppp.

21.1. Place a bright light blue 1x2 brick horizontally behind the ppp such that there is no overhang.

Step 21.2

Place another bright light blue 1x2 brick symmetrically, horizontally, on the front row of studs of the assembly, on the left side.

Open group 6.

Now you will be building a new sub assembly which is the grille for the radio.

22.1. Place a bright light blue 2x6 plate vertically in front of you.

Step 22.2

Place a tan 1x6 plate vertically directly on top of the ppp, on its left column of studs.

22.3. Place a white 2x4 tile vertically, to the right of the ppp. This piece will be mounted to the back 3 uncovered studs of the bright light blue 2x6 plate.

22.4. Place a white 2x4 tile vertically, directly in front of the ppp.

22.5. Place a bright light blue 2x6 plate vertically on top of the 6 available studs on the sub assembly using its leftmost anti-studs so that there is no overhang.

22.6. Place a black 1x4 plate vertically on top of the ppp so that it is mounted to the front 3 studs on the left column of the ppp.

22.7. Place a black 1x4 plate vertically, directly behind the ppp.

22.8. Place a white 2x4 tile vertically, directly to the right of the ppp.

22.9. Place a white 2x4 tile vertically, directly in front of the ppp.

22.10. Place a bright light blue 2x6 plate vertically on top of the middle 6 available studs on the sub assembly using its leftmost anti-studs so that there is no overhang.

22.11. Place a tan 1x6 plate on top of the left column of studs of the ppp

22.12. Place a white 2x4 tile vertically to the right of the ppp so that it is mounted to the front 3 studs on the right column the piece below it.

22.13. Place a white 2x4 tile vertically directly behind the ppp.

22.14. Place a bright light blue 2x6 plate vertically on top of the 6 available studs on the sub assembly using its leftmost anti-studs so that there is no overhang.

22.15. Place a tan 1x6 plate vertically on top of the ppp so that it is on its left column and there is no overhang.

22.16 Place this subassembly on top of the large assembly so that it is places symmetrically with the same orientation, on the right side of the large assembly, but without overhang. The two black 1x4 plate that over hanged on the sub assembly are mounted on top of the right studs of the bricks placed in step 21.

23.1 Rotate the assembly so that the right side (side with the grille) is now facing the left, but the studs are still facing up.

Step 23.2

Place a black 1x1 round plate with open stud on top of the last available stud of the 1x2 brick in the front of the assembly placed in step 21.1.

23.3. Place a black 1x1 round plate with open stud on top of the last available stud of the 1x2 brick in the back of the assembly placed in step 21.2.

In the next step, two Identical mini assemblies will be made.

24.1 Place a bright light blue 1x2 brick horizontally in front of you.

Step 24.2

Place a yellow 1x2 brick with studs on one side directly on top of the ppp such that the studs on one side are facing forward.

24.3. Repeat steps 24.1 and 24.2 until there are 2 of those mini assemblies.

24.4. Place one of this mini assemblies that you just made horizontally on top of the black 1x1 round plate with open stud at the front of the assembly such that there is no overhang, and its two studs on the side are vertically aligned with studs on the side toward the bottom of the assembly.

24.5. Place the other one of this mini assemblies that you just made horizontally on top of the black 1x1 round plate with open stud at the back of the assembly such that there is no overhang, and its two studs on the side are vertically aligned with studs on the side toward the bottom of the assembly.

25.1 Rotate the assembly so that the left side (side with the grille) is now facing the right, but the studs are still facing up.

Step 25.2

Place a white 2x4 tile vertically and to the right of the previously placed yellow 1x2 brick with studs on one side at the front of the assembly so that the tile is above the previously placed identical white 2x4 tiles that make up the grille.

25.3. Place a white 2x4 tile vertically directly behind the ppp.

In this next step, one subassembly will be made

26.1. Place a bright light blue 2x6 plate directly in front of you so that the side with 2 studs is facing you.

Step 26.2

Place a black 1x2 plate vertically on top of the front two rows of the left column of the ppp

26.3. Place a medium stone gray 1x2 jumper plate vertically directly behind the ppp

26.4. Place a black 1x2 plate vertically, directly behind the ppp

26.5. Place that mini assembly vertically on top of that tan 1x6 plate which is at the top of the grille subassembly. Orient the mini assembly so that it has no overhang, and the two black 1x2 plate pieces of the mini assembly are on the left side, while the right half of the bright light blue 2x6 plate is above the two white 2x4 tiles.

