



PLATFORM MANUAL



STEPMANIAX PLATFORM

WELCOME

Thank you for purchasing a StepManiaX Platform. Whether purchased as an all-in-one product with the StepManiaX software, or individual for customized use, we sincerely hope you enjoy your new platform - it was made for passionate users like you!

USAGE

If part of a complete StepmaniaX installation, your platform will be pre-configured and fully ready to be used. Simply launch the game normally, and the platform will be configured via the game software with all available features.

To use the StepmaniaX platform with other software, connect the USB cable to the device of your choosing. Remember to also provide power to the platform via the AC cable if not being used with the all-in-one unit.

The platform will identify to the operating system as a standard game controller and works out of the box on Windows, Linux, and macOS-based computers. The configuration tool is available for Windows PCs to allow for additional customization. Configuration is stored on the platform's internal memory, so even if your desired operating system does not have the configuration tool available, settings will stick if it is configured on one that does support it.

If you are looking for minimal configuration, simply launch the software you wish to use it with and use the available key mappings to configure your software for the input panels. For "simulation" games, this is done usually through an options menu, under "Configure Key/Joy Mappings". The default configuration of the platform has sensors installed in the Up, Down, Left, Right, and Center panels, so those are the available buttons for whatever software you are attempting to use. If additional panel sensors are installed in the remaining panels, they will also be available for mapping.

CARE

Your StepManiaX Platform shouldn't require scheduled maintenance, however it has been built for easy disassembly and care.

To clean the platform, simply use a mild soap and water solution and a soft cloth. Harsher materials may scratch the service of either the metal or the directional panels. Standard glass cleaning solutions are also an acceptable alternative to clean the directional panels, but do **not** use an acetone-based solution, as this will cause damage to the surface.

Each individual panel can be opened by unscrewing the four screws located around the edge of the panel. When the platform is opened, be careful not to spill anything or damage the internal circuitry.

PURCHASER INDEMNIFICATION AGREEMENT

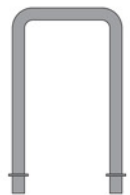
The StepManiaX platform is an accessory to an interactive computer software game that encourages the user(s) to engage in strenuous and physically demanding activity, requiring repetitive impact on the feet, joints, hands, spine – the entire body of the user while engaged in the activity for which the StepManiaX platform was designed. upon the purchase of the StepManiaX platform or software, the purchaser acknowledges his or her awareness of these risks and hereby indemnifies Step Revolution from liability for injury or accident involving any Step Revolution product after it has left the company premises. Step Revolution advises that all persons consult their doctor before engaging any strenuous physical activity. always wear shoes when using your StepManiaX platform, and exercise caution when handling or moving it.

STEPMANIAX PLATFORM

ASSEMBLY

Your StepManiaX Platform ships with the main platform already assembled and ready to use. Please follow these steps to attach and secure the bar.

PARTS NEEDED



SMX Bar



2x Large Bolts



6x M5 Screws



2x Washers



2x Lock Washers

TOOLS NEEDED



Adjustable Wrench



Allen Wrench

ATTACHING THE BAR

1. Insert the bar into the platform. Make sure the holes on the bar align with the holes on the platform.

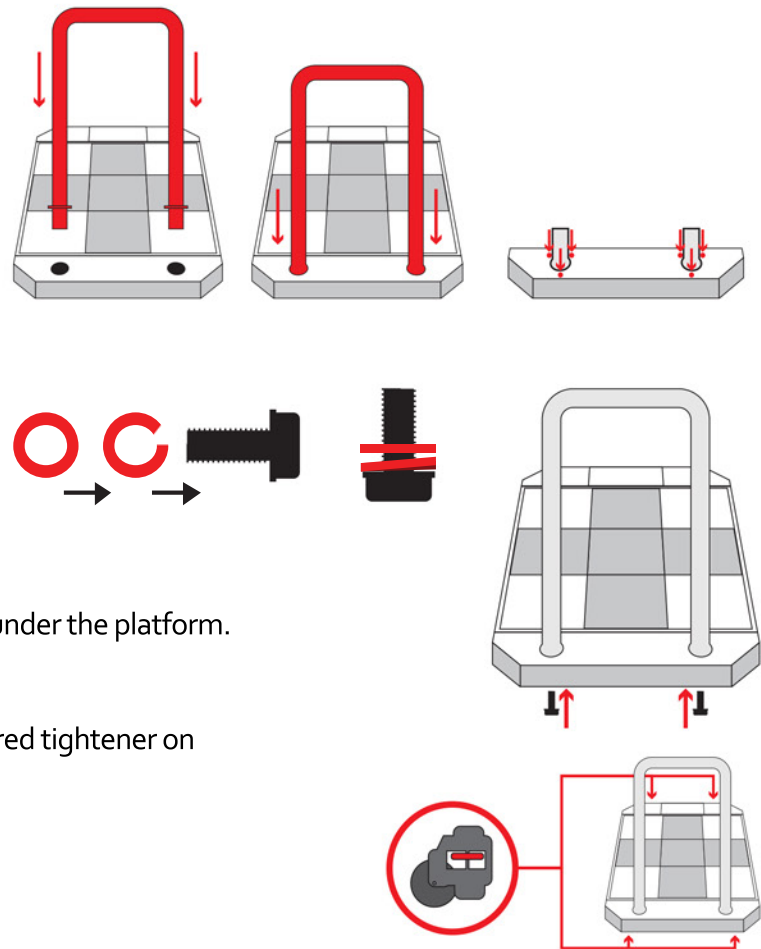
2. Using the six M5 screws, attach the bar to the top of the platform.

