Creative Solutions
For Gamers

THE CROW
MANUAL

WARNINGS

Risks related to the installation and use of the product and the rules / warnings that the consumer should follow when assembling the product:

1. The product should be installed on the wall by a qualified technician, installation of the product by non-professionals may cause damage to the product or personal injury;
2. When assembling the device, use the accessories and parts supplied with the product. Other accessories, not provided by the manufacturer, may not support the weight of the product, which may result in it falling and causing damage and personal injury;
3. When mounting the product on a wall, the following areas should be avoided to ensure safety, high performance of the product and prevent product failure:

- do not install the product in a place susceptible to vibrations and impacts - the fixings of the product may become loose and the product may fall and become damaged and cause personal injury;
- do not install the product near fire sprinklers - the heat generated by the product may activate the sprinkler, which will flood the device; this may in turn cause a short circuit or electric shock from computing devices installed on the product;
- do not install the product near heating devices - the product may overheat and not work properly;
- do not install the product in a place where electric cables run (including in the wall) - when installing the product, the cable may be punctured, which may result in electric shock or even death;
- do not install the product in a place where water supply pipes run (including in the wall) - when installing the product, the pipe may be punctured, which may flood the device; this may in turn cause a short circuit or electric shock from computing devices installed on the product;
- do not mount the product on a wall that will not support its weight (e.g. plasterboard walls) - the product may fall and become damaged and cause personal injury;
- do not install the product near kitchen worktops and air humidifiers, where it will be exposed to fats, moisture or oil mist - this may cause damage to the product and its fall, and personal injury, including electric shock;
- do not install the product in places where it may be splashed, for example under shelves with items filled with water or liquid - items with water or other liquid may drip onto the product; the above may result in flooding the product and damage to the product, or personal injury, including electric shock;

4. Applying excessive force while driving the screws may damage the wall - which may affect the performance of the product or damage it;
5. Do not allow children to play near the product unsupervised. Children may hit their head or body in angles causing injury; [maybe it is worth indicating at what height the product should be mounted?]
6. Do not clean the product with wet towels or other objects that generate moisture - moisture may get into the product, which may damage the product;
7. Do not touch the product during a lightning storm - it may cause a lethal electric shock. Make sure that any electrical devices mounted on the product are disconnected from the power grid during a lightning storm - it may cause a lethal electric shock;
8. Do not place metal or flammable objects inside the product - it may cause fire or damage to the product;
9. Clean the product after disconnecting it from the power supply, using a soft, dry cloth. Do not spray water and other liquids directly on the product, and use chemical preparations such as cleaning agents for cleaning windows, air fresheners, insecticides, alcohol - this may damage the product or electric shock;
10. Do not touch the product with sharp or metal objects, e.g. nails or pens - these actions may damage the product or other devices mounted to the product;
11. The product is not intended for use by people (including children) with reduced physical, sensory or mental abilities or by people without appropriate experience and knowledge;

WARNINGS

The manufacturer is not liable for material or personal damage resulting from failure to comply with the assembly instructions and the rules of safe use of the product.

Fittings for watercooling require only a small amount of force to screw them firmly in place since the liquid seal is ensured by the rubber O-ring gaskets. If tightening too hard the acrylic in the distributionplate may crack.

INFORMATION FOR DELIVERY AND STACKING

Package

All of things you should have in your box of THE CROW:

1. 1x WALLMOUNT CHASSIS
2. 2x SIDES
3. 1x WALLMOUNT HOLDER
4. 1x GLASS
5. GPU HOLDER
6. 4x WALLDISTANCES
7. 5x MOTHERBOARD DISTANCES
8. 4x GIASS DISTANCES
9. GPU BRACKET
10. BUTTON AND BUTTON HOUSING
11. HDD BRACKETS
12. PSU SHROUD
13. SSD BRACKETS

ADDITIONAL BAGS WITH SCREWS

Package

IMPORTANT!

6

In the next step you will install wall and glass distances. For our upper wall distances it's important to set them in the right direction as two of them have a metal rod rotruding from them. Check it during installation, you can rotate wallmount chasiss to check this set after all.

After setting glass distances it will be hard to change the position of the upper wall distances. Make sure that you have set them in the right position.

Wall Distances

1 Keep the wallmount chassis on a flat surface and prepare the 4 wall distances.

2 Put each wall distance under the corners of the chassis. The holes need to be visible through the wallmount chassis.

3 Check if holes are in right position.

4 Insert and tighten the screws.

Wall Distances / Glass Distances

5 Use the allen key to mount M4 x 8mm screws - 4 in each corner.

6 Make sure they are all securely tightened.

7 Repeat this section for each corner. This is how it should look after mounting the wall distances.

8 The next step is mounting glass distances. The 4 long pieces are needed in this step. The 4 smaller knobs are used at the end when the hardened glass is mounted.

Glass Distances

9 Screw each glass distance into the holes in the corners.

10 Tighten them securely, they should align well with the surface of the wallmount chassis.

11 Be careful not to scratch the painted surface!

12 This is what it should look like once done.

PSU SHROUD

13 For this part you will need: 2 sides of the PSU shroud. Shroud Cover, 2 pieces of M3x12mm countersunk screws, 4 pieces of M4x8mm screws (black).

14 Place the cover on the side panels of the PSU shroud.

15 Use 2 pieces of M3x12mm countersunk screws to tighten the cover to the panels.

16 Take care no to scratch the PSU cover.

PSU SHROUD

17 Next step is to attach the PSU shroud to the wallmounted chassis.

18 Place the PSU shroud in the position showed in the picture above.

19 When attaching the PSU shroud to the wallmounted chassis it is easier to place the chassis in an upright position as the screws are tightened from the backside with 4 pieces of M4x12mm screws.

20 Use an allen key to tighten the screws, you can manipulate the position of the shroud before you tighten the screws.

PSU Bracket

21 Next step is to mount the PSU bracket. Where to mount it depends on your PSU size. There are 3 pieces of M4x8mm screws to mount the PSU bracket to the

22 The PSU bracket is mounted in the area shown above with the red arrows. Screws have to be tightened from the backside with an allen key.

23 Red area - There are three rows of screw holes for three possible distances to mount the PSU.

24 View from the backside - Use the allen key to tighten the screws.

PSU Bracket

25 We recommend that you keep the chassis vertical while mounting the PSU bracket.

26 View from the right profile - Tighten screws securely.

27 The PSU bracket should fit on your wallmount chassis surface without a gap. Congratulations! Your PSU shroud and PSU bracket are done!

Next step will be the PC powerbutton.

Power Button

28 Power button set has 3 main parts.

29 Black-red wire and powerbutton has to be placed in the aluminum housing.

30 After that, the black powerbutton housing is placed on top of the aluminum housing.

31 Make sure that the button housing is placed correctly, when you click the button the movement should be smooth.

Power Button

32 The button set is mounted from the backside of the wallmount chassis.

33 That's the correct placement!

34 Make sure that the holes align in the front as well as the black powerbutton housing, just like the picture above.

35 Tighten the 2 pieces of M3x6mm screws from the frontside.

Power Button/GPU Support

36 Be careful not to scratch the painted surface of the wallmount chassis. This is how the finally placement of the powerbutton should look like.

37 Now it is time for GPU Support. There are two parts.

38 First the long part is placed on the green area shown above.

39 Place it as shown on the picture above, it's attached with two screws from the backside of the chassis.

GPU Support

40 View from the backside - You will use 2 pieces of M4x8mm screws.

41 Tighten the screws securely, the GPU holder should not be able to move afterwards.

42 This is how it should look like when done.

43 Place the adjustable support in the holder as shown in the picture above.

GPU Support / MOBO Distances

44 Push it to down to a position you are comfortable with, you can always change this later

45 The arrow above points towards a small screw, this you can tighten with an allen key to make sure you get the height that you need for your GPU support.

46 Now it's time for our motherboard distances - we will call it MOBO to make it easier. There are five parts - 1x small, 3x medium, 1x large.

47 They will be placed within the area marked above.

MOBO Distances

48 This is the proper position for the MOBO parts.

49 This is how the MOBO distances needs to be placed. Red lines show the alignment of the holes for the screws which you tighten from the backside.

50 View from the backside - You will use 12 pieces of M4x8mm screws.

51 Tighten them securely and check from the frontside that the distances are locked in place.

MOBO Distances / GPU Holder

52 Now you are done with the distances for the MOBO, this is how it should look like.

53 The GPU holder! As you can see there are 3 main parts. First you need to assemble both aluminum holders to the base, for that you will need 4 pieces of M4x16mm screws.

54 Important! Check that you got the mounting position correct! All three parts are different. This is what it should look like.