In this next step, one mini assembly will be made

27.1. Place a black 1x1 brick with axle hole directly in front of you such that the axle hole is facing towards you.

Step 27.2

Place a blue 2L pin with axle with friction ridges inside the axle hole of the ppp (using the axle).

27.3. Place the mini assembly by putting the black 1x1 brick with axle hole on top of the back left stud of the assembly such that the pin connector of the mini assembly is pointing to the left.

27.4. Place a bright light blue 1x1 brick on the front left stud of the assembly.

28.1. Place a white technic 2x4 plate with holes on top of the middle 4 studs of the right column of the bright light blue 2x6 plate on top of the assembly.

Step 28.2

Place a white 2x2 tile directly in front of the ppp. It will only be connected to 1 stud.

28.3. Place a white 2x2 tile directly behind the white technic 2x4 plate with holes placed in step 28.1.

29.1. Place a red 2x2x0.7 plate with 2 studs on side on top of the assembly such that the studs on the side are facing forward and the plate is on the front row of studs. The red plate should be connected to two studs, and the right half of the plate should be on top of the white 2x2 tile with groove. There should be no overhang.

Step 29.2

Place a red 2x2x0.7 plate with 2 studs on side symmetrically on top of the assembly such that the studs on the side are facing backward and the plate is on the back row of studs. The red plate should be connected to two studs on the left, and the right half of the plate should be on top of the white 2x2 tile with groove. There should be no overhang.

29.3. Place a bright light blue 1x4 plate directly behind the ppp, behind its left column of studs.

29.4. Place a bright light blue 1x4 plate directly to the right of the ppp.

30.1. Place a yellow 2x2 round plate with axle hole on top of the center 4 studs of the two previously placed pieces (bright light blue 1x4 plate)

Step 30.2

Place a white 2x2 jumper plate directly in front of the ppp.

30.3. Place a white 2x2 jumper plate symmetrically directly behind the yellow 2x2 round plate with axle hole placed in step 30.1.

Open group 7.

31.1. Place a white 1x2 plate on top of the 2 available studs of the backmost red 2x2x0.7 plate with 2 studs on side.

Step 31.2

Place a white 1x2 plate on top of the 2 available studs of the frontmost red 2x2x0.7 plate with 2 studs on side.

31.3. Place a dark stone gray 2x6 plate vertically between the two pieces you just placed.

32.1. Place a white 2x4 brick vertically directly to the right of the ppp such that the front right edge of the brick lines up with the front right edge of the assembly.

Step 32.2

Place another brick vertically directly behind the ppp. There should be no overhang.

Open group 8.

Step 33.1

Place a bright light blue 1x2 plate horizontally on the left 2 studs of the front row of studs of the assembly.

33.2. Place a bright light blue 1x2 plate symmetrically horizontally on the left 2 studs of the back row of studs of the assembly.

33.3. place a bright light blue 2x6 plate vertically between the two previously placed pieces.

34.1. Place a bright light blue 2x4 plate vertically to the right of the ppp such that the front right edge of the plate lines up with the front right edge of the assembly.

Step 34.2

Place another bright light blue 2x4 plate vertically directly behind the ppp. There should be no overhang.

35.1. Place a bright light blue 1x8 tile vertically on the rightmost column of studs such that there is no overhang.

Step 35.2

Place another bright light blue 1x8 tile symmetrically, vertically on the leftmost column of studs such that there is no overhang.

Now you will be building a new sub assembly which is the left side of the radio.

36.1. Place a white 4x8 plate vertically in front of you.

Step 36.2

Place a black 1x1 round plate with open stud on the back left corner stud of the ppp.

37.1. Place a black 1x1 round plate with open stud on the front left corner stud of the white 4x8 plate.

Step 37.2

Place a bright light blue 1x2 plate horizontally behind the ppp so that it is on the 2 left studs of the second row of the white 4x8 plate.

37.3. Place a red 2x2x0.7 plate with 2 studs on the side such that the studs on the side are facing the left. Place the plate on the sixth and seventh rows of studs from the front on the white 4x8 plate. The piece should be put on the left studs of those rows so that there is no overhang.

Open group 9.

