

## 37 Standard Keymap

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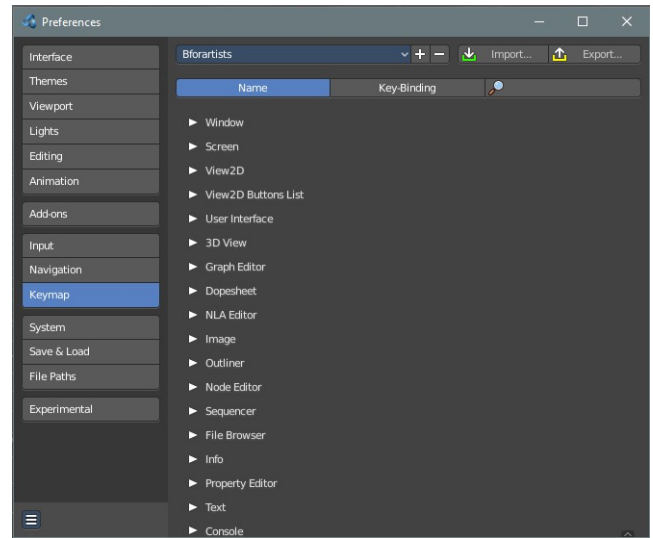
# Introduction

The interaction concept for Bforartists is the graphical UI. And so the Bforartists key map is as reduced as possible. It still contains most of the standard navigation hotkeys, and also standard hotkeys like for copy and paste, but nearly all hotkeys for tools are removed. So that users can implement their own hotkeys how they need it and when they need it.

The key map that you can find in the Input Manager in the User Preferences is nevertheless still pretty heavy as you can see here. That's because the Input Manager in the user preferences contains all available user interaction. And not just the usual hotkeys to call tools like in other software. There is no distinction between tools and things like editor manipulation. Every user interaction is defined here. So be careful what you change at the here listed input nodes. You may remove a vital part to deal with windows for example.

The hotkeys are also editor specific. So there are lots of repetitions when you need the same hotkeys across several editors too. Navigation hotkeys for example exists in all editor sub categories.

The key manager is divided into categories. And this part of the manual follows the same structure.



## Legend

dbl- = Double tap. You need to press this key twice.

Ndof hotkeys are for tablet or 3d mouse.

Note that some hotkeys are used in more than one menu. That's for example the case for hotkeys in the Node Editor section. They are true in three different editors, Shader Editor, Compositor, and Texture Node Editor. To make it even worse, some exists in just one editor, and in a special mode.

# Window

## Window

Name	Function	Menu location	Hotkey
Reload Startup File	Creates a new scene	Header / New	Ctrl N
Open Blender File	Open Blender file	Header / Open	Ctrl O
Save Blender File	Save Blender File	Header / Save	Ctrl S
Save As Blender File	Save As Blender File	Header / Save as	Shift Ctrl S
Call Menu	Calls the Quick Favorites menu	No Location	Q
Call Menu	Ndof device for 3dConnexion	No Location	Ndof Menu
Context Scale Float	Ndof device for 3dConnexion	No Location	Ndof Plus
Context Scale Float	Ndof device for 3dConnexion	No Location	Ndof Minus
Context Scale Float	Ndof device for 3dConnexion	No Location	Shift Ndof Plus
Context Scale Float	Ndof device for 3dConnexion	No Location	Shift Ndof Minus
Update Reports Display	Unknown	No Location	Timer Report
Search Menu	Search Menu	Header / Edit Menu / Operator Search	F3
Toggle System Console	Toggles System Console - Windows only, makes problems on Linux.	Header / Window Menu / Toggle System Console	F2
Call Menu	Calls the file context menu	None	F4

