

# 3Dconnexion Overview



## Company Profile

- The world leader in 3D navigation technology for more than 15 years with over 1 million units sold.
  - 3Dconnexion 3D mice are standard components in many of the worlds leading companies.
- Providing MCAD, AEC, DCC, GIS and medical professionals complete freedom in the 3D world.
- Extensive R&D to ensure powerful and seamless integration with leading 3D applications.
- Supported by over 400 resellers worldwide as well as major PC workstation suppliers including Dell, Fujitsu Technology Solutions, HP and Lenovo.



**BOSCH**



# It's like holding the 3D model in your hand.

- A 3D Mouse provides intuitive and effortless navigation of 3D models and environments.
- The key to all 3Dconnexion 3D mice is the Controller Cap.
  - Gently push, pull, twist or tilt the cap to simultaneously pan, zoom and rotate the model.

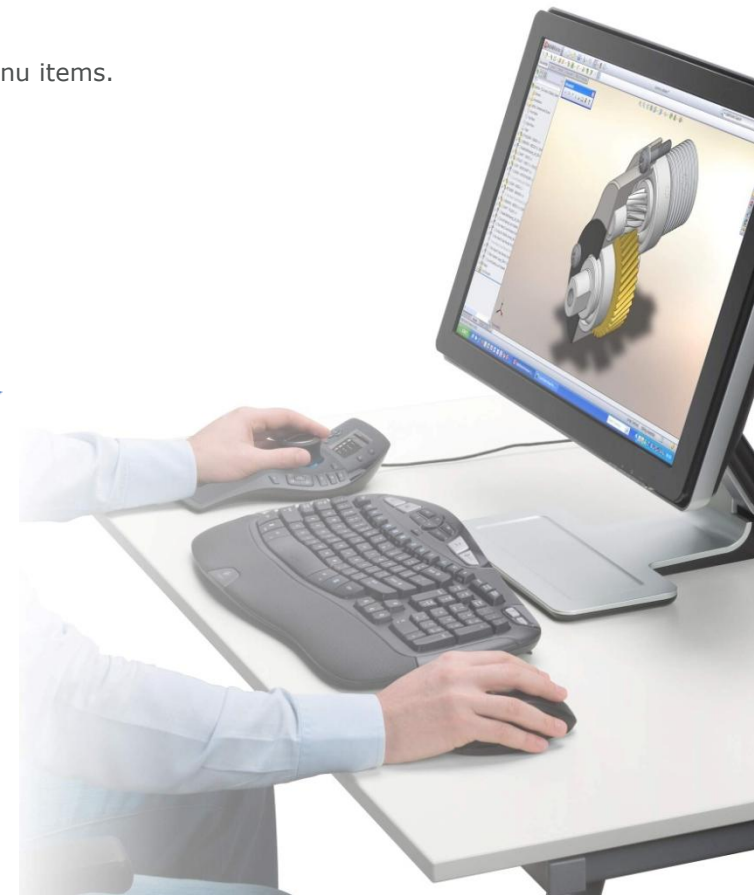
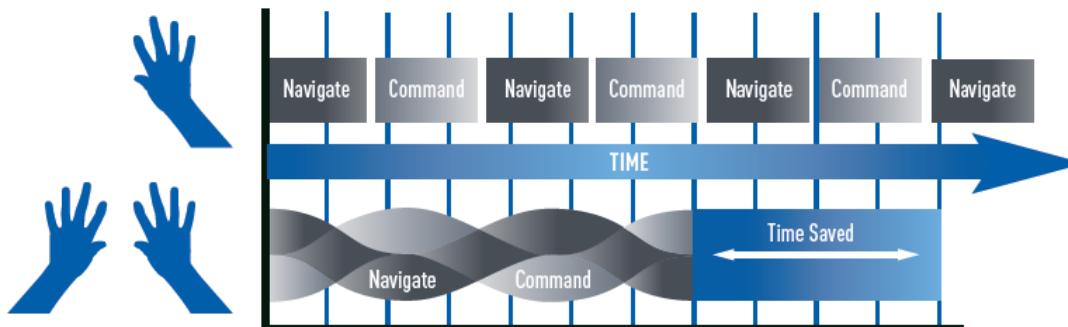


*"With the SpacePilot PRO, I can move around a model and rotate an assembly with greater ease – as if I'm holding it in my hand."*

Dale Wagler  
Lead Industrial Designer  
Line 6

# Faster, More Comfortable Design

- A 3D mouse is used together with a traditional mouse engaging both hands into a balanced and cooperative work style.
  - One hand engages the 3D mouse to position the model.
  - The other hand uses the traditional mouse to edit the model or select menu items.
- It's a more efficient and comfortable way to work.