38.1. Place a black 1x1 round plate with open stud on the back stud of the lower part of the plate of the ppp.

Step 38.2

Place a white 1x2 plate directly on top of the bright light blue 1x2 plate placed in step 37.2 so that there is no overhang.

39. Place a bright light blue 2x6 plate vertically on top of the ppp such that the front 2 studs of the plate are directly over the ppp.

40.1. Place a white slope 2x3 brick with curved top vertically on the back of the 2 rightmost rows of the white 4x8 plate with the slope of the brick facing away from you. The brick should be placed such that the back right edge of the brick lines up with the back right edge of the sub assembly.

Step 40.2

Place the white 2x2 inverted slope brick directly in front of the ppp, with its slope pointing to the left.

In the next step, you will be building a mini assembly

41.1. Place a dark stone gray 1x1 brick with pinhole in front of you so that the hole is pointing to the side.

Step 41.2

Place a black 3l axle with friction pin inside the hole of that one/pp so that the axle sticks out to the right side, and the friction pin goes in the hole.

41.3. Place that mini assembly on the third column and third row stud from the front left. Point the axle to the right.

In the next step, you will be building a mini assembly

42.1. Place a white 1x2 plate horizontally in front of you.

Step 42.2

Place a white slope 1x2x1 curved with plate on the left stud of the ppp such that the curved slope is facing forwards and the stud of the plate is above the left stud of the white 1x2 plate.

42.3. Place a white slope 1x2x1 curved with plate symmetrically, directly to the right of the ppp.

42.4. Place a white 1x2 plate horizontally on top of the studs of those last two placed pieces.

42.5. Place the mini assembly such that the front right corner of the mini assembly lines up with the front right corner of the sub assembly. Orient the mini assembly such that the slopes face forward.

43. Place a bright light blue 1x8 tile on the left face of the sub assembly. It will be sideways such that the side that is 8 studs wide will be facing up, and the edges of the tile line up with the corners of the sub assembly. The tile will be connected to the studs on the side of the sub assembly.

44.1. Place 4 bright light blue arch 1x3x1.7 with curved top oriented such that the arch is facing forward, one to the left of the other, with the first piece being placed on top of the front right stud on the top level of the assembly.

Step 44.2

Place 4 bright light blue arch 1x3x1.7 with curved top oriented such that the arch is facing backward, one to the left of the other, with the first piece being placed on top of the back right stud on the top level of the assembly.

45.1. Place a bright light blue 1x4 plate vertically directly in front of the ppp.

Step 45.2

Place a bright light blue 1x4 plate vertically on the opposite side of the ppp such that there are two columns of studs between them.

45.3. Place a bright light blue 2x4 tile vertically directly between the two previously placed pieces in steps 45.1 and 45.2.

46.1. Place a bright light blue 2x4 tile horizontally on the front 2 rows of studs on top of the assembly so there is no overhang.

Step 46.2

Place another bright light blue 2x4 tile directly behind the ppp such that there is no overhang.

46.3. Place another bright light blue 2x4 tile directly behind the ppp such that there is no overhang.

In this next step, you will be building a mini assembly.

47.1. Place a medium dark flesh 2x2 brick round with grille in front of you so that its studs are facing up

Step 47.2

Place a medium stone gray 2x2 tile round with hole in the center directly on top of the ppp such that there is no overhang.

47.3. Slide the mini assembly onto the black 3l axle with friction pin so that it touches the side of the assembly.

48.1. Rotate the assembly such that the top is now facing the ground. The previously made mini assembly should be pointing forward.

Step 48.2

Place a bright light blue 1x4 plate vertically and upside down so its studs go into the assembly on the rightmost column of studs. The plate should now be even with the 4x8 plate to its left.

48.3. Place another bright light blue 1x4 plate vertically and upside down so its studs go into the assembly on the leftmost column of studs. The plate should now be even with the 4x8 plate to its right.

49. Place the sub assembly you just made onto the main assembly. The main assembly is oriented such that the grille of the radio face to the right, and the top studs are facing up. Orient the sub assembly in front of the main assembly such that the mini assembly with the stacked dark flesh 2x2 brick round with grille and medium stone gray 2x2 tile round with hole in the center from step 47 is facing the right, while the anti-studs are facing away from you and towards the main assembly. Directly place the sub assembly onto the main assembly keeping these orientations such that the top and bottom edges of both assemblies are touching, as well as the right and left sides of both assemblies.