## Screen

### Screen / Screen (Global)

Name	Function	Surface menu location	Hotkey
Animation Step	Unknown	No Location	Timer 0
Region Alpha	Unknown	No Location	Timer Region
Toggle Maximize Area	Toggles the current selected editor between Fullscreen and Windowed. WITHOUT menus	Right Mouse menu of the menu bars	Ctrl Spacebar
Toggle Maximize Area	Toggles the current selected editor between Fullscreen and Windowed. WITHOUT menus	Right Mouse menu of the menu bars	Ctrl Alt Spacebar
Cycle Space Context	Calls a pie menu to switch between modes.	None	Ctrl Tab
Cycle Workspace	Cycle through the workspaces	None	Ctrl Page Up
Cycle Workspace	Cycle through the workspaces	None	Ctrl Page Down
Toggle Quad View	Toggle Quad View	3D View / View Menu / Area Menu / Toggle Quad View	Ctrl Alt Q
Execute File Window	Execute. Like entering a value, then press enter...	None	Return
Execute File Window	Execute. Like entering a value, then press enter...	None	Numpad Enter
Cancel File load	Cancel file load	None	Esc
Undo	Undo	Sometimes in Object menu, sometimes in Edit menu. Also in 3D View Tool shelf / History	Ctrl Z
Redo	Redo Sometimes in Object menu, sometimes in Edit menu. Also in 3D View Tool shelf / History	Sometimes in Object menu, sometimes in Edit menu. Also in 3D View Tool shelf / History	Shift Ctrl Z
Render Image / Animation	Render a single image	Info Editor / Render / Render Image	F12
Render Image / Animation	Render animation sequence	Info Editor / Render / Render Animation	Ctrl F12
Cancel Render View	Escapes the Render View	No Menu entry	Esc
Show / Hide Render View	Show / Hide Render View	Header / Render / Show / Hide Render View	F11
Play Rendered Animation	Play	Header / Render menu / View Animation	Ctrl F11
Flip Region	flips tool shelf or sidebar to the other side	None	F5
Redo Last	Calls the adjust last operation panel under the mouse	If available down left. Also in the toolbar.	F6

### Screen /Screen Editing

Name	Function	Surface menu location	Hotkey
Handle Area Action Zones	Split / Join window code. Needed for Move Area edges and Area Options	None	Left Mouse
Handle Area Action Zones	Make new floating window. First part. You need both parts.	None	Shift Left Mouse

<b>Screen /Screen Editing</b>			
Handle Area Action Zones	Drag into other editor window to swap position with it. First part. You need both parts.	None	Left Mouse
Handle Area Action Zones	Drag into other editor window to swap position with it. First part. You need both parts.	None	Shift Left Mouse
Handle Area Action Zones	Drag into other editor window to swap position with it. First part. You need both parts.	None	Ctrl Left Mouse
Split area	Split Area code	None	Action Zone Area
Join Area	Join Area code	None	Action Zone Area
Duplicate Area into new Window	Make new floating window. Second part. You need both parts.	None	Shift Action Zone Area
Swap Areas	Drag into other editor window to swap position with it. Second part. You need both parts.	None	Ctrl Action Zone Area
Scale Region Size	Scale Region Size	None	Action Zone Region
Toggle Fullscreen Area	Toggle Fullscreen Area	None	Action Zone Fullscreen
Move Area Edges	Split Windows	None	Left Mouse
Area Options	Join Windows	None	Right Mouse

<b>Screen / Region Context Menu</b>			
Name	Function	Surface menu location	Hotkey
Context Menu	Calls the Right Mouse menu	Every menu bar	Right Mouse

## View 2D

<b>View 2D</b>			
Name	Function	Surface menu location	Hotkey
Scroller Activate	Zooms in and out in Compositing and Texture Node editor	None	Left Mouse
Scroller Activate	Zooms in and out in Compositing and Texture Node editor	None	Middle Mouse
Pan View	Pans the view in Compositing and Texture Node editor	None	Middle Mouse
Pan View	Pans the view in Compositing and Texture Node editor	None	Shift Middle Mouse
Pan View	Pans the view in Compositing and Texture Node editor	None	Mouse/ Trackpad pan
Scroll right	Zooms in and out in Compositing and Texture Node editor	None	Ctrl Wheel down
Scroll left	Zooms in and out in Compositing and Texture Node editor	None	Ctrl Wheel up
Scroll down	Zooms in and out in Compositing and Texture Node editor	None	Shift Wheel down