55 Use the 4 screws and tighten them securely with the allen key.

GPU Holder

56 Once the set is put together it needs to be mounted on the chassis. 4 pieces of M4x8mm screws are needed.

57 Make sure that the GPU holder is placed correctly by locating the part shown in the red frame above.

58 Tighten the 3 pieces of M4x8mm screws with an allen key from the backside, as you can see on the picture you can manipulate the GPU holders position before you tighten the screws.

59 This is how it should look once complete.

SSD Bracket

60 The SSD bracket contains two aluminum parts and 4 pieces of M3x6mm black screws.

61 The SSD bracket is placed on the backside of the wallmounted chassis in the area shown in the picture above.

62 Mount the bracket on the backside shown on the picture, the screws are tightened from the front.

63 Make sure to tightened the screws from the front.

HDD Absorber

64 This is the HDD absorber.

65 The HDD absorber is mounted on the backside of the chassis shown above.

66 Place the absorbers as shown in the picture above.

67 Attach the HDD absorber with 4 pieces of M3x6mm screws from the front.

THE CROW

You have made a great job! You are almost done! This is what your wallmount should look like now. In the steps below you will work with the peripherals - Pinions and Spectres. If you haven't purchased the Pinion distroplates or Spectre D5 pumptops you can jump to page 33.

THE CROW

View from right side - so you can compare your current status. If you haven't purchased the Pinion distroplates or Spectre D5 pumptops you can jump to page 33.

Pinion

68 The pinions contains one acrylic element and two aluminum elements. Be very careful with the acrylic element as it's easily scratch and crack if not handled with care.

69 To avoid scratches you can use the styrofoam from the packaging as a protective base.

70 The Crow can house two pinions, they are placed in the areas shown in the picture above.

71 The picture above shows how the brackets should be placed.

Pinion

72 The pinions are attached to the chassis with 2 pieces of M4x30mm screws along with silicon pads from the backside.

73 Insert them to their full length as shown in the picture.

74 Now from the front, place the aluminum brackets on the screws as shown in the picture above.

75 Important! This is correct position for our lower bracket for Pinion. The corners point upwards.

Pinion

76 View from frontisde of our chassis. Just to be clear - your current status with Pinion should look like that.

77 Carefully place the acrylic Pinion aligned with it's screw-holes on the screws. The picture above shows the standard placement of the Pinion for ensured watertubing compatibility.

78 Gently press the acrylic Pinion towards the screws while simultaneously tightening the screws from the backside. Take care to not tighten too hard as the acrylic might crack.

79 The screws are only to be tightened so that there are no gap between the acrylic and aluminum and the aluminum and the chassis.

Pinion

80 Now you repeat the process on the other side.

81 This is how it should look like with the Pinions mounted in the standard configuration.

82 The red markings show what you can look for to make sure you will have an easy time to do your custom-loop.

83 Check if there is no gap between surface of acrylic parts. Tighten all screws up. If all is set, you are done with Pinions!

Spectre

84 The next step is Spectre, peripheral for the D5 pump.

85 The Spectre set contains: Acrylic top, aluminum base and a rubber gasket and 4 pieces of M4x8mm screws (black) and 4 pieces of M4x25mm screws (silver). The D5 pump in the picture is not included in the set.

86 We strongly recommend to use the styrofoam from the box as a coaster to prevent scratches on the acrylic.

87 Place your rubber gasket in the Spectre and then place the D5 pump in the Spectre as shown in the picture.

Spectre

88 Place the aluminum base on the D5 pump and the Spectre as shown in the picture above. Make sure that the countersunk screw holes are visible.

89 Carefully lie down our aluminium base. There will be wires going from D5 pump - they have to be inside of hole in aluminium base.

90 Use 4 pieces of M4x25mm screws to connect the aluminum base with the acrylic top.

91 Tighten the screws carefully with the allen key, making sure not to tighten too hard which might make the acrylic crack.

Spectre for The Crow

92 There are two areas where you can fit your Spectres. Both are shown in red rectangle in the picture above.

93 Make sure to put your cable through the hole of the wallmount first before placing the D5 pumps base into the hole. Be careful not to scratch the PSU shroud which is very close to the hole on the right side.

94 This is what it should look like when looking at it from the side.

95 Use 4 pieces of M4x8mm screws (black) with silicon washers to fasten the D5 pump to the chassis.

Spectre for The Crow

96 Tighten the screws with the allenkey until it's secure.

97 This is what it should look like when finished. Repeat the procedure with the other pumptop.

98 Your final destination with Spectres should look like that.

You have now successfully assembled the crow! Here are some views on how it should look once done from a few different angles.

