

# SpacePilot™ PRO

The Ultimate Professional 3D Mouse

## Feature Guide

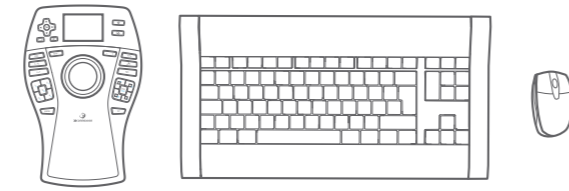
English Version

**3Dconnexion** A LOGITECH COMPANY | NAVIGATE YOUR 3D WORLD



### 1 Desktop Setup

Place the SpacePilot™ PRO on the opposite side of the keyboard to your standard mouse. One hand engages the 3D mouse to position your model: rotating, panning and zooming. The other hand uses the standard mouse to select, create and edit.



### 2 Ideal Hand Position

Position your fingers as shown. The contoured controller cap will guide your fingers into the perfect position for precise and effortless control.



### 3 3Dconnexion 6DoF Technology

SpacePilot™ PRO delivers the most advanced six-degrees-of-freedom (6DoF) sensor technology. Gently push, pull, twist or tilt the controller cap to pan, zoom and rotate 3D models or environments.



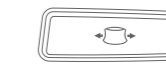
### 4 Standard 3D Mouse Keys

The Fit key instantly restores your model to the center of the screen while the Menu key opens the 3DxWare™ or application specific control panel for accessing essential SpacePilot™ PRO settings.



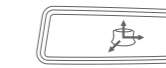
### 5 Navigation Setting Keys

Personalize how the controller cap works by restricting navigation to certain axis. The status of each navigation settings key is displayed in the LCD Function Key Applet.



#### Dominant Key (Top Button)

This button toggles dominant mode on or off. Dominant mode filters out all motion except for data coming from the axis that is being actuated the most.



#### Pan and Zoom Key (Middle Button)

This button toggles pan and zoom motion on or off. When turned on, translation motion along the three primary axes is allowed.



#### Rotation Key (Bottom Button)

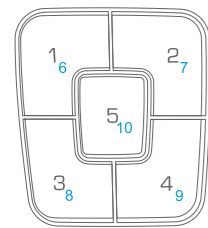
This button toggles rotation motion on or off. When turned on, rotation motion around the three primary axes is allowed. By turning rotation off, you can focus on smooth, simultaneous pan and zoom navigation only. This is ideal for work modes such as sketching or for quickly inspecting standard views of your model.



#### Speed Key

Adjusting the SpacePilot™ PRO navigation speed changes the amount of force or torque that needs to be applied to the controller to move a model or environment. By default, the speed is set to a level to help you adjust to the SpacePilot™ PRO quickly. You may find it useful to lower the speed for detailed, close-up work and increase the speed for design reviews and presentations.

### 6 Intelligent Function Keys\*



The five SpacePilot™ PRO function keys provide fingertip access to 10 frequently used application commands.

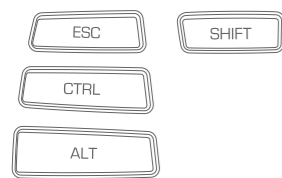
SpacePilot™ PRO recognizes the active application and work environment and automatically assigns relevant commands to the dual function keys. You can personalise the commands assigned to the dual-function keys using the 3DxWare™ control panel. The LCD Function Key Applet provides visual feedback on the assigned commands.

A short press activates the keys primary function (commands 1–5).

A long press (press and hold) activates its secondary function (commands 6–10).

\* Automatic application detection is not available in all applications. Check the SpacePilot™ PRO technical specification on [www.3dconnexion.com](http://www.3dconnexion.com) for more information.

### 7 Keyboard Modifiers



The conveniently positioned Ctrl, Shift, Alt and Esc keys allow you to access special functionality or editing features in your software application without needing to move your hand to the keyboard.

### 9 LCD Workflow Assistant

The full-color LCD provides visual feedback on the function keys, navigation setting status and access to productivity applets. When SpacePilot™ PRO is first connected or the computer starts up, the LCD home screen displays all available applets.