View 2D			
Scroll up	Zooms in and out in Compositing and Texture Node editor	None	Shift Wheel up
NDOF Pan/Zoom	Ndof device for 3dConnexion	None	Ndof Motion
Zoom out	Zooms in and out in Compositing and Texture Node editor	UV Editor / View / View Zoom Out	Wheel out
Zoom in	Zooms in and out in Compositing and Texture Node editor	UV Editor / View / View Zoom In	Wheel in
Zoom out	Zooms in and out in Compositing and Texture Node editor	None	Numpad -
Zoom in	Zooms in and out in Compositing and Texture Node editor	None	Numpad +
Zoom 2D View	Zooms in and out in Compositing and Texture Node editor	None	Ctrl Mouse/ Trackpad pan
Smooth view 2D	???	None	Timer 1
Scroll down	Zooms in and out in Compositing and Texture Node editor	None	Wheel down
Scroll up	Zooms in and out in Compositing and Texture Node editor	None	Wheel up
Scroll right	Zooms in and out in Compositing and Texture Node editor	None	Wheel down
Scroll left	Zooms in and out in Compositing and Texture Node editor	None	Wheel up
Zoom 2D View	Zooms in and out in Compositing and Texture Node editor	None	Ctrl Middle Mouse
Zoom 2D View	Zooms in and out in Compositing and Texture Node editor	None	Mouse/Trackpad Zoom
Zoom Border	Calls the Zoom border navigation in Compositing and Texture Node editor	None	Shift B

## View 2D Buttons List

View 2D Buttons List			
Name	Function	Surface menu location	Hotkey
Scroller Activate	UV Editor Tool shelf navigation	None	Left Mouse
Scroller Activate	UV Editor Tool shelf navigation	None	Middle Mouse
Pan View	UV Editor Tool shelf navigation	None	Middle Mouse
Scroller Activate	UV Editor Tool shelf navigation	None	Mouse /Trackpad Pan
Scroll down	UV Editor Tool shelf navigation	None	Wheel down
Scroll up	UV Editor Tool shelf navigation	None	Wheel up
Scroll down	UV Editor Tool shelf navigation	None	Page down
Scroll up	UV Editor Tool shelf navigation	None	Page Up
Zoom 2D View	UV Editor Tool shelf navigation	None	Ctrl Middle Mouse
Zoom 2D View	UV Editor Tool shelf navigation	None	Mouse/ Trackpad Zoom
Zoom 2D View	UV Editor Tool shelf navigation	None	Ctrl Mouse/Trackpad Pan
Zoom out	UV Editor Tool shelf navigation	None	Numpad -
Zoom in	UV Editor Tool shelf navigation	None	Numpad +
Reset View	UV Editor Tool shelf navigation	None	Home

## User Interface

### User Interface

Name	Function	Surface menu location	Hotkey
Eyedropper	Pick color	None	E
Eyedropper Colorband	Pick color	None	E
Eyedropper Colorband (points)	Pick color	None	Alt+E
Eyedropper Datablock	Pick color	None	E
Eyedropper Depth	Pick color	None	E
Copy Data Path	Copy Data Path	None	Shift Ctrl C
Copy Data Path	Copy Data Path	None	Shift Ctrl Alt C
Insert Keyframe ( Buttons )	Insert Keyframes at buttons	None	I
Delete Keyframe ( Buttons )	Delete Keyframes at buttons	None	Alt I
Clear Keyframe ( Buttons )	Clears Keyframes at buttons	None	Shift Alt I
Add Driver	Add Driver	None	Ctrl D
Remove Driver	Remove Driver	None	Ctrl Alt D
Add to Keying Set	Add to Keying Set	None	K
Remove from Keying Set	Remove from Keying Set	None	Alt K

