

19" LCD Replacement for Pac-man Series Games
SKU: 19LCDWG-UR (Upright)



Congratulations on your purchase of our drop-in replacement monitor for Pac-man and Galaga series games. They mount to the existing cabinet brackets and plug right into the original harness.

Features include:

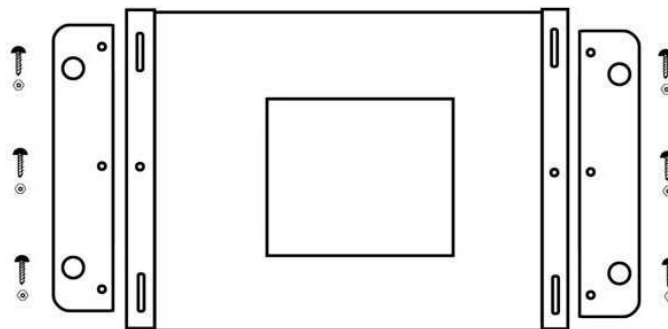
- Industry leader, Wells-Gardner 19 inch display
- Industry Standard Inputs
- Control board makes adjusting easy
- Quality LED, LCD display
- Supports CGA (Standard) Resolution
- EGA (Medium) Resolution
- VGA Resolution
- No isolation transformer required
- Installation manual included

Tools needed for the project:

- Philips screwdriver
- Nut driver and/or socket set

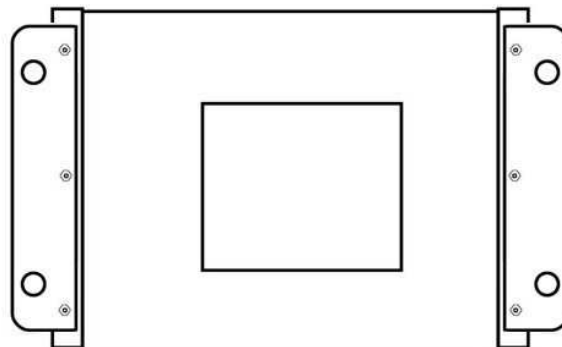
Verify you have all the included parts:

<u>Qty</u>	<u>Description</u>
1	Monitor
1	Power Supply and Cord
2	Extension rails
6	8-32 x ¾ inch machine screws
6	8-32 KEP nuts
1	This installation guide



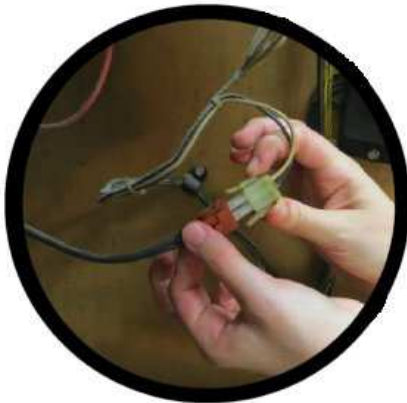
Assemble the monitor:

Fasten the wings with 3 small holes behind the front tabs on the monitor, put in screws from the front, through the monitor bracket, then through the extenders and fasten with the supplied 8-32 kep nuts.

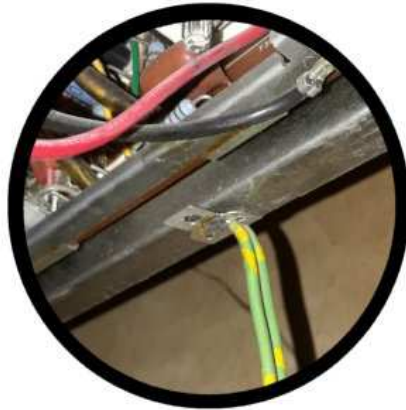


Remove old monitor:

From the front remove control panel and monitor artwork.
Next from the back, disconnect the monitor connections...



Disconnect the 2 pin power connector to the old monitor.



Locate and disconnect the green and yellow wire ground strap (if attached to the monitor frame)



Locate and disconnect the video signal connectors.

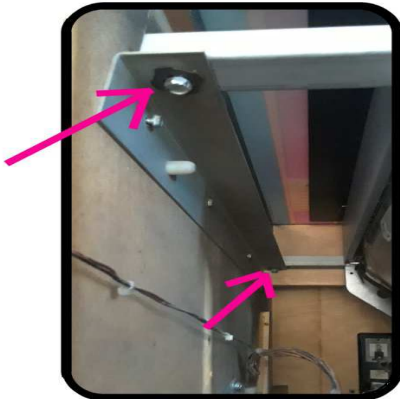


Photo: 3 and 6 pin video signal connectors disconnected.

Next we will remove the monitor itself...



If your cabinet has a bracket mounting the bottom of the monitor to the side of the cabinet, remove it.



Remove the 4 bolts securing the monitor cross bars using the Nut driver and sockets.