The next step will be mounting it to the wall before we mount the glass panel.

Wall Bracket

99 The last part is our wall bracket. Check the direction of it as you place it on the wall. The three holes are the bottom part that should be aligned with the wall. There are no screws delivered with the chassis. Make sure that you use the correct screws for what type of wall you are placing your chassis on! Always seek advice from a professional carpenter before placing heavy equipment on any wall.

101 We can't stress enough how important it is that you chose the correct screws and/or plugs for what type of wall you have. A fully equipped wallmount can weigh in at around 35 kilograms.

100 The first step is to make sure that the wall bracket is leveled. This is done by placing it on the hight you want the top of the case to be and fastening it with a single screw in the middle.
Use a spirit level to find the correct angle of the bracket, then use a pencil to make a mark in the other two holes where you need to attach screws.

102 You can see the pins in the red boxes above that are supposed to be placed in the holes of the bracket.

Mounting on the wall

103 Take your wallmount and bring it close to the wall, slightly above the wall bracket, as the picture above shows. Carefully let it slide down into the holes of the bracket. We strongly recommend that you are two adults doing this steps as a fully equipped wallmount is heavy.

104 Make sure to hold your wallmount securely when doing this in case you missed the holes. it can be hard to see if you have placed it correctly, this is the reason also to have two adults involved in mounting on the wall.

105 Once the pins are fit into the bracket holes your wallmount is set.

106 In the picture above you can see it from another angle.

Side panels

107 The side panels will be mounted to the wall distances on the left and right side.There are 4 pieces of M4 8mm screws included for these parts.

108 The side panels are mounted as shown in the picture above.

109 Use two of the M4 8mm screws on each side. One at the top and one at the bottom.

110 Before you tighten the screws, put the side panels in place and make sure that they fit smoothly.

Side panels / Glass cover

111 Place the side panel on the side and secure it with the two screws (upper and lower part of side panel) - 2 pieces of M4x8mm.

112 This is what it should look like with the side panel in place.

113 Repeat the procedure on the other side.

114 The last part to assemble is the glass cover.

Glass cover

115 If you have the knobs for the glass cover on, you need to remove all four of them.

116 Place the plastic washers on the threaded screw sticking out from the glass distance, repeat on all four glass distances. Then carefully place the glass on the protruding screws.

117 Place the second second of plastic washers on the protruding screws on the outside of the glass distance, then put back the knobs and tighten them carefully. Just enough for the glass to be locked in place.

118 Start at the top and work your way down. Here we are, after a long journey! Your Crow is finally done!

THE CROW

Congratulations!

Your set is done! Of course there is the whole part of designing your loop and placing your components as well, but that we leave for you to do. After all, it is your piece of art!

SPECIFICATIONS

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THE CROW SET

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THE CROW SET

SPECIFICATIONS

COLOR	Black, White
CASE MATERIAL	Aluminium
GLASS COLOR	Transparent, Graphite, Dark
GLASS DISTANCES	4
RECOMMENDED PCI-RISER LENGHT	200-400mm
3,5" DRIVE ABSORBER	1
2,5" DRIVE BRACKET	1
MOTHERBOARD COMPATIBILITY	Atx
MOTHERBOARD DISTANCES	5
GPU-BRACKET VERTICAL	1
PSU-BRACKET VERTICAL	1
MAX GPU LENGHT	400mm with distribution plate 300mm with reservoir
MAX PSU LENGHT	185mm
PSU FORM FACTOR	Atx
MAX CPU COOLER HEIGHT	Waterblock
EXPANSION SLOTS	2
FAN OPTIONS	6x120mm
RADIATOR OPTIONS	2x360mm
WEIGHT	10,5kg
DIMENSIONS	540x820x200mm
SIDE PANELS	2
MOUNTINGPLATE	1
POWER BUTTON	1
THE CROW	1
WALLDISTANCES	4
PINION	2
SPECTRE	2

Creative Solutions
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THE CROW

PINION

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SPECIFICATIONS

LENGTH:	380mm
WIDTH:	95mm
HEIGHT:	30mm
WEIGHT:	984g
CAPACITY:	250ml

SPECTRE

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SPECIFICATIONS

LENGTH:	92mm
WIDTH:	92mm
HEIGHT:	50mm
WEIGHT:	390g