## 3D View

### 3D View / 3D View (Global)

Name	Function	Surface menu location	Hotkey
Reset 3D View	Resets the 3D View		Numpad *
Set 3D Cursor	Sets the 3D cursor position to Mouse position.	None	Alt Right Mouse
Move	Transform	None	Tweak Right Any
Local View	Switches to local view and back, just showing the selection then	3D View / View menu	Numpad /
Remove from Local View	Removes the selected object from the local view	3D View / View menu	Ctrl Numpad /
Rotate View	Rotate view	None	Right Mouse
Pan View	Move view	3D view / tool shelf /tools tab / transform panel / Translate Button	Shift Middle Mouse
Zoom View	Zoom view. See also the other zoom methods.	3D view / tool shelf /tools tab / transform panel / Scale Button	Ctrl Middle Mouse
Dolly View	Dolly View moves the World camera forward or backward. <b>Be careful with that one! You can trap yourself that regular zoom seems to have no more effect.</b>	3D Viewport / View / Navigation / Dolly Zoom	Shift Ctrl Middle Mouse
View Selected	Brings the selected object into focus. <b>With all regions.</b>	3D Viewport / View / View Selected all Regions	Ctrl Numpad 0
View Selected	Brings the selected object into focus	3D Viewport / View / View Selected	Numpad 0



3D View / 3D View (Global)			
Smooth View	???	None	Timer 1
Rotate View	Rotates the view with trackpad	None	Mouse/Trackpad pan
Rotate View	Rotates the view with trackpad	None	Mouse/Trackpad Rotate
Move View	Moves the view with trackpad	None	Shift Mouse/Trackpad pan
Zoom View	Zooms the view with trackpad	None	Mouse/Trackpad Zoom
Zoom View	Zooms the view with trackpad	None	Ctrl Mouse/Trackpad pan
Zoom View	Zooms in	3D Viewport / View / View Selected	Numpad +
Zoom View	Zooms out	3D Viewport / View / View Selected	Numpad -
Zoom View	Zooms in	None	Ctrl = ( german keyboard Ctrl *)
Zoom View	Zooms out	None	Ctrl -
Zoom View	Zooms in	None	Wheel in
Zoom View	Zooms out	None	Wheel out
Dolly View	Moves in. Dolly View moves the World camera forward or backward. <b>Be careful with that one! You can trap yourself that regular zoom seems to have no more effect.</b>	None	Shift Numpad +
Dolly View	Moves out. Dolly View moves the World camera forward or backward. <b>Be careful with that one! You can trap yourself that regular zoom seems to have no more effect.</b>	None	Shift Numpad -
Dolly View	Moves in. Dolly View moves the World camera forward or backward. <b>Be careful with that one! You can trap yourself that regular zoom seems to have no more effect.</b>	None	Shift Ctrl = ( german keyboard Shift Ctrl *)
Dolly View	Moves out. Dolly View moves the World camera forward or backward. <b>Be careful with that one! You can trap yourself that regular zoom seems to have no more effect.</b>	None	Shift Ctrl -
Frame Camera bounds	Fits the camera passepartout into the viewport	3D Viewport / View / View Camera Center	Home (Pos1 at german keyboard)
View Lock Center	Center the view lock offset	3D Viewport / View / Align View	Home (Pos1 at german keyboard)
Frame All	View all objects in the scene	3D Viewport / View / View all	Home (Pos1 at german keyboard)
Frame All	View all objects in the scene in all regions.	None	Ctrl Home
Frame All	View and center all objects in the scene	None	Shift C
View	Calls the pivot point pie menu	None	` (german keyboard . )
View Navigation	Enters the Walk/Fly mode	Navi / View navigation (Walk/Fly)	Shift ` (german keyboard Shift . )
View Camera	Enters or leaves the camera view.	3D Viewport / View / Active Camera	Numpad ,
View Numpad	Switches to Front Ortho sight	3D Viewport / View / Front	Numpad 1
View Orbit	Orbit down	3D Viewport / View / Navigation / Orbit down	Numpad 2