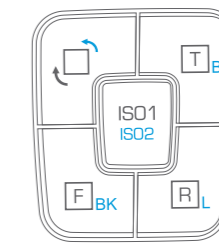
### 3Dconnexion Applets

3Dconnexion Applets (mini applications) specific to SpacePilot™ PRO run on your host computer and are displayed on the LCD panel. These applets range in functionality from office productivity tools to feedback on function key assignment.



### 8 QuickView Navigation Keys\*

Fingertip access to 32 views. Each button is dual-function. A short press activates the key's primary view command (white icon). A long press (press and hold) activates its secondary view command (blue icon).



#### Standard Views

Three buttons enable you to select each side of your model (six views)

Label	Short Press	Long Press
T / B	Top view	Bottom view
F / Bk	Front view	Back view
R / L	Right view	Left view

#### Two Isometric Views

ISO1 shows the model with the top/front/right sides facing front. ISO2 shows the model with the top/back/left sides facing front.

#### 90-Degree Rotation Key

A short press rotates the view by 90 degrees clockwise. A long press rotates the view by 90 degrees counter-clockwise.

\* Support for 32 views is not available in all applications. Check the SpacePilot™ PRO technical specification on [www.3dconnexion.com](http://www.3dconnexion.com) for more information.

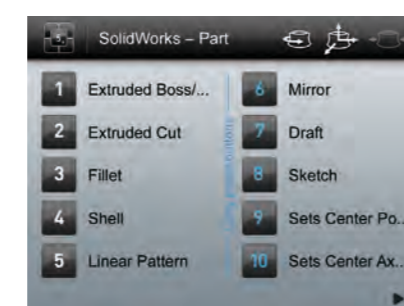
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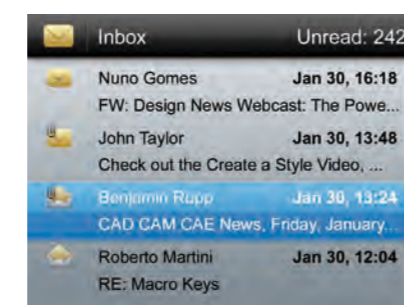
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#### Example 1: The Function Key Applet

The function key applet displays the commands that are mapped to the function key for the active application. SpacePilot™ PRO includes several default function key mappings for leading 3D applications including: CATIA™, NX™, SolidWorks™, Inventor™, and Pro/ENGINEER™. You can easily customise the commands assigned to the function keys using the 3DxWare™ control panel.



#### Example 2: The Mail Applet\*

The mail applet retrieves information from Microsoft® Outlook®. A list of the most recently received e-mails is displayed, sorted by date and time. The sender's name and subject are displayed for each e-mail. Pressing the OK key on a selected e-mail opens the e-mail in Outlook® on your main computer screen. You can also view information on tasks and calendar entries.

\* Microsoft® Outlook® 2003 or later required on host PC.

### 10 LCD Control Keys



#### Arrow Keys

Primary LCD navigation. For example, on the home screen, press the down key to select the next item in the list. Press left or right to move through lists arranged horizontally.



#### OK Key

The OK key is situated in the middle of the four arrow keys and is used for selecting items.



#### Home Screen Toggle Key

The home screen key switches between the active applet and the LCD home screen. Each press of the key toggles between the LCD home screen and the last active applet.



#### Back Key

Applets have a hierarchical user interface structure with general items at the top level and specific items at lower levels. The back button moves you up the structure.



#### LCD Key

Toggle LCD illumination on or off.



#### LCD Menu Key

Provides access to information specific to the current LCD state.

### Important Information

#### Please register

Register your SpacePilot™ PRO to ensure you are notified of software updates and important 3Dconnexion news.

To register, visit: [www.3dconnexion.com/register](http://www.3dconnexion.com/register)

#### SDK

The 3Dconnexion LCD Workflow Assistant is based on an open software architecture enabling the development of customized applets\*. After installing SpacePilot™ PRO, the SDK and supporting documentation can be found in the following location:

C:\Program Files\Logitech\GamePanel Software\LCD Manager\SDK

\* Microsoft® Windows® only

#### Support

For help with general 3D mouse settings, click the Windows® "Start" button, and then: All Programs – 3Dconnexion – 3Dconnexion 3DxWare - Documentation

For further assistance, visit the support overview page at: [www.3dconnexion.com/support](http://www.3dconnexion.com/support)

Here you can access a range of online services including our knowledge base, forum and product documentation as well as email and telephone contact information for our technical support team.