



32" VERTICAL

USER & ASSEMBLY GUIDE

Xtension Vertical Arcade Cabinet

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Required Tools:

Flathead screwdriver

Screwdriver

Large and small Allen wrenches

PLEASE NOTE:

Adult supervision recommended for assembly.

A second person is recommended — and needed when joining the two halves.

PREFER VIDEO?

youtube.com/@Recroommasters



WARNING

Please read these assembly instructions thoroughly, as improper assembly may lead to instability.

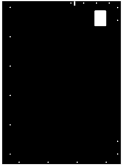
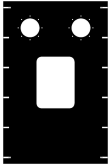
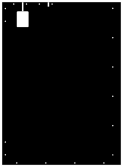
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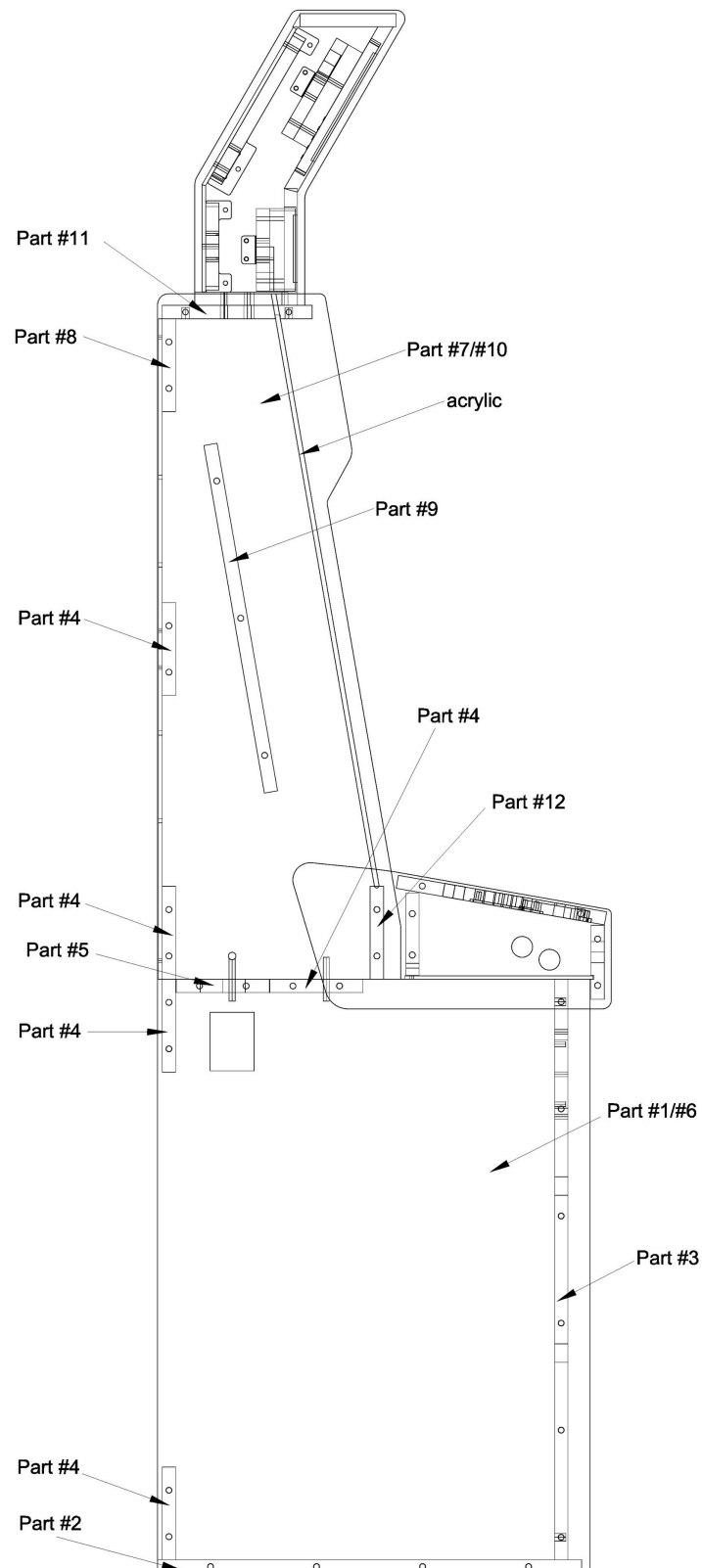
Cabinet Parts List

Every panel is engraved with its part number. Match the engraved number to the step you are on.

 VC PART 1 1 PC Left Side Upright — base section.	 VC PART 2 1 PC	 VC PART 3 1 PC	 VC PART 4 5 PCS Engraved <i>VC Part 4 X 5</i>. Three are used in the base section, two in the top section.	 VC PART 5 1 PC
 VC PART 6 1 PC Right Side Upright — base section.	 VC PART 7 1 PC Left Side Top Upright.	 VC PART 8 1 PC	 VC PART 9 1 PC TV/Monitor Bracket.	 VC PART 10 1 PC Right Side Top Upright.
 VC PART 11 1 PC	 VC PART 12 1 PC	 VENTED BACK PANELS 2 PCS No part number. Fitted in Final Assembly, Step 7.		

