## **Pixelcade Setup Guide for GameEx Evolution (Windows)**

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| **Step 1  Download and Install Pixelcade** | Windows 7 and Windows 10 (64-bit) have been tested |
|  | * Download and install the Pixelcade LED Marquee software for Windows.      * Install Pixelcade under your GameEx Evolution folder like C:\GameEx Evolution\Pixelcade or C:\Pixelcade is also fine |
|  | * Choose < 1 Panel (64x32) > if you have one LED matrix panel for a 64x32 resolution or < 2 Panels (128x32) > if you are daisy chaining 2 LED matrix panels. The artwork will be different based on this selection. |
|  | * From the GameEx Setup Wizard, choose < Emulator Setup> and enter these settings. Be sure and choose the path where your Pixelcade is installed which is c:\pixelcade in this example. * Repeat for each desired emulator  |  |  | | --- | --- | | Emulator | Command Lines | | MAME | *Launch App Before*  File Name: mame.bat  Arguments: mame [ROMNAME]  *Launch App After*  File Name: default.bat  Arguments: mame | | Atari 2600 | *Launch App Before*  File Name: atari2600.bat  Arguments: atari2600 [ROMNAME]  *Launch App After*  File Name: default.bat  Arguments: atari2600 | | Nintendo Entertainment System | *Launch App Before*  File Name: nes.bat  Arguments: nes [ROMNAME]  *Launch App After*  File Name: default.bat  Arguments: nes | | C64 | *Launch App Before*  File Name: c64.bat  Arguments: c64 [ROMNAME]  *Launch App After*  File Name: default.bat  Arguments: c64 | | Coleco Vision | *Launch App Before*  File Name: coleco.bat  Arguments: coleco [ROMNAME]  *Launch App After*  File Name: default.bat  Arguments: coleco |   The following emulators have .bat files and a default LED GIF but you can add additional ones too following the same format  3do.bat  amiga.bat  atari2600.bat  atari5200.bat  atari7800.bat  atari800.bat  atarijaguar.bat  atarilynx.bat  atarist.bat  c64.bat  capcom.bat  coleco.bat  daphne.bat  dreamcast.bat  fba.bat  futurepinball.bat  gamegear.bat  gb.bat  gba.bat  gbc.bat  intellivision.bat  mame.bat  mastersystem.bat  msx.bat  n64.bat  neogeo.bat  nes.bat  ngpc.bat  odyssey.bat  pcengine.bat  ps.bat  ps2.bat  psx.bat  saturn.bat  sega32x.bat  segacd.bat  snes.bat  ti99.bat  vectrex.bat  visualpinball.bat  wonderswancolor.bat  zinc.bat  zxspectrum.bat |
| If you’re on Windows 10, the PIXEL board will show up as “USB Serial Device”    If installing the driver manually    Right click and Choose Update Driver Software…    Browse to the driver folder in your Pixelcade installation | * Power on your PIXEL board and plug into your USB port on your PC using the included USB A-A cable. * Ensure the toggle switch on the board is pointing towards “USB”, it will not work if it’s pointing towards “BT”. * Your board will show up under Windows device manager in the Ports selection as either PIXEL-LED (Windows 7) or USB Serial Device (Windows 10). * If you’re on Windows 7 and need to install the PIXEL LED board driver manually, it’s located under <Your Pixelcade Install folder>\driver * Take a note of the COM port that has been assigned. |
|  | * From the Windows start menu, launch “Pixelcade Config” * Change the port to match your PIXEL board from the previous step. * The install program will automatically set the Led Resolution to 64x32 if you selected 1 panel or 128x32 if you selected 2 Panels from the earlier steps. But you can change here if you change your installation type later. |
|  | * Now let’s run a test and check if your PC is communicating to Pixelcade. * Launch “Pixelcade Test Write to LED Panel” * If successful, you’ll see the output on the left and the 1941 game logo will be displayed. * If not successful, check in Windows device manager that the board has been recognized and double check that you have selected the correct port in “Pixelcade Config”   If you receive an error java was not found, then you’ll need to install Java. VERY IMPORANT: You must install Java 32-bit, Java 64-bit  is not compatible  <https://java.com/en/download/manual.jsp> |
|  | * Now launch GameEx Evolution and after selecting a game, the LED display should change to a generic LED marquee respective to the selected emulator. * You can add specific LED marquees for your favorite games by creating a 64x32 or 128x32 GIFs using your favorite image editor like Photoshop. Simply name the GIF to match the rom name and place in < your pixelcade install \ emulator >. * So for example, the game 1941 has four roms:   **1941.zip**  **1941j.zip**  **1941r1.zip**  **1941u.zip**  So you would create one .GIF design and make 4 copies with the names:  **1941.gif**  **1941j.gif**  **1941r1.gif**  **1941u.gif**  And place them in for example  **C:\GameEx Evolution\Pixelcade\mame**  Be sure and use the .gif extension and not the extension of the rom.  If the game selected in GameEx Evolution does not have a specific GIF, then a generic GIF for the selected emulator will be automatically selected instead. |