<b>3D View / 3D View (Global)</b>			
View Numpad	Switches to Left Ortho sight	3D Viewport / View / Front	Numpad 3
View Orbit	Orbit Left	3D Viewport / View / Navigation / Orbit Left	Numpad 4
View Persp/ Ortho	Changes between orthographic and perspective presentation of the 3D viewport.	3D Viewport / View / View Persp/ Ortho	Numpad 5
View Orbit	Orbit Right	3D Viewport / View / Navigation / Orbit Right	Numpad 6
View Numpad	Switches to Top Ortho sight	3D Viewport / View / Top	Numpad 7
View Orbit	Orbit Up	3D Viewport / View / Navigation / Orbit Up	Numpad 8
View Numpad	Switches to Back Ortho sight	3D Viewport / View / Back	Ctrl Numpad 1
View Numpad	Switches to Left Ortho sight	3D Viewport / View / Left	Ctrl Numpad 3
View Numpad	Switches to Bottom Ortho sight	3D Viewport / View / Bottom	Ctrl Numpad 7
View Pan	Moves the view down	3D Viewport / View / Pan down	Ctrl Numpad 2
View Pan	Moves the view left	3D Viewport / View / Pan Left	Ctrl Numpad 4
View Pan	Moves the view right	3D Viewport / View / Pan Right	Ctrl Numpad 6
View Pan	Moves the view up	3D Viewport / View / Pan Up	Ctrl Numpad 8
View Orbit	Mirrors the axis orientation	3D Viewport / View / Navigation / Orbit opposite	Numpad 9
View Axis	Switches to Front Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Front	Shift Numpad 1
View Axis	Switches to Right Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Right	Shift Numpad 3
View Axis	Switches to Top Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Top	Shift Numpad 7
View Axis	Switches to Back Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Back	Shift Ctrl Numpad 1
View Axis	Switches to Left Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Left	Shift Ctrl Numpad 3
View Axis	Switches to Bottom Ortho, but with the selected Object in center.	3D Viewport / View / Align View / Bottom	Shift Ctrl Numpad 7
View Axis			Tweak Middle North
View Axis			Tweak Middle South
View Axis			Tweak Middle East
View Axis			Tweak Middle West
Center View to Mouse	Centers the view to the mouse	Navi menu	Alt Middle Mouse
<a href="#">N dof Orbit View with Zoom</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof Motion</a>
<a href="#">N dof Orbit View</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">Ctrl N dof Motion</a>
<a href="#">N dof Pan View</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">Shift N dof Motion</a>
<a href="#">N dof Move View</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">Shift Ctrl N dof Motion</a>
<a href="#">View Selected</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof fit</a>
<a href="#">N dof Orbit View with Zoom N dof Orbit View with Zoom</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof roll ccw</a>
<a href="#">View Roll</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof roll cw</a>
<a href="#">View Roll</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof Front</a>
<a href="#">View Axis</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof Back</a>
<a href="#">View Axis</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof Left</a>
<a href="#">View Axis</a>	<a href="#">N dof device for 3dConnexion</a>	None	<a href="#">N dof Right</a>

