

How to connect to old CNC CRT monitor to LCD Monitor

This Retrofit Monitor is designed for replacing old CRT monitors for CNC. Custom wire adapter is included, so you can plug your existing video signal connector directly into our wire adapter. They support all format of old CNC CRT monitor from MDA (Mono chrome, 18.4Khz), CGA (15.8Khz), EGA(21.8Khz), VGA(31.5Khz and SVGA(35.2Khz). It had upgraded to our UB54 sunlight readable LED kit. It will last 10 times longer than CCFL backlight. Easy to install, anyone can do it! It comes with a 1 year warranty.

Connecting to wire Adaptor:

Connect DB9 (9 pin) to our new retrofit LCD replacement monitor, Connect the other end to your existing signal cable, then the retrofit monitor will automatically detect and lock in that frequency. To adjust V and H size, please use the following combinations:

Height and V_position to find the best combination for vertical size.

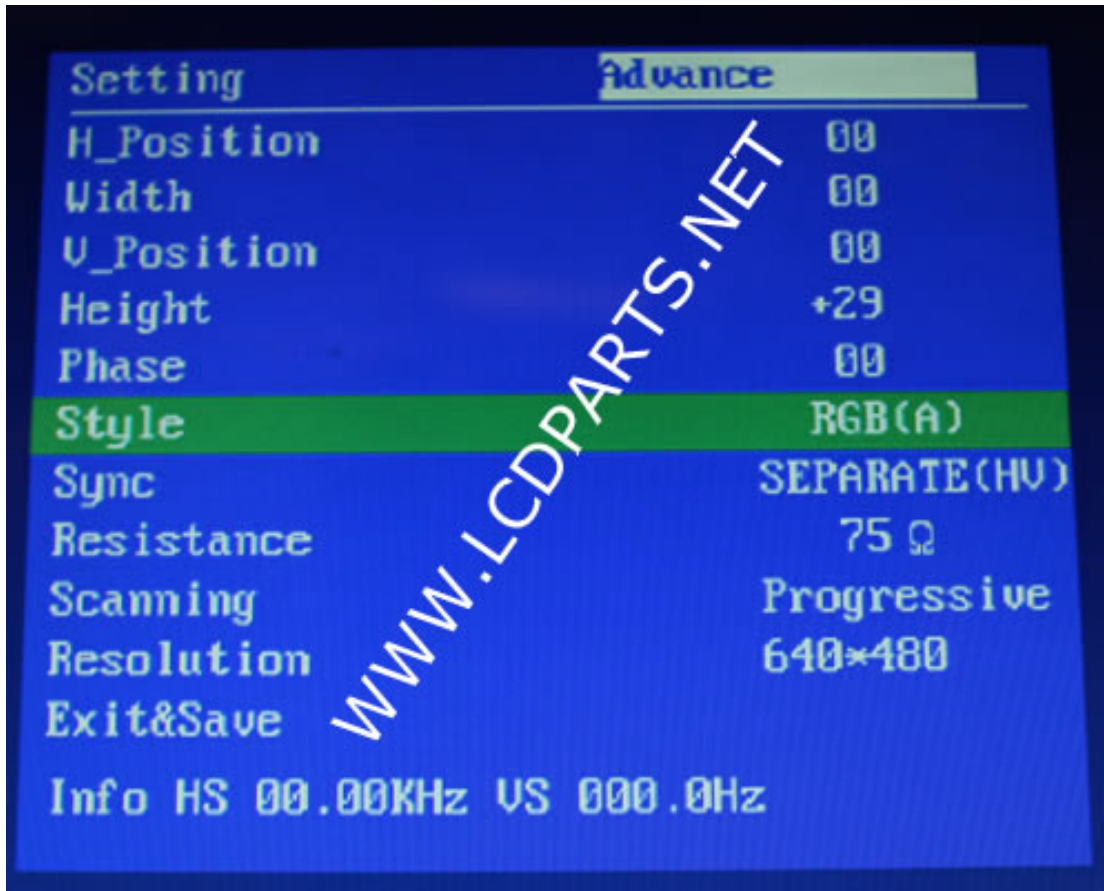
Width and H_position to find the best combination for horizontal size.

Please also refer to **Changing the setting and Troubleshooting** section for more details

OSD Menu and Input Connector



Button	Description
1	Power input, DC12V, $\geq 2A$
2	Press it once it to move the cursor up/down,
3	Press it once to bring up OSD Menu. Press it again to select and press it once to exit Menu
4	Not Use (Invalid interface)
5	DB9 connector. To be connected to input



Changing the setting and Troubleshooting

Selecting a correct input source as follow:

MDA=RGB(D), CGA/EGA/VGA=RGB(A), YUV color=YUV

Press MENU once, to bring up OSD Menu

Then Press - or + go to "Style"

Press MENU once, Style text will change to Red

Press + or - to select correct input

Press MENU to save it

Changing resolution:

Press MENU once

Press - or+ go to Resolution

Press MENU, Resolution Text will change to Red

Press - or + select 640X480 Press MENU once, Press - or + go to EXIT Save Press MENU to save it

Adjust the image to fit LCD screen

Press MENU to bring up OSD Menu

Press - or + to select such as H-Position, V-Position, Width, and height adjustment.

Save and Exit: Save all the parameters and exit the menu.

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Note 1: If the screen shows elongated, and the overflow to the bottom of the screen, change scanning to Progressive Scan; if the adjustment of the vertical position to a maximum, the image display is still only half of the display, then change scanning mode to: interlaced scan (Interlaced).

Note 2: input impedance; select the input source impedance than with select 750 in Europe, relatively light, if you choose all 750 European white sides, you should choose for the 75 euro.

Note 3: the phase adjustment, if the image appears small waves up and down type jitter, can adjust the consistency with the input signal phase.

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