Exploded Diagram

Where each panel sits in the finished cabinet. Use this alongside the Cabinet Parts List — that page shows what each panel looks like, this one shows where it goes.



Hardware List

Your hardware arrives in labelled bags. The names below are exactly as printed on each bag.

Bag label	Qty	Where it is used
wood dowels	44 pcs	Panel edges throughout both sections. Two are used in Final Assembly Step 1 to join the base to the top.
short cabinet bolts	14 pcs	Base Steps 9 & 11 (3 + 3); Top Steps 9, 11 & 13 (2 + 2 + 4). 60 mm.
long controller bolts	6 pcs	Final Assembly Step 5 — 3 per side. 80 mm.
cabinet top / bottom security bolts	2 pcs	Final Assembly Step 3 — 1 per side, joining the two halves. 80 mm; shares a bag with the long controller bolts.
SCREW M6×25MM big hole washers M6	4 pcs 4 pcs	Top Step 2 — for TVs with M6 mounting holes.
SCREW M4×25MM small hole washers M4	4 pcs 4 pcs	Top Step 2 — for TVs with M4 mounting holes.
self-tapping flat head screw M5×20	8 pcs	Final Assembly Step 7 — the two vented back panels.
speaker screws	8 pcs	Base Step 13 — 4 per speaker ring.
extra spare parts	—	Spare wood dowels, one metal cross dowel and one screw.

Also supplied

Item	Where it is used
Metal cross dowels	Pre-installed in the panels at the factory. Check every slot is aligned before fitting a panel.
Plastic grommet	Base Step 12 — the hole on the top of the base.
Speaker grills + plastic rings	Base Step 13 — 2 sets.
Metal door + silver brackets	Base Step 14, with its own mounting screws.
Monitor acrylic	Top Step 12 — arrow faces up and toward the back.
Large allen wrench	For every bolted step.
Small allen wrench	For installing/removing the spinner knob.

BOLT LENGTHS: this cabinet uses two bolt lengths — **60 mm** (the *short cabinet bolts*) and **80 mm** (the *long controller bolts* and the *cabinet top / bottom security bolts*, which share one bag). The 80 mm bolts are used only to join the two halves and to mount the controller. Check the length before every bolted step.

Preparing the Panels

Do this once, before you start the Base Section.

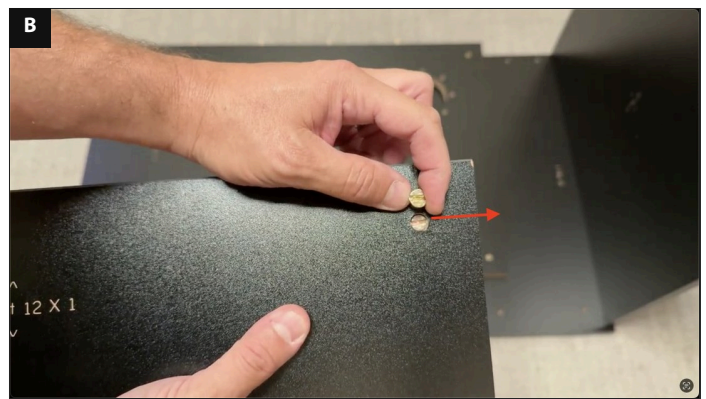
PREP

Parts Needed: All cabinet panels / wood dowel pins

Insert the wood dowel pins into the holes on the edges of all panels. **Skip any hole that is next to a pre-installed metal cross dowel.**

Do not insert wood dowel pins into VC PART 1, VC PART 6, VC PART 7 or VC PART 10 at this time.

QUICK TIP: If necessary, use a flathead screwdriver to rotate any pre-installed metal cross dowels so that **its slot faces the hole on the edge of the wood**. It is very important to check this before installing any panel with pre-installed cross dowels.

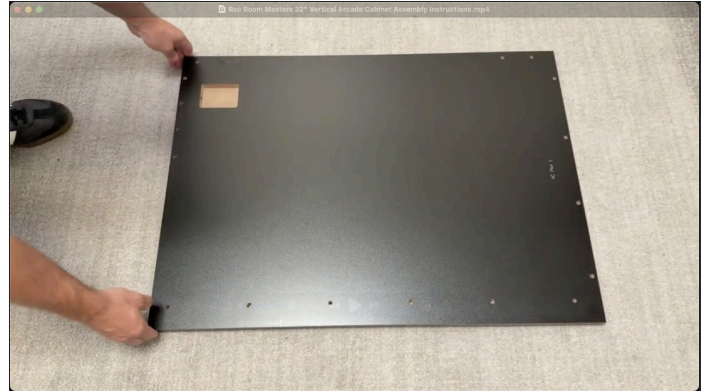


Base Section

STEP 1

Parts Needed: VC PART 1

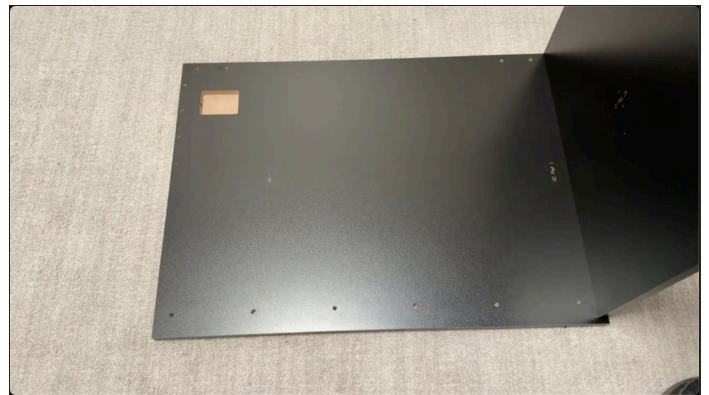
Lay **VC PART 1 (Left Side Upright)** on a soft surface.



STEP 2

Parts Needed: VC PART 1 / VC PART 2

Insert the wood dowel pins on **VC PART 2** into the holes at the **bottom** of VC PART 1.



STEP 3

Parts Needed: VC PART 1 / VC PART 3

Face the engraving on **VC PART 3** toward the inside of the cabinet and the **speaker holes toward the top** of the cabinet.

Insert the wood dowel pins on VC PART 3 into the holes on VC PART 1.

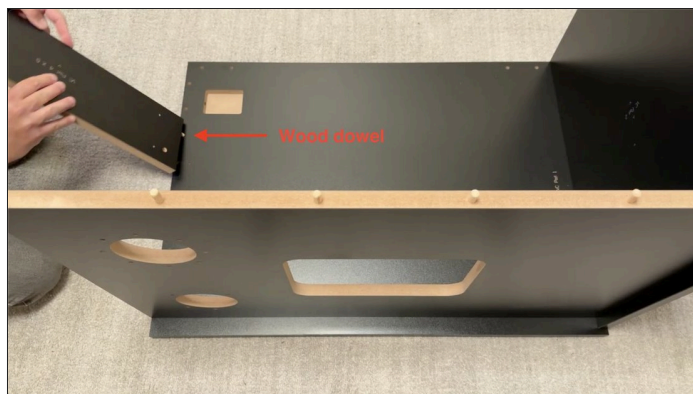


STEP 4

Parts Needed: VC PART 1 / VC PART 4 (1st of 5)

Face the engraving on **VC PART 4** toward the **bottom** of the cabinet and the wood dowel toward the **back** of the cabinet, then insert VC PART 4 into VC PART 1 as shown.

QUICK TIP: There are **five identical VC PART 4 panels** (engraved *VC Part 4 X 5*). Three are used in the Base Section and two in the Top Section. Their orientation changes from step to step — read each step carefully.



STEP 5

Parts Needed: VC PART 1 / VC PART 5

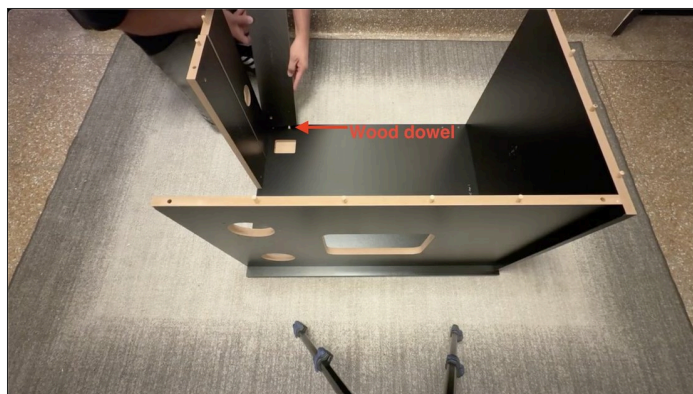
Face the engraving on **VC PART 5** toward the **bottom** of the cabinet and insert it into VC PART 1 as shown.



STEP 6

Parts Needed: VC PART 1 / VC PART 4 (2nd of 5)

Take a second **VC PART 4** and insert it into VC PART 1, making sure the **wood dowel faces the bottom** of the cabinet and the **metal cross dowel faces the top** of the cabinet.



PROGRESS SO FAR

Before you carry on, this is what the base should look like from above — **VC PART 1** with **VC PART 2**, **VC PART 3**, **VC PART 5** and the first two **VC PART 4** panels fitted.

If anything is missing or facing the wrong way, correct it now: once the base is closed and bolted in Steps 8–9 it is much harder to reach.



STEP 7

Parts Needed: VC PART 1 / VC PART 4 (3rd of 5)

Take a third **VC PART 4** and insert it into VC PART 1 as shown, this time making sure the **wood dowel** faces the **top** of the cabinet.



STEP 8

Parts Needed: VC PART 6

Close the base using **VC PART 6 (Right Side Upright)**. Position VC PART 6 over the assembled panels so that it **mirrors VC PART 1**.

Line up all of the wood dowel pins with their corresponding holes. Take your time and work your way around the cabinet. Once every dowel is aligned, apply pressure to close any gaps.