<b>3D View / 3D View (Global)</b>			
View Axis	N dof device for 3dConnexion	None	N dof Top
View Axis	N dof device for 3dConnexion	None	N dof Bottom
View Axis	N dof device for 3dConnexion	None	Shift N dof Front
View Axis	N dof device for 3dConnexion	None	Shift N dof Right
View Axis	N dof device for 3dConnexion	None	Shift N dof Top
Select	Activate/Select	None	Left Mouse
Select	Activate/Select	None	Shift Left Mouse
Select	Activate/Select	None	Ctrl Left Mouse
Select	Activate/Select	None	Alt Left Mouse
Select	Activate/Select	None	Shift Ctrl Left Mouse
Select	Activate/Select	None	Ctrl Alt Left Mouse
Select	Activate/Select	None	Shift Alt Left Mouse
Select	Activate/Select	None	Shift Ctrl Alt Left Mouse
Lasso Select	Lasso Select, select	3D Viewport / Select / Lasso Select	Tweak Right Any
Lasso Select	Lasso Select, deselect	None	Tweak Right Any
Zoom Border	Zoom in our out by drawing a border	3D Viewport / Navi	Shift B
Copy Objects	Copy	3D Viewport / Object / Copy	Ctrl C
Paste Objects	Paste	3D Viewport / Object / Paste	Ctrl V
Snap	Calls the Snap Pie Menu	None	Shift E
Move	Move	None	Tweak Left Any
Interactive Light Track to Cursor	Navigate a lamp of type sun or spot light to point at objects	None	Shift T
Pivot Point	Call pivot pie menu	None	.
Orientation	Call orientation pie menu	None	,
Set Tool by Name	Cycles through the select methods	The select tools are in the toolbar	Shift Q
Pan View	Pans the view	None	Middle Mouse
Rotate View	Rotates the view	None	Alt Middle Mouse
Context Toggle	Toggles the gizmos in the 3d view	Header	Tab

## 3D View - Object Mode

<b>3D View - Object Mode - Object Mode (Global)</b>			
Name	Function	Surface menu location	Hotkey
Groundplane	Creates a groundplane	Isocam Add-on - Add menu	Shift Ctrl Alt 4
Gameisocam4to3	Creates a camera	Isocam Add-on - Add menu	Shift Ctrl Alt 3
Gameisocam	Creates a camera	Isocam Add-on - Add menu	Shift Ctrl Alt 2
Trueisocam	Creates a camera	Isocam Add-on - Add menu	Shift Ctrl Alt 1
(De)select All	Select all / Deselect all	3D Viewport / Select /	A
Select None	Deselects all	3D Viewport / Select /	Alt A
Select Inverse	Inverse selection	3D Viewport / Select /	Ctrl I
(De)select All	Deselects all	None	dbl - A
Make Parent	Make Parent	3D Viewport / Object / Parent	Ctrl P

<b>3D View - Object Mode - Object Mode (Global)</b>			
Clear Parent	Clears the Parent relationship	3D Viewport / Object / Parent	Alt P
Delete	Delete	3D Viewport / Object / Delete	Delete
Duplicate Objects	Duplicate Objects	3D Viewport / Object / Duplicate Objects	Shift D
Duplicate Linked	Duplicate linked Objects	3D Viewport / Object / Duplicate Linked	Alt D
Join	Join Object	3D Viewport / Object / Join	Ctrl J
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 0
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 1
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 2
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 3
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 4
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Object / Subdivide / Subdivision Set	Ctrl 5
Show hidden Objects	Show hidden objects	3D View / Object / Show Hide	Alt H
Hide Objects	Hide selected Objects	3D View / Object / Show Hide	H
Insert Keyframe Menu	Calls the Keyframe menu	3D View / Object / Animation	I
Delete Keyframe	Delete Keyframe	3D View / Object / Animation	Alt I
Hide Unselected	Hide unselected objects	3D View / Object / Show Hide	Shift H
Object Context Menu	Calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool shelf	B
Set Tool by Name	builtin.select_circle	Tool shelf	G
Set Tool by Name	builtin.move	Tool shelf	W
Set Tool by Name	builtin.rotate	Tool shelf	E
Set Tool by Name	builtin.scale	Tool shelf	R
Set Tool by Name	builtin.select	Tool shelf	D

<b>3D View - Object Mode - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Select all / Deselect all	Tool shelf	Left Mouse
Select	Toggle selection	Tool shelf	Shift Left Mouse

<b>3D View - Object Mode - 3D View Tool : Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Object Mode - 3D View Tool : Select Circle**

Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

**3D View - Object Mode - 3D View Tool : Select Lasso**

Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Object Mode - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor	3D Cursor	Tool shelf	Left Mouse
Move	3D Cursor	Tool shelf	Tweak Left Any