Now you will be building a new sub assembly which is the right side of the radio.

50.1. Place a white 4x8 plate vertically in front of you.

Step 50.2

Place a black 1x1 round plate with open stud on the back left corner stud of the ppp.

51.1. Place a black 1x1 round plate with open stud on the front left corner stud of the white 4x8 plate.

Step 51.2

Place a bright light blue 1x2 plate horizontally so that it is on the 2 left studs of the seventh row of the white 4x8 plate, counting from the front.

51.3. Place a red 2x2x0.7 plate with 2 studs on the side such that the studs on the side are facing the left. Place the plate on the second and third rows of studs from the front on the white 4x8 plate. The piece should be put on the left studs of those rows so that there is no overhang.

Open group 10.

52.1. Place a black 1x1 round plate with open stud on the front stud of the lower part of the plate of the ppp.

Step 52.2

Place a white 1x2 plate directly on top of the bright light blue 1x2 plate placed in step 51.2 so that there is no overhang.

53. Place a bright light blue 2x6 plate vertically on top of the ppp such that the back 2 studs of the plate are directly over the ppp.

In the next step, you will be building a mini assembly

54.1. Place a white 1x2 plate horizontally in front of you.

Step 54.2

Place a white slope 1x2x1 curved with plate on the left stud of the ppp such that the curved slope is facing back and the stud of the plate is above the left stud of the white 1x2 plate.

54.3. Place a white slope 1x2x1 curved with plate symmetrically, directly to the right of the ppp.

54.4. Place a white 1x2 plate horizontally on top of the studs of those last two placed pieces.

54.5. Place the mini assembly such that the back right corner of the mini assembly lines up with the back right corner of the sub assembly. Orient the mini assembly such that the slopes face back.

In the next step, you will be building a mini assembly

55.1. Place a dark stone gray 1x1 brick with pinhole in front of you so that the hole is pointing to the side.

Step 55.2

Place a black 3l axle with friction pin inside the hole of that one/pp so that the axle sticks out to the right side, and the friction pin goes in the hole.

55.3. Place that mini assembly on the sixth column and third row stud from the front left. Point the axle to the right.

56.1. Place a white slope 2x3 brick with curved top vertically on the front of the 2 rightmost rows of the white 4x8 plate with the slope of the brick facing towards you. The brick should be placed such that the front right edge of the brick lines up with the front right edge of the sub assembly.

Step 56.2

Place the white 2x2 inverted slope brick directly behind of the ppp, with its slope pointing to the left.

57. Place a bright light blue 1x8 tile on the left face of the sub assembly. It will be sideways such that the side that is 8 studs wide will be facing up, and the edges of the tile line up with the corners of the sub assembly. The tile will be connected to the studs on the side of the sub assembly.

58.1. Place a bright light blue arch 1x3x1.7 with curved top on top of the front right stud on the top level of the assembly. Orient the arch so that the curved top is facing forward.

Step 58.2

Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

58.3. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

58.4. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

58.5. Place another bright light blue arch 1x3x1.7 with curved top on top of the back right stud on the top level of the assembly. Orient the arch so that the curved top is facing back.

58.6. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

58.7. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

58.8. Place another bright light blue arch 1x3x1.7 with curved top directly to the left of the ppp

59.1. Place a bright light blue 1x4 plate vertically directly in front of the ppp.

Step 59.2

Place a bright light blue 1x4 plate vertically symmetrically to the ppp on the right side of the sub assembly

59.3. Place a bright light blue 2x4 tile vertically directly between the two previously placed pieces in steps 59.1 and 59.2.

60.1. Place a bright light blue 2x4 tile horizontally on the front 2 rows of studs on top of the assembly so there is no overhang.

Step 60.2

Place another bright light blue 2x4 tile directly behind the ppp such that there is no overhang.

60.3. Place another bright light blue 2x4 tile directly behind the ppp such that there is no overhang.

In this next step, you will be building a mini assembly.

61.1. Place a medium dark flesh 2x2 brick round with grille in front of you so that its studs are facing up

Step 61.2

Place a medium stone gray 2x2 tile round with hole in the center directly on top of the ppp such that there is no overhang.

