

Steps for Installation of LCD Pixelcade to 43" TAG Cabinet

Information current as of 10/29/2022:

In order to have a flush mount for your LCD Pixelcade, you will need to extend the height of the current TAG marquee area as the current largest LCD Pixelcade's (28 inch) dimensions exceed the height dimensions of the 43 inch TAG as currently constructed. My cabinet was bought last year so you should measure your own cabinet to confirm that a modification is necessary as I can only speak as to the version from 2021. I believe you need at least 6.25 inches between your top and bottom marquee panel for the LCD to fit inside.

The easiest way to do this is to raise the top panel of the marquee to be flush with the top side of your left/right side panels as you will be able to visually see that your top marquee panel is flush with the top of the side panels. This should give you around 7 inches of clearance height-wise.

1. First, I took a straight edge and marked a line going vertically from the top of existing panel straight up to the top of the side panels to indicate the depth you want to place the top panel when you raise it. Then make a similar marking on the opposite end.
2. Next, you will unscrew the four black brackets from the top panel to detach the top panel. There should be 1 screw on the side of each bracket to unscrew.

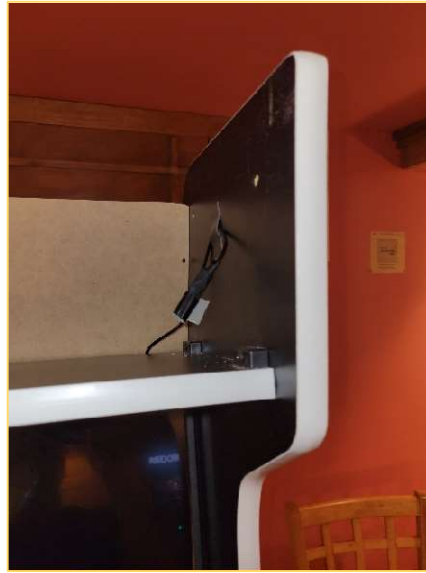


3. I suggest taking off the previously existing LED marquee strip lighting that is attached at the top of the cabinet, but it is up to you. I repurposed my LED lights by placing them on top of the marquee panel. There was a connection for the LED strip lighting at the corner of the marquee area which can be disconnected (and reconnected if you decide to repurpose this lighting as I did).



4. If you want the marquee as flush to your arcade's panels as possible, you will want to recess the 2 front black brackets on both the top and bottom panels back so the front side of each bracket is .7 inches back from the front edge of the marquee. There are two screws I believe that attach the bracket to the top and bottom panels that you will need to unscrew.
5. Once your top marquee panel is off and before reattaching it, I suggest recessing the two front brackets attached to the bottom marquee panel first to give you more room to operate. For my cabinet, these brackets were already recessed about .2 inches which meant moving the brackets back about only .5 inches back. I'd measure and mark a line about .5 inches from the back of bracket so you can visually see where the back of your bracket should line up when you rescrew them on.
6. While the top panel is off, I'd also suggest moving back the two front black brackets on the top panel before reattaching the panel to your cabinet. Again, this should require moving the brackets back .5 inches from their current position. When reattaching, I found it somewhat

helpful to drill a pilot hole in where you would insert the screw in the bracket, and screwing them back in using you a bracket



7. At this point or later, I recommend to cut out holes in your TAG back panel so that once your Pixelcade is installed you are able to reach the back of the Pixelcade's control panel in case you need to troubleshoot or decide to plug in a USB of your artwork. I'd do this before installing the Pixelcade to avoid dust on it. See below.



8. You will then reattach the top panel raising it to be flush the top of the side panels. I think this step is helpful with two people so one person can hold the panel while the other person rescrews the brackets back to the new height. You will want to try your best to make both sides as flush as possible to the top of the side panels so the height is consistent across the width of the marquee area. Again, I drilled pilot holes before screwing back in the screws.
9. Once reattached, your marquee area should have sufficient height for a flush mount for the 28 inch LCD pixelcade. My dimensions were width 38.25 inches x just under 7 inches (about 6 7/8 inches) once done.



10. You will then attach your Pixelcade to the TAG cabinet. You should align the four holes in the corners of your Pixelcade to the four black brackets that are on your marquee panel. You can use the smaller wooden screws that come with your LCD Pixelcade. Again, I found it useful to drill a pilot hole first into the black bracket first before screwing in.

At the end it should look something like this:

