

NOVASTAR LED DISPLAY CALIBRATION

NovaLCT-Mars - [Download](#)



NovaLCT-Mars configures your interlocking LED display panels and orients the flow of video signal through each tile in the chain.

CONFIGURATION

1. Open Novastar

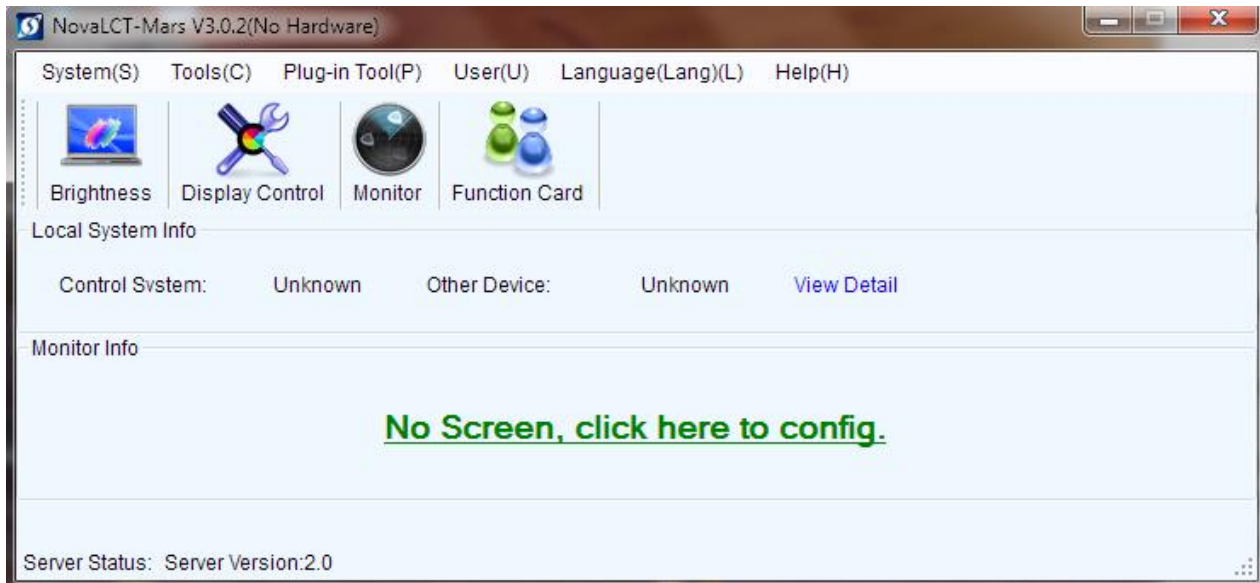


Figure 1: Startup screen

2. Login
 - a. User/Advanced login

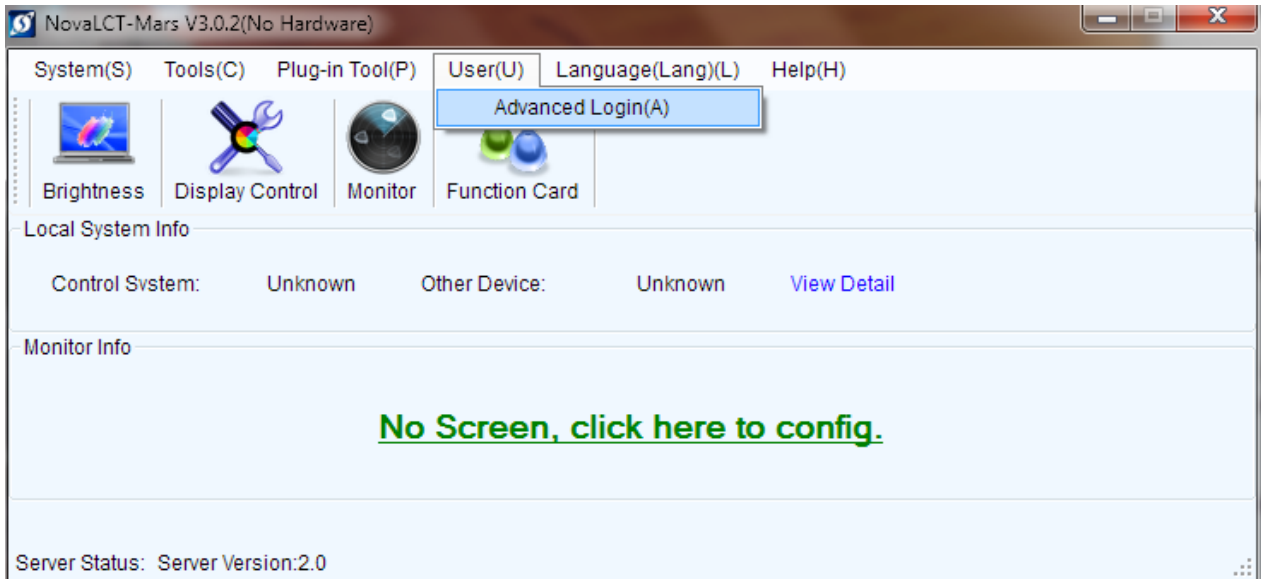


Figure 2: Logging in

3. Go to Screen Config/Next

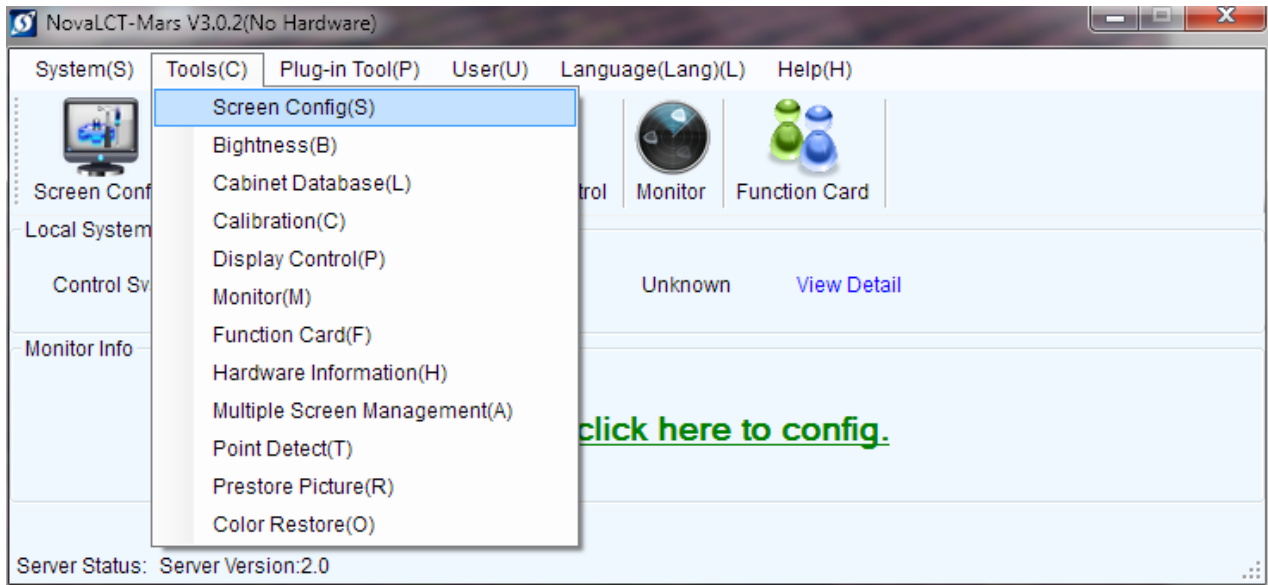


Figure 3: Screen Configuration

4. Match the resolution on the software to that of the computer

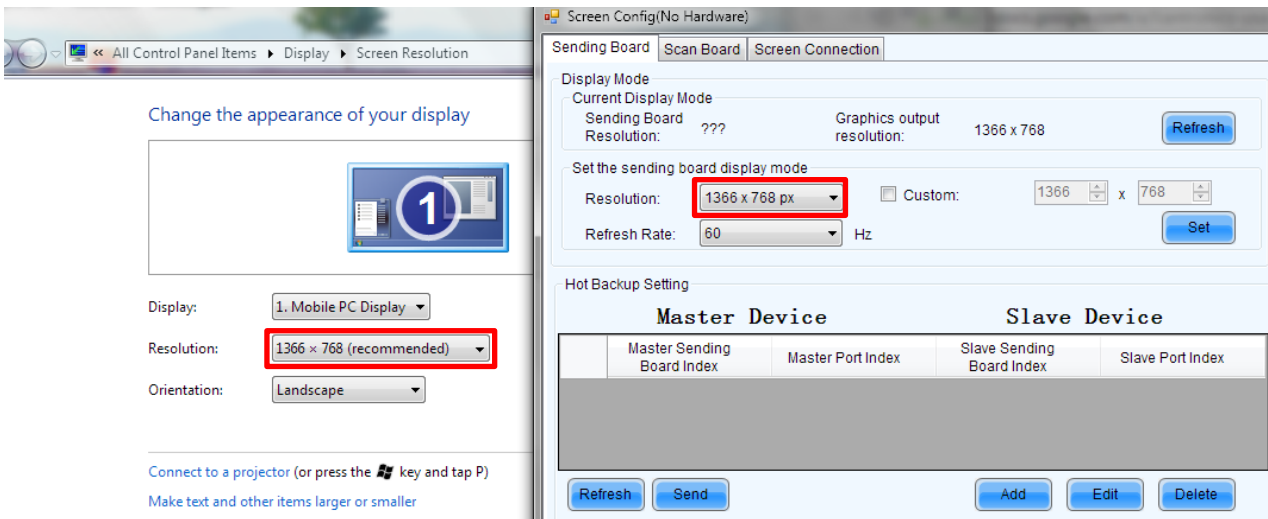
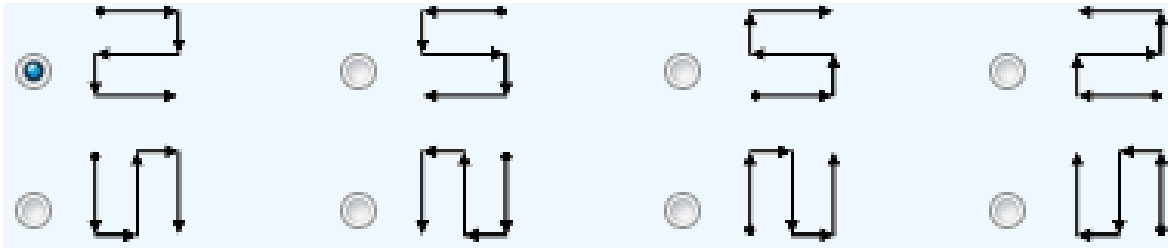


Figure 4: Matching resolutions of the computer and the software

5. Click on Screen connection tab

- a. Specify number of fully assembled screens on the top right corner and press "Config." The number of tabs should reflect the number of screens chosen.
- b. Simple screen - This can be used for the very basic set up: all cabinets must be equal in size and resolution, the complete setup is rectangular and is connected in one of these ways...



- i. Select one of the connection options shown above that reflects the physical connection of the screen looking from the front of the screen
 - ii. Next, input number of cabinet (rows and columns) in scan board rows/columns
 - iii. Enter in the resolution of each cabinet (width and height)
 1. Resolution is calculated by cabinet length/pixel pitch
 - iv. *Note*.. Basic Information:
 1. X and Y location refers to the starting location of the displayed screen... Top left corner is (0,0). In general, this does not need to be altered.
- c. Standard Screen - This can be used for more complex configurations with
- i. Reset the configuration by clicking the "reset all" button
 - ii. Input the number of rows/columns of the screen
 - iii. Input the correct resolution of each cabinet under "scan board size"
 - iv. Connect the screens together on the software corresponding to how it is physically connected using either the keyboard arrow keys or the mouse
 - v. Send to HW and check to see if the screen is correct
 1. If it is, save and close that screen
 2. If not, recheck the physical connections and repeat step iv until the screen is configured properly
- d. Complex Screen - This can be used for very complicated assemblies: Screens containing pans of multiple different sizes, resolutions and configurations.
- i. Click "Add" to generate one scan board (one cabinet)
 1. Edit the settings: Starting position in X and Y, and also the resolution width and height of the particular cabinet
 2. Repeat step 1 for all cabinets
 - ii. Send to hardware and check to see if the screen is correct
 1. If it is, save and close the screen
 2. If not, recheck connections and edit the scan board settings if necessary

6. Save the setting by clicking Save on the bottom right corner of the screen.