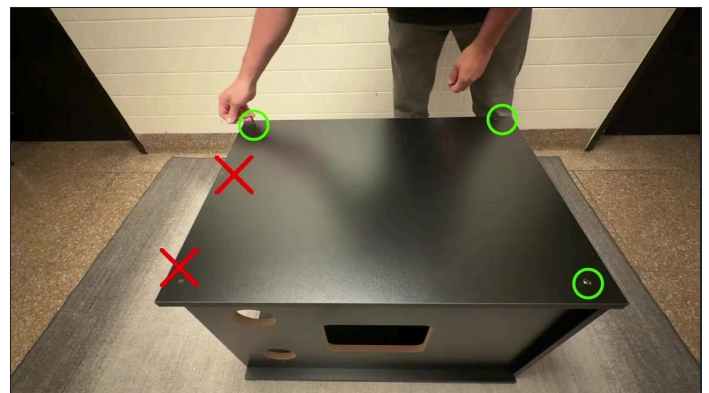
STEP 9

Parts Needed: VC PART 6 / short cabinet bolts, 60 mm (x3) / Large allen wrench

From here on you will be using **short cabinet bolts (60 mm)** and **longer bolts (80 mm)**, which ship in separate bags. Check the length before every bolted step.

Secure **VC PART 6** using **three short cabinet bolts** as shown.

DO NOT OVER TIGHTEN THE BOLTS!



STEP 10

Parts Needed: Assembled base

Rotate the base of the cabinet to its upright position.

IT IS VERY IMPORTANT TO KEEP PRESSURE ON THE UNBOLTED SIDE — THERE ARE NO BOLTS SECURING IT IN PLACE. TWO PEOPLE ARE STRONGLY RECOMMENDED FOR THIS STEP.

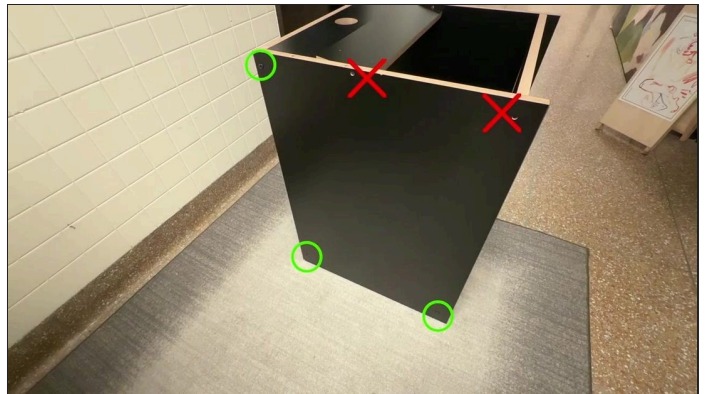


STEP 11

Parts Needed: VC PART 1 / short cabinet bolts, 60 mm (x3) / Large allen wrench

Secure the left side (**VC PART 1**) using **three short cabinet bolts** as shown.

DO NOT OVER TIGHTEN THE BOLTS!



STEP 12

Parts Needed: Plastic grommet (x1)

Install the **plastic grommet** into the hole on the top of the base of the cabinet.



STEP 13

Parts Needed: VC PART 3 / speaker grills (x2) / plastic rings (x2) / speaker screws (x8) / screwdriver

Separate the **speaker grills** from the **plastic rings**, then attach the rings to **VC PART 3** using the provided speaker screws.

If you purchased a speaker kit, place the speakers over the rings before screwing them into the cabinet.

Finally, re-install the speaker grills onto the rings by aligning them and applying pressure.

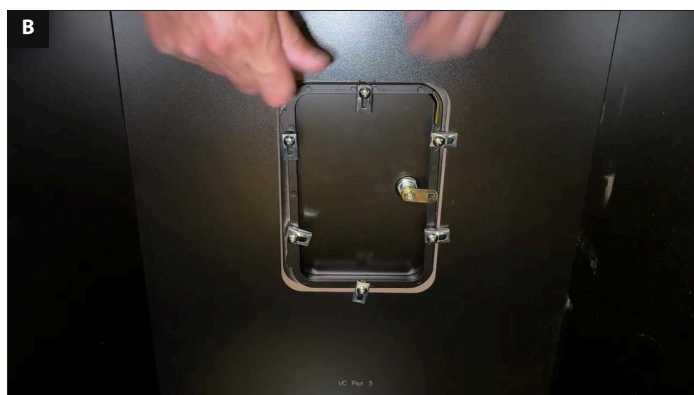


STEP 14

Parts Needed: Metal door / silver brackets / screws / screwdriver

Screw all of the **silver brackets** into the holes on the **back of the metal door**.

Place the door into the opening in the cabinet, then slide each bracket into position so that it **grips the edge of the wood** before tightening its screw.



Top Section

STEP 1

Parts Needed: Your TV / power and HDMI cables

Lay your TV **face down** and attach the power cable, HDMI cable, and any other cables you need.



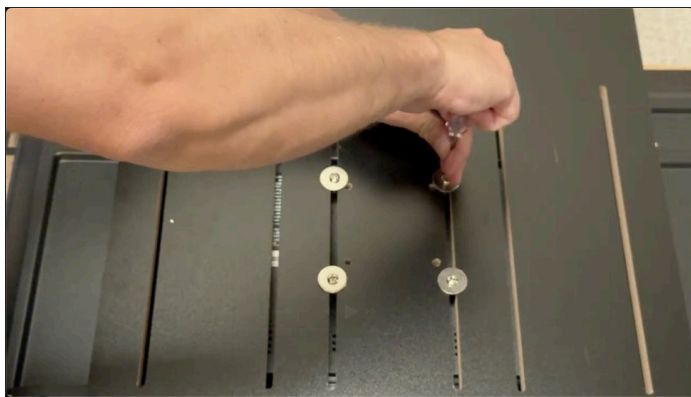
STEP 2

Parts Needed: VC PART 9 / M4 or M6 screws (x4) / washers (x4)

Align the slots on **VC PART 9 (TV/Monitor Bracket)** with the mounting holes on the back of your TV.