**3D View - Object Mode - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move		Tool shelf	Tweak Left Any

**3D View - Object Mode - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate		Tool shelf	Tweak Left Any

**3D View - Object Mode - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Resize	3D Cursor	Tool shelf	Tweak Left Any

**3D View - Object Mode - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	The measure tool	Tool shelf	Tweak Left Any
Ruler Remove	The measure tool	Tool shelf	Delete

**3D View - Object Mode - 3D View Tool : Add Primitive**

Name	Function	Surface menu location	Hotkey
Add Primitive Object	Adds a primitive	Tool shelf	Tweak Left Any

**3D View - Mesh****3D View - Mesh - Mesh (Global)**

Name	Function	Surface menu location	Hotkey
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<b>3D View - Mesh - Mesh (Global)</b>			
Select Mode	Vertice Select	3D View / Header	X
Select Mode	Edge Select	3D View / Header	C
Select Mode	Face Select	3D View / Header	V
Loop Select	Selects an edge loop	None	Alt Left Mouse
Loop Select	Selects an edge loop, adds to selection.	None	Shift Alt Left Mouse
Edge Ring Select	Selects a ring loop	None	Ctrl Alt Left Mouse
Edge Ring Select	Selects a ring loop, adds to selection.	None	Shift Ctrl Alt Left Mouse
Pick shortest path	Select shortest path between start and end edge	None	Ctrl Left Mouse
Pick shortest path	Select shortest path between start and end edge	None	Shift Ctrl Left Mouse
(De)select all	Selects / deselects all	3D View / Select / select all	A
Select None	Selects / deselects all	3D View / Select / Deselect all	Alt A
Select Inverse	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Clears the selection	3D View / Select / Inverse	dbl - A
Select More	Select more	3D View / Select / Select More	Ctrl Numpad +
Select Less	Select less	3D View / Select / Select Less	Ctrl Numpad -
Select Linked	Select Linked	3D View / Select / Linked Pick Select	L
Select Linked	Deselect Linked	3D View / Select / Linked Pick Deselect	Shift L
Hide selection	Hide selected Object	3D Viewport / Mesh / Show Hide / Hide selected	H
Reveal Hidden	Show hidden Objects	3D Viewport / Mesh / Show Hide / Show Hidden	Alt H
Add Duplicate	Adds a duplicate	3D Viewport / Mesh / Add Duplicate	Shift D
Separate	Separate	3D Viewport / Mesh / Separate	P
Duplicate or Extrude to Cursor	Adds a duplicate of selection at mouse position, slightly rotates source object and target object	3D Viewport / Tool Shelf / Tools / Mesh Tools/ DupliEx	Ctrl Right Mouse
Duplicate or Extrude to Cursor	Adds a duplicate of selection at mouse position, slightly rotates target object only	3D Viewport / Tool Shelf / Tools / Mesh Tools/ DupliExRot	Shift Ctrl Right Mouse
Delete	Calls the Delete menu with special delete methods	3D Viewport / Mesh / Delete	Ctrl Delete
Dissolve Selection	Dissolves the selection. No pattern to see what method is used though.	None	Shift Ctrl Delete
UV Mapping	Calls the UV mapping sub menu	3D Viewport / Header	U
Mark Seam	Mark Seam for Unwrapping	3D Viewport / Header / UV menu	M
	3D Viewport / Header / UV menu		
Clear Seam	Clear Seam for Unwrapping	3D Viewport / Header / UV menu	N
Smart Delete	Deletes mode dependent what is selected in Edit mode.	3D Viewport / Mesh / Delete	Delete
Hide Unselected	Hide unselected Object(s)	3D Viewport / Mesh / Show Hide / Hide unselected	Shift H
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 0

<b>3D View - Mesh - Mesh (Global)</b>			
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 1
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 2
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 3
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 4
Subdivision Set	Adds a SDS modifier to selected object and sets SDS Level to value	3D Viewport / Mesh / Subdivide