*"Our experience is that people are surprised how much more they can achieve with their CAD software when using a 3D mouse".*

*Petr Rešl  
Head of Process and System Integration – Product Development  
Skoda Auto*

# The Result

- Productivity gains of more than 20%
  - Reduced time to market.
- Improved error detection.
  - Reduction in costly design errors.
- Increased comfort
  - Up to 50% less mouse clicks, reduced risk of RSI.
- High return on investment.
  - Payback period typically less than one month. Significant annual ROI.



*"A 3D mouse gives you a direct link to your model and this accelerates the design process from concept to delivering a product to market".*

*Chris Flynn  
Owner  
Flynn Product Design*

# The 3D Mouse Family

# Professional Series 3D Mice

- Performance features for professional users.
  - **QuickView Navigation Keys** - instantly access up to 32 standard views.
  - **Intelligent Function Keys** - fingertip access to up to 10 application commands.
  - **LCD** for visual feedback on function key assignment, model properties, email and more (SpacePilot PRO).
  - **Navigation Settings Keys** – adjust controller cap speed or restrict navigation to a certain axis.
  - **Keyboard Modifiers** (Ctrl, Shift, Alt, Esc) - navigate while accessing special application functionality or editing capabilities.
  - **Advanced wrist rests** – enhanced stability and optimum hand position.



# SpacePilot PRO

## The Ultimate Professional 3D Mouse

- **3Dconnexion patented 6-Degrees-of-Freedom (6DoF) technology**
- **LCD Workflow Assistant** - Reduced interruptions and increased focus on the CAD application
- **Second generation QuickView Navigation Keys** - One touch access to 32 standard views for improved error detection, design review and design presentation.
- **Dual-function Intelligent Function Keys** - Easy access to 10 application commands for an optimized workflow.
- **Navigation Settings Keys** - Personalize how the controller cap works or restrict navigation to a certain axis.
- **Advanced wrist rest design** - Full width for maximum comfort and increased focus even during the longest work sessions.



SpacePilot<sup>PRO</sup>

-  Function Keys
-  Outlook Mail
-  Outlook Calendar
-  Outlook Tasks
-  RSS Feeds

Any Application

1 Mail	2 Web Browser
6 Media Play/Pause	7 Media Stop
5 File Manager 10 Media Player	
3 Web Search	4 Skype
8 Media Backward	9 Media Forward

Long press buttons

drive shaft pin f11

Type:	Part
Author:	Fred Gomes
File Size:	180224 bytes
Created:	5/8/1998 12:23:47 PM
Last Saved:	7/28/2009 11:22:57 AM
Last Saved by:	f10mtan
Mass:	0.13 g
Volume:	18.62 mm <sup>3</sup>
Material:	AlSI 304-F
Density:	0.01 g/mm <sup>3</sup>



# SpaceExplorer

## The Professional 3D Mouse

- **3Dconnexion patented 6-Degrees-of-Freedom (6DoF) technology.**
- **QuickView Navigation Keys** – One touch access to four standard views for improved error detection, design review and design presentation.
- **Intelligent Function Keys** – Easy access to two application commands for an optimized workflow.
- **Navigation Settings Keys** - Personalize how the controller cap works or restrict navigation to a certain axis.
- **Advanced wrist rest design** – Mid size for a comfortable working experience.



## SpaceNavigator The 3D Mouse

- 3Dconnexion patented 6-Degrees-of-Freedom (6DoF) technology.
- 2 programmable buttons.
- 78mm x 78mm x 53mm 3.1" x 3.1" x 2.1".
- 479g / 1.06lb.

## SpaceNavigator for Notebooks The Portable 3D Mouse

- 3Dconnexion patented 6-Degrees-of-Freedom (6DoF) technology.
- 2 programmable buttons.
- 68mm x 68mm x 46mm 2.7" x 2.7" x 1.8".
- 250g / 0.55lb.



# Product Range

## Professional Series

## Standard Series

 SpacePilot<sup>®</sup> PRO

 SpaceExplorer<sup>®</sup>

 SpaceNavigator<sup>®</sup>  
for Notebooks

 SpaceNavigator<sup>®</sup>


### Control

3Dconnexion 6DoF Technology

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Compact Controller Cap

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QuickView Navigation Keys

 2G  
32 Standard Views

 1G  
4 Standard Views

Navigation Settings Keys

 Speed, Rotation, Pan/Zoom,  
Dominant

Speed, Rotation

### Performance

 Intelligent Function Keys  
(total programmable keys)

 10  
(31)

 2  
(15)

 2  
(2)

 2  
(2)

LCD

 Full Colour with  
Workflow Assistant

### Comfort

Advanced Wrist Rest Design

Full Size

Mid Size

 Keyboard Modifiers  
(Ctrl, Alt, Shift, Esc)

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# Supporting Info

# Independent Research

Productivity Gains	Increased productivity, most within the first week	86%
	Average productivity increases	21%
Design Performance	Improved error detection	84%
	Improved overall design quality	85%
Enhanced Comfort	Reduced physical fatigue or discomfort	72%
Ease of Use	Comfortable using a 3D mouse within 2 days	80%
	Proficient within first week	66%