

Pan and Rotate View

Access:

Keyboard shortcut: **SHIFT + ALT/OPT + Drag** (Three Button Mouse Emulation)

Mode: 3D Editor

Panel: None

Menu: None

Description:

I find using the middle mouse button difficult as I tend to scroll the mouse wheel whenever I do it. So, I like to use Emulate Three Button Mouse instead. Then I can pan the view up, down, left and right by pressing SHIFT + ALT/OPT and dragging the mouse. To rotate the view all I need to do is press ALT/OPT and drag the mouse.

To Use the Tool:

Set Blender to Emulate a Three-Button Mouse

- **Open** Blender's **User Preferences** (**CMD + COMMA**).
- **LMB** click on the **Input Tab** in the editor window that opens.
- In the upper left-hand corner **check** "**Emulate 3 Button Mouse**".
- In the lower left-hand corner **LMB** on "**Save User Settings**" to have 3 button mouse emulation activated next time you open Blender.
- **Close** the User Preferences Editor.

- To **pan** view up, down, left and right, press **SHIFT + ALT/OPT** and **Drag**.

- To **rotate** view, press **ALT/OPT** and **Drag**.

or

Rotate, Pan and Zoom View

The number pad can also be used to rotate or pan and zoom the scene.

NUMPAD-4-KEY	= To the right
NUMPAD-6-KEY	= To the left
NUMPAD-8-KEY	= Up
NUMPAD-2-KEY	= Down

CTRL + NUMPAD-4-KEY	= Pan right
CTRL + NUMPAD-6-KEY	= Pan left
CTRL + NUMPAD-8-KEY	= Pan up
CTRL + NUMPAD-2-KEY	= Pan down
NUMPAD-PLUS-KEY	= Zoom in
NUMPAD-MINUS-KEY	= Zoom out

But, except for zooming, using the mouse is easier.

Let's Try It:

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- In the lower left-hand corner **LMB** on "**Save User Settings**" to have 3 button mouse emulation activated next time you open Blender.
- **Close** the User Preferences Editor.

- **Open Blender**.
- **Press SHIFT + ALT/OPT** and **Drag** to pan view up, down, left and right.
- **Press ALT/OPT** and **Drag** to rotate view.

Additional Comments:

To pan and rotate about a selection, make the selection, press NUMPAD-PERIOD-KEY to center on the selection, then SHIFT + ALT/OPT and Drag to pan view or ALT/OPT and Drag to rotate view.

For More Information:

Blender Reference Manual, **Input (Emulate 3 Button Mouse)**

<https://www.blender.org/manual/preferences/input.html>

Blender Reference Manual, **3D View**

https://www.blender.org/manual/editors/3dview/navigate/3d_view.html