61.3. Slide the mini assembly onto the black 3l axle with friction pin so that it touches the side of the assembly.

62.1. Rotate the assembly such that the top is now facing the ground. The previously made mini assembly should be pointing forward.

Step 62.2

Place a bright light blue 1x4 plate vertically and upside down so its studs go into the assembly on the rightmost column of studs. The plate should now be even with the 4x8 plate to its left.

62.3. Place another bright light blue 1x4 plate vertically and upside down so its studs go into the assembly on the leftmost column of studs. The plate should now be even with the 4x8 plate to its right.

63. Place the sub assembly you just made onto the main assembly. This sub assembly will be mounted to the main assembly symmetrically, on the opposite side of the main assembly, to how the left side of the radio was mounted on step 49.

Open group 11.

In this next step, you will be building 4 mini assemblies which are the feet of the radio.

64.1. Rotate the assembly such that the radio's grille is facing forward, and the exposed studs that used to be facing up, are now facing down. The radio should be upside down and facing you.

Step 64.2

Place a black turntable 2x2 round plate with rotation stem such that its studs are facing down.

64.3. Place a black tire Ø14x4 smooth new style around the bottom of the ppp. The bottom of the ppp can be identified by being the part away from the studs. The black tire should be placed around the first set of grooves on the bottom of the turntable.

64.4. Repeat these steps three times so that there are four of these parts.

64.5. Place one of the mini assemblies you just made on the back right 4 anti-studs of the assembly.

64.6. Place one of the mini assemblies you just made on the back left 4 anti-studs of the assembly.

64.7. Place one of the mini assemblies you just made on the front right 4 anti-studs of the assembly.

64.8. Place one of the mini assemblies you just made on the front left 4 anti-studs of the assembly.

65.1 Rotate the assembly so that it is standing on the 4 legs that you just made while the grill faces toward your right.

Step 65.2

Place a bright light blue 2x2 jumper plate on the front 2 rows of studs available on the top of the assembly.

65.3. Place another bright light blue 2x2 jumper plate behind the ppp.

65.4. Place another bright light blue 2x2 jumper plate behind the ppp.

65.5. Place another bright light blue 2x2 jumper plate behind the ppp.

In this next step, you will be building 1 mini assembly which is the antenna of the radio.

66.1 Place a dark stone gray axle 8 with end stop vertically in front of you so that the end stop is on the side away from you.

Step 66.2

Place a medium stone gray pin joiner round with slot through the axle until it is stopped by the end stop.

66.3. Place a medium stone gray bushing through the axle until it is stopped by the ppp.

66.4. Place a medium stone gray angle connector #1 (it has a main axle hole, and then a pin hole angled perpendicularly to the axle hole at the end of the axle hole) on the front end of the axle such that the open pin holes are pointing to the side.

66.5 Place the mini assembly you just made on the side of the radio opposite the grilles by connecting the ppp to the blue 2L pin with axle with friction ridges that is sticking out of the main assembly, on the side opposite the grilles. Rotate the axle so that is pointing up and slightly away from you.

67.1. Place a bright green 2x2 tile round with stud on the third stud from the front on the top of the assembly

Step 67.2

Place a lime 1x1 plate plant with 3 leaves on top of the stud behind the ppp. Point the center of the 3 leaves to the right, which is the direction of the grille.

67.3. Place a lime 1x1 plate plant with 3 leaves on top of the ppp, oriented such that its leaves face away from you.

68.1. Place a bright green 1.3x4x5 leaf layered (it is made up of 5 layers of small 3-pointed leaves that fan out from the over leaf's centerline) on top of the bright green 2x2 tile round with stud from step 67.1. Place it such that the anti-stud furthest from the leaves is placed on top of the stud of the ppp. Orient the leaves to face the right, which is the direction of the grille.

Step 68.2

Place a bright green 3l bar on top of the leftmost stud of the ppp.

You will now be building a new sub assembly: a trio of flowers.

69.1. Place a bright green gear with 4 knobs in front of you so that the axle hole is facing up and one of the knobs is facing forward.

Step 69.2

Place a bright green sausage on top of the front knob of the ppp oriented such that the sausage bends towards you.

69.3. place a bright green sausage on top of the rightmost knob of the bright green gear with 4 knobs oriented such that the sausage bends to the right.

70.1 Place a black 1l bar with 1x1 round plate on top of the leftmost knob of the bright green gear with 4 knobs oriented such that its stud faces the left (outside).