3. Place a lock washer onto each large black bolt, and then place a standard washer onto them as well.

4. Securely tighten both bolts to the bottom of the bar, under the platform.

5. Secure the platform from movement by spinning the red tightener on the platform's wheels counter-clockwise until tight.

Your platform is now ready for use.



OPTIONAL **ADVANCED** SPACER INSTALLATION

If you have purchased additional spacers for adjusting the height of the panels, install these by removing a panel, inserting the spacer into the frame, and reinstalling the panel on top of it.

Alternatively, each PCB holder can be removed and have the spacer installed under it.

IMPORTANT

Sensors will need to be re-adjusted after installing spacers. To adjust, spin the rubber cushion on the top of the sensor clockwise or counter-clockwise. Verify sensitivity settings and adjust using the SMX configuration tool.

CONFIGURATION TOOL

STEPMANIAX PLATFORM CONFIGURATION TOOL

The configuration tool is a standalone application for Windows PCs that lets you customize your StepManiaX dance platform. The latest version can be downloaded from our website at stepmaniax.com:

The tool installation file is located under the Downloads section on the main page.

We're always improving our software, so the look and functionality might differ from what you see here. You can find the the latest documentation on our website above.

Each platform saves its own configuration internally on the platform itself, so once you've made changes, they'll be active anywhere you use your platform. This allows the platform to be configured on Windows once, and be used on other operating systems without having to reconfigure your settings.

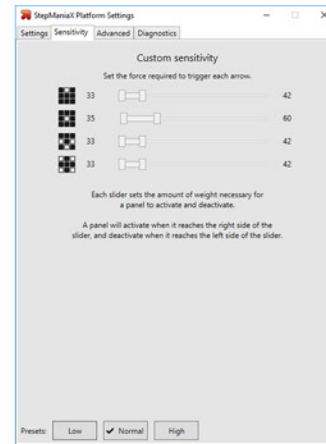
If you're using your platform with the StepManiaX game, you won't use this tool. The in-game options menu is used instead.

SETTINGS



This section contains most commonly-used options. The sensitivity of the pad can be adjusted, and you can set the color each panel lights when active.

SENSITIVITY



This section gives fine-grained control over the sensitivity of each panel.

Most users can use the default settings, or use the quick selection in the settings tab. See the onscreen help for details about this section.

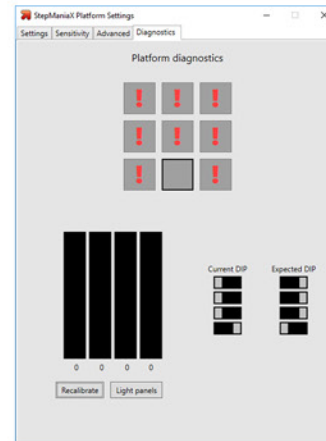
ADVANCED



"Active Panels" allows selecting which panels have inputs attached. If you've reconfigured your platform to use a different panel arrangement, enable the corresponding panel here.

Factory Reset will undo any configuration changes stored on the platform.

DIAGNOSTICS



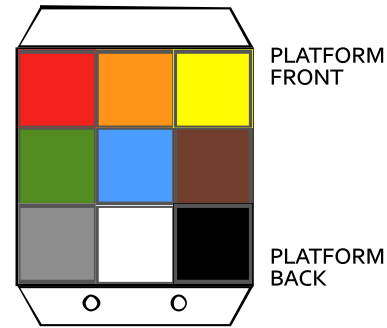
The diagnostics section allows checking the panel wiring, weight sensors and DIP switches. If you've made modifications to your platform, this allows you to quickly check that everything is connected correctly.

After selecting a panel at the top, live readings for each weight sensor (if any) are displayed, along with the current DIP switch setting.

WIRING AND DIP SETTINGS

If your platform requires maintenance, these are the specific settings for each panel. Make sure that each panel has both the proper colored wire running from the control unit to each panel, along with the specified DIP switch settings.

Diagnostic modes at the bottom operate on a per-panel basis. Panels will not function normally when in diagnostic modes.



DIP SWITCH SETTINGS	ASSOCIATED PANEL	WIRE COLOR
0000 OFF OFF OFF OFF UP-LEFT PANEL RED		
1000 ON OFF OFF OFF UP PANEL ORANGE		
0100 OFF ON OFF OFF UP-RIGHT PANEL YELLOW		
1100 ON ON OFF OFF LEFT PANEL GREEN		
0010 OFF OFF ON OFF CENTER PANEL BLUE		
1010 ON OFF ON OFF RIGHT PANEL BROWN		
0110 OFF ON ON OFF DOWN-LEFT PANEL GRAY		
1110 ON ON ON OFF DOWN PANEL WHITE		
0001 OFF OFF OFF ON DOWN-RIGHT PANEL BLACK		

DIP SWITCH SETTINGS	TEST MODE INFORMATION
0000 ON OFF ON ON LED CHECK Lights all LEDs dim white. This allows checking that all LEDs are functioning.	
0000 OFF ON ON ON SENSOR PRESSURE TEST Illuminates the panel based on active sensors. Yellow, Green, Blue, and Red represent each individual sensor pressure.	
0000 ON ON ON ON STANDALONE MODE Panels light on press. This allows the panel to be used without a master controller for custom configurations.	