Choose the **M4** or **M6** screws depending on the model of your TV. *(The TV used in the video takes the M6 screws.)*

Insert the **four screws and washers** to secure the TV to VC PART 9.



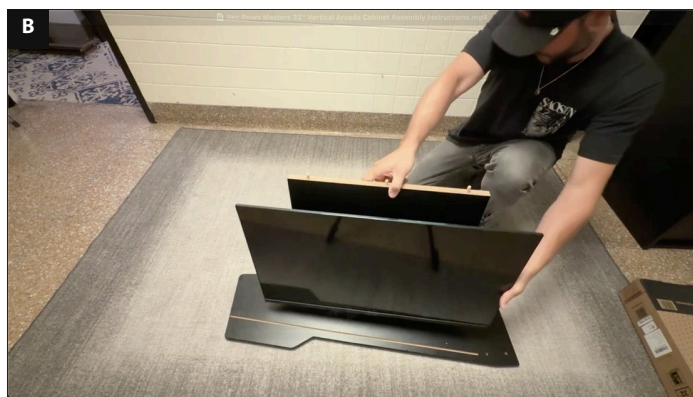
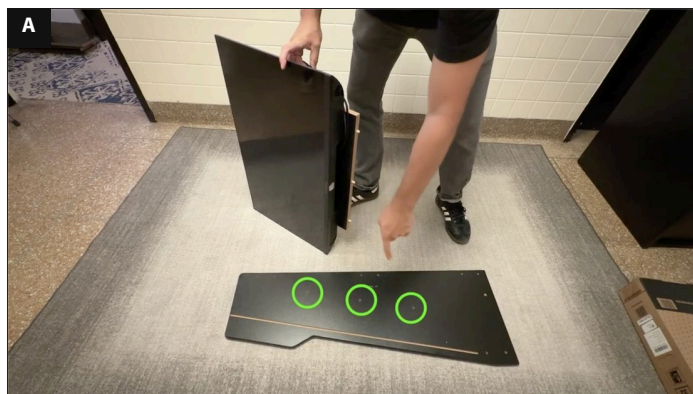
QUICK TIP: The **M6** screws pair with the **large-hole washers**; the **M4** screws pair with the **small-hole washers**.

STEP 3

Parts Needed: VC PART 7 / VC PART 9 + TV assembly

Lay **VC PART 7 (Left Side Top Upright)** on a soft surface. Tuck the TV cables so they are out of the way.

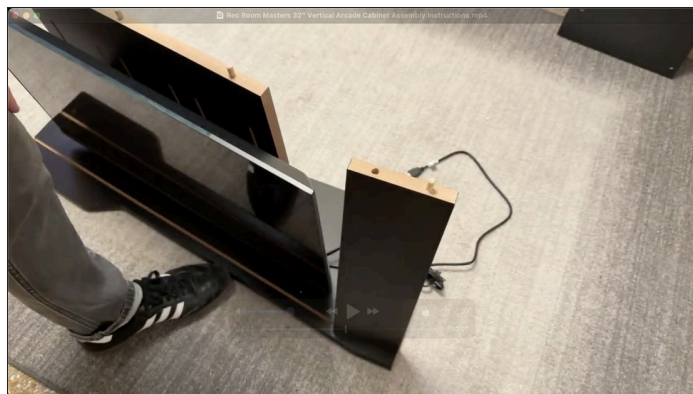
Make sure the **bottom of the TV is facing downward**, then insert the wood dowel pins of **VC PART 9** into VC PART 7.



STEP 4

Parts Needed: VC PART 7 / VC PART 12

Face the engraving on **VC PART 12** toward the **back** of the cabinet and the wood dowel toward the **bottom**, then insert it into VC PART 7 as shown.



STEP 5

Parts Needed: VC PART 7 / VC PART 4 (4th of 5)

Face the engraving on the fourth **VC PART 4** toward the **back** of the cabinet and the wood dowel toward the **top**, then insert it into VC PART 7 as shown.



STEP 6

Parts Needed: VC PART 7 / VC PART 4 (5th of 5)

Face the engraving on the fifth **VC PART 4** toward the **back** of the cabinet, but this time face the wood dowel toward the **bottom**, then insert it into VC PART 7 as shown.



STEP 7

Parts Needed: VC PART 7 / VC PART 8

Face the engraving on **VC PART 8** toward the **back** of the cabinet and insert it into VC PART 7 as shown.



STEP 8

Parts Needed: VC PART 10

Close the top section using **VC PART 10 (Right Side Top Upright)**. Position VC PART 10 over the assembled panels so that it **mirrors VC PART 7**.

Line up all of the wood dowel pins with their corresponding holes, working slowly around the section. Once every dowel is aligned, apply pressure to close any gaps.



STEP 9

Parts Needed: VC PART 10 / short cabinet bolts, 60 mm (x2) / Large allen wrench

Secure **VC PART 10** using **two short cabinet bolts** as shown.

DO NOT INSTALL ANY ADDITIONAL BOLTS AT THIS TIME. DO NOT OVER TIGHTEN THE BOLTS!



STEP 10

Parts Needed: Assembled top section

Rotate the top section of the cabinet to its upright position.

KEEP PRESSURE ON THE UNBOLTED SIDE — THERE ARE NO BOLTS SECURING IT IN PLACE.



STEP 11

Parts Needed: VC PART 7 / short cabinet bolts, 60 mm (x2) / Large allen wrench

Install **two short cabinet bolts** into the previously unbolted side as shown.

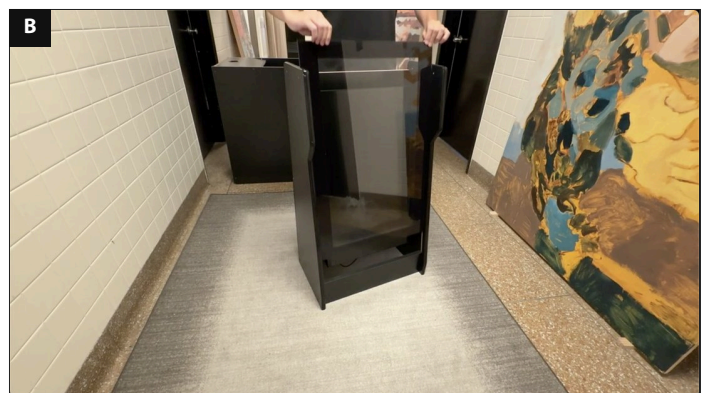


STEP 12

Parts Needed: Monitor acrylic

Remove the protective plastic from the acrylic.

Make sure the **arrow is facing up and toward the back** of the cabinet, then slide the acrylic down into the slots on the sides of the top section.



STEP 13

Parts Needed: VC PART 11 / short cabinet bolts, 60 mm (x4) / Large allen wrench

Install **VC PART 11** with its **slot facing the front** of the cabinet, aligning the slot with the top edge of the acrylic.

Secure the panel using **four short cabinet bolts**.



Final Assembly

STEP 1

Parts Needed: Assembled base / wood dowel pins (x2)

Insert **two wood dowel pins** into the top of the base of the cabinet as shown.



STEP 2

Parts Needed: Base section / top section — 2 people

Lift the top half of the cabinet and align it with the two dowel pins you just inserted into the top of the base, then lower it into place.

QUICK TIP: The **front of the top section is not yet secured**. Keep this in mind when lifting — support the front so it cannot swing away from you.

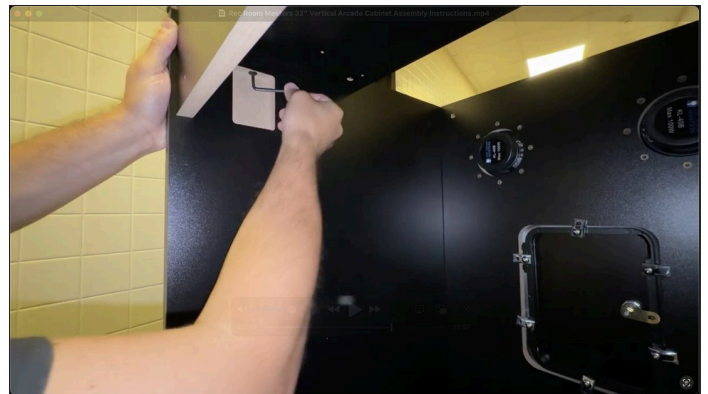
A SECOND PERSON IS RECOMMENDED FOR THIS STEP.



STEP 3

Parts Needed: Cabinet top / bottom security bolts, 80 mm (x2) / Large allen wrench

While looking **from underneath**, insert one of the **cabinet top / bottom security bolts** (80 mm) to secure the two halves together as shown. Repeat on the opposite side.



STEP 4

Parts Needed: Xtension controller / dust washer / shaft cover / ball top / flathead screwdriver

Standard (non-Plus) controller: install the **dust washer**, **shaft cover** and **ball top** as shown [see image A].

To fully tighten a ball top, flip the controller over, remove the two screws securing the rear cover, and hold the underside of the joystick shaft with a flathead screwdriver to stop it free-spinning while you turn the ball top.

PLUS version controller: install the **dust washers** and attach the joysticks by **pulling back the spring loaded base of the shafts** as shown [see image B].



STEP 5

Parts Needed: Assembled controller / long controller bolts, 80 mm (x6) / Large allen wrench

Place the fully assembled controller over the front section of the cabinet, then secure it using **three long controller bolts (80 mm) on each side** [see images A & B].

QUICK TIP: If you cannot start the bottom bolt on either side of the controller, reach behind the cabinet and straighten the **VC PART 4** panel, then insert the bolt while holding that panel straight [see image C].