Open group 12.

In the next step you will be making 3 identical mini assemblies. These will be the flowers.

71.1. Place a yellow 1x1 plate plant with 3 leaves in front of you such that its stud faces up, and the central leaf points to the left.

Step 71.2

Place a yellow 1x1 plate plant with 3 leaves on top of the ppp such that its central leaf points to the right, opposite the ppp.

71.3. Place a reddish orange brick 1.5x1.5x0.7 round dome hat on top of the one stud of the ppp.

71.4. Place an orange 1x1 flower on top of the one stud of the ppp.

71.5. Repeat steps 71.1, 71.2, 71.3, and 71.4 until you have made 3 identical mini assemblies.

71.6. Place one of the mini assemblies you just made with its bottom anti-stud connecting to the bright green sausage on the front knob that is pointing towards you such that the bottom central leaf points to the right, and the top central leaf points to the left.

71.7. Place one of the mini assemblies you just made with its bottom anti-stud connecting to the bright green sausage on the right knob such that the bottom central leaf points to the left, and the top central leaf points to the right.

71.8. Place one of the mini assemblies you just made with its bottom anti-stud connecting to the stud of the black 1l bar with 1x1 round plate on the left knob, which points to the left. Orient this such that the formerly bottom flower points backward, and the formerly top flower points forward.

72. Place this sub-assembly on top of the bright green 3l bar placed in step 68.2 by skewering the center of the bright green gear with 4 knobs such that the flowers are pointing up and towards the side with the grille. Orient the flower trio sub assembly such that the knob of the bright green gear with 4 knobs without anything connected to it is pointing left of the face of the grille, which should be the side of the assembly facing towards you.

Open group 13.

You will now be building a new sub assembly: a pair of flowers.

73.1. Place a black 1x3 plate with rounded ends vertically in front of you.

Step 73.2

Place a lime plant leaves 6x5 swordleaf with clip (open 'o' clip) so that its two bottom anti-studs are connected to the back two studs of the ppp. Face the plate leaves such that the central leaf is pointing away from you.

74. Place a lime 1x1 plate plant with 3 leaves on top of the backmost stud of the ppp. Orient the leaves so that the central leaf is pointing to the right, and then pull it towards you so it is pointing slightly forward and to the right.

In the next step you will be making 2 identical mini assemblies. These will be the flowers.

75.1. Place a lime 1x1 brick with studs on four sides in front of you so that one of the faces of the brick is facing you.

Step 75.2

Place a white flower (it has 7 mini petals, while being barely larger than a stud) with squared petals on the top stud of the ppp.

75.3. Place a bright pink 1x1 slope curved on the front face stud of the lime 1x1 brick with studs on four sides such that its flat sides are facing up and down.

75.4. Place a bright pink 1x1 slope curved on the back face stud of the lime 1x1 brick with studs on four sides such that its flat sides are facing up and down.

75.5. Place a bright pink 1x1 slope curved on the left face stud of the lime 1x1 brick with studs on four sides such that its flat sides are facing up and down.

75.6. Place a bright pink 1x1 slope curved on the right face stud of the lime 1x1 brick with studs on four sides such that its flat sides are facing up and down.

75.7. Place a green 1l bar with angled stud on the bottom anti-stud of the lime 1x1 brick with studs on four sides using its angled stud. Orient the green bar so that it bends away from you.

75.8. Repeat steps 75.1, 75.2, 75.3, 75.4, 75.5, 75.6, and 75.7 until you have made 2 identical mini assemblies.

75.9. Place one of the mini assemblies you just made through the open 'o' clip of the lime plant leaves 6x5 swordleaf with clip (open 'o' clip) by using the green bar on the mini assembly. Orient the mini assembly such that the flower points away from you.

75.10. Place one of the mini assemblies you just made through the open stud of the lime 1x1 plate plant with 3 leaves by using the green bar on the mini assembly. Orient the mini assembly such that the flower points away from you.

76. Place the sub assembly on top the retro radio. Place the front and back anti-studs on the bottom of the sub assembly on top of the two available studs on top of the radio. Orient the sub assembly so that the flowers are facing to the left of the grille, which should be the side of the assembly facing towards you.

Congratulations, you have now finished the retro-style radio build.

Thank you so much for building this set!

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