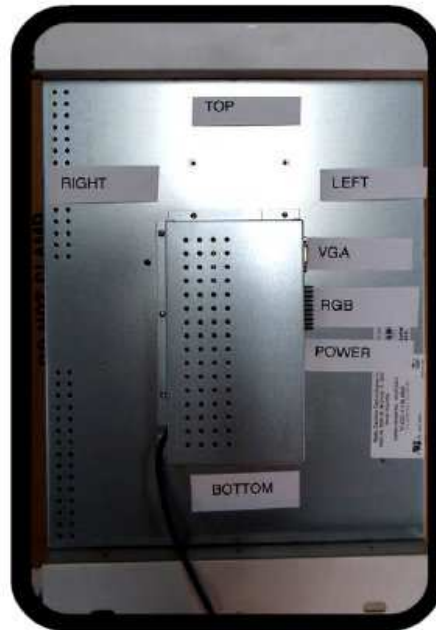


The front bolts are a harder to get to, you may want to go in from the top front, or reach in from the back.

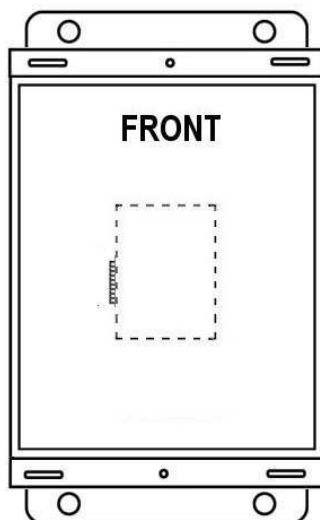
The old monitor can be quite heavy; this next step will be easier with 2 people. Slide the old monitor out of the back of the cabinet. Be careful not to snag the cross bars on any wires.

Once the monitor is out, remove the cross bars from the old monitor for use with the new LCD monitor.

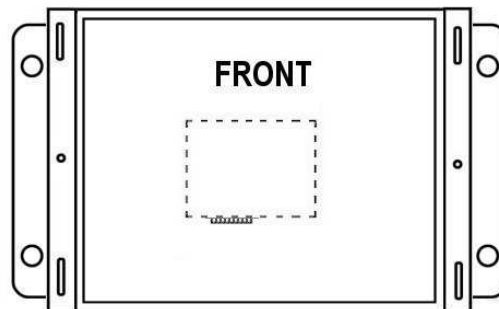
Check orientation of the monitor. In a vertical monitor application, orient the screen with the inputs located towards the left of the cabinet for most games, including Pac-man, Ms Pac, Galaga and Galaxian.



You will be using the Power, and RGB connections.
Note the orientation of the connections.



Vertical mount



Horizontal mount

Install new monitor

Reverse what you did above to install the new monitor, securing it first to the top cross brace, and 2nd to the lower cross brace. Then sliding it in through the back as when you removed it above. Then replace the bolts, securing the cross brackets to the side rails.

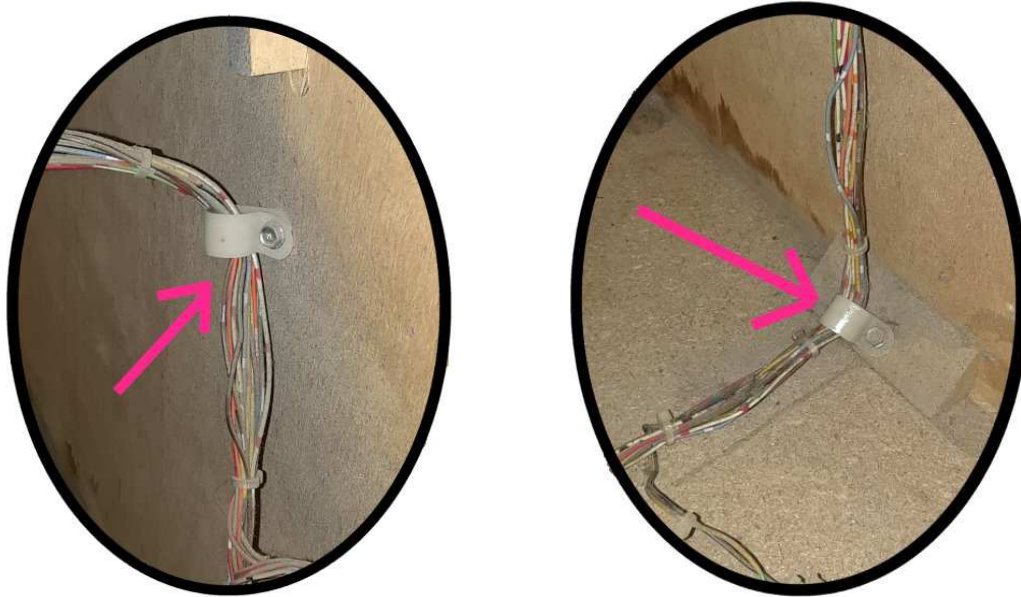
Make the new connections:

- Plug the power supply into the back of the monitor as show below.
- Connect the original video signal wires as show below also.
(If the video signal cable is not long enough, see the next step to gain some slack)
- Attach the power chord to the new square power supply.
- Plug the new power chord into the original cabinet monitor power connector.



Video signal and Power connections

If you need more slack in the video signal cable, remove the cable clamp securing the wires to the side and base of the cabinet. Then snip any cable ties needed to loosen the video signal wires from the bundle.



Install new cardboard monitor surround (optional)

Attach new monitor surround with double back tap to the front, outside frame of the monitor.

Replace front artwork and control panel.

Test installation

Plug in the cabinet to the wall

Power up the game

Test play the game