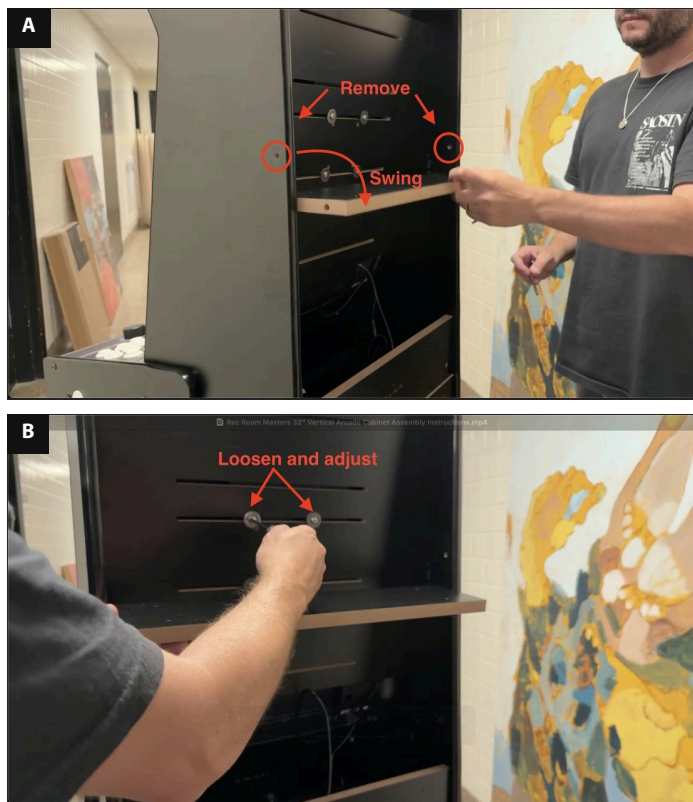


STEP 6

Parts Needed: Large allen wrench / screwdriver — optional

Optional — monitor alignment. To adjust the horizontal position of your monitor, remove one bolt from each side of the top section to gain access to the monitor mounting screws.

Loosen the screws, slide the monitor as needed, then re-tighten the screws and re-install the two bolts you removed.



STEP 7

Parts Needed: Vented back panels (x2) / self-tapping flat head screws M5×20 (x8)

When you are ready to close up the cabinet, install the **two vented back panels** using the **self-tapping flat head screws** (M5×20).

If you purchased the Topbox, see the **Topbox Installation** section that follows — that section needs the rear panels off, so you may prefer to fit them last.



Topbox Installation

OPTIONAL ADD-ON — skip this section if you did not purchase the Xtension Topbox. It can also be added at any time later.

STEP 1

Parts Needed: Topbox / screwdriver

Your Topbox arrives **fully assembled**. Lay it face down on a soft surface.

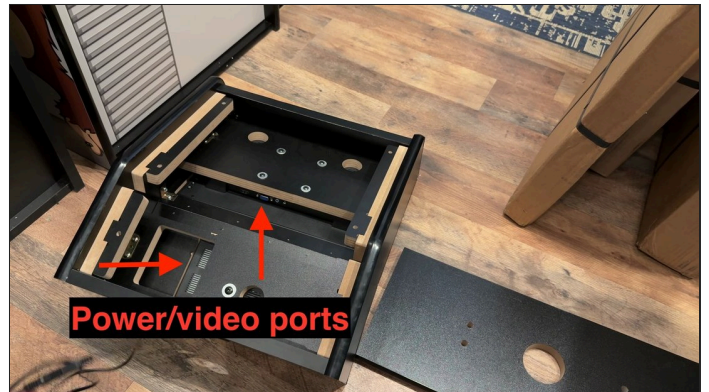
Remove the two rear covers so you can reach the input/power ports on the back of the monitors: the **upper cover has four screws**, one in each corner, and the **lower cover has two**.



INSIDE THE TOPBOX

With the covers off you have full access to the inside of the box. The **13" monitor** at the top is your **back glass**; the **7" monitor** underneath it is your **DMD**.

The power/video ports are easily accessible from here.



STEP 2

Parts Needed: 2 power bricks / extender cables

You can connect the Topbox cabling now, or after the Topbox is mounted. We recommend mounting first (Steps 4–6) and wiring afterwards. Either order works.

Connect the power. **Two power bricks are included and each is labelled for its monitor** — the **13"** brick is for the top monitor, the **7"** brick for the bottom.

Extender cables are also included. Join the extender to the power adapter to make a single long cable; the Topbox sits high enough that the extension is needed.



STEP 3

Parts Needed: 2 HDMI cables / 2 DisplayPort-to-HDMI adapters

Two HDMI cables and **two DisplayPort-to-HDMI adapters** are included. Use whichever suits your video card — if it has DisplayPort outputs use the adapters, if it has enough HDMI outputs you can go straight HDMI.



STEP 4

Parts Needed: Topbox top panel (with cable hole) / bolts (x4)

Your Topbox includes a replacement main cabinet top panel with a **cable hole** in it. Position it on the bottom of the Topbox with the **slot facing the front** — that slot is what the **monitor acrylic** (Top Section, Step 12) slides into.

There are four holes with threaded inserts. Secure the panel with the **four included bolts**.

QUICK TIP: If you add a Topbox later, this panel with the cable hole is included with it — it replaces the plain top panel that shipped with your cabinet.



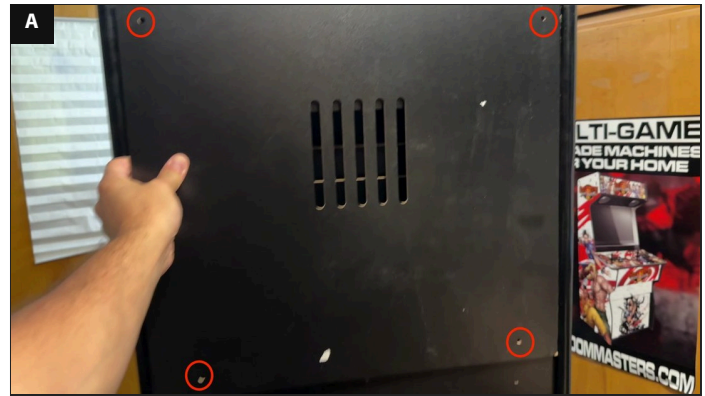
STEP 5

Parts Needed: Cabinet / Large allen wrench / screwdriver

This applies whether you have just finished building the cabinet or you are adding the Topbox at a later date.

On the cabinet, remove the **rear panels** so you can reach inside and route cables all the way down to where your PC will live. Each panel has four screws, one in each corner.

Then remove the **current top panel** — this is **VC PART 11**, held by **two short cabinet bolts on each side**. It is the same panel you just fitted to the Topbox, only without the cable hole.



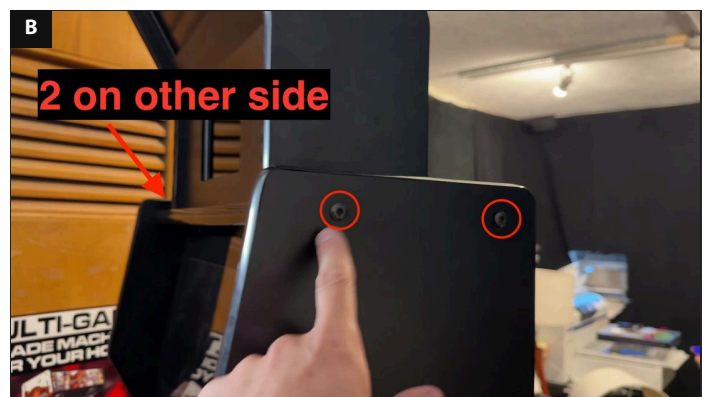
STEP 6

Parts Needed: Topbox / short cabinet bolts (x4 — 2 per side) / Large allen wrench

Lift the Topbox into position on top of the cabinet and **align its slot with the monitor acrylic** so the acrylic drops into the slot.

Hold it in place — it will tip forward if you let go. Working alone, start a single bolt in the **rear hole** first; that is enough to hold the whole assembly while you fit the rest.

Then install the **remaining three bolts**, so you finish with **two bolts on each side**.

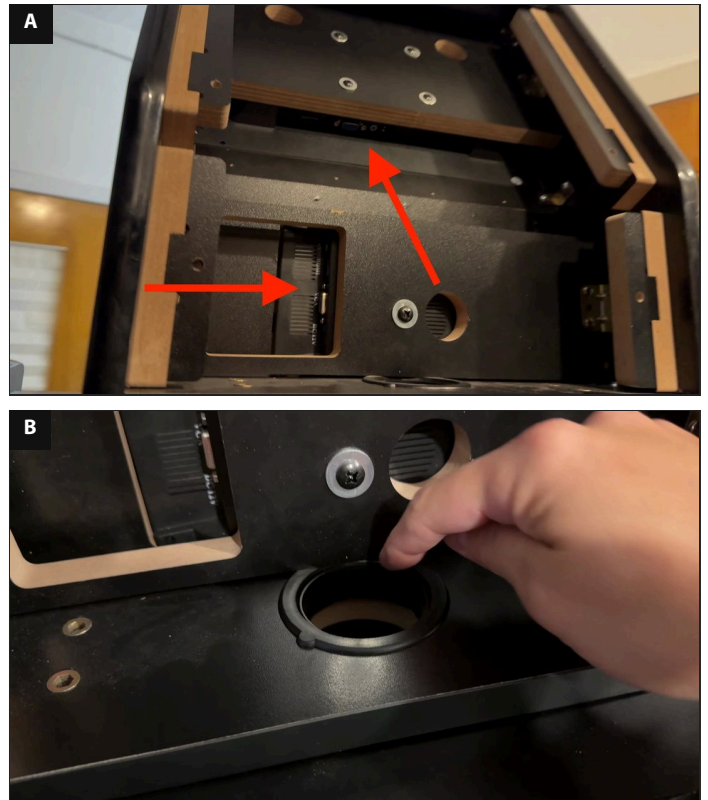


STEP 7

Parts Needed: Cables / rear covers / screwdriver

Connect the HDMI and power leads to each monitor, then route them down through the **cable management hole** on the bottom of the Topbox, through the open back of the cabinet, and down to the bottom where your PC sits.

Re-install the Topbox rear covers and the cabinet's vented back panels to finish.





GAME ON!

You have just assembled your Rec Room Masters
32" Xtension Vertical Arcade Cabinet.



Questions? support@recroommasters.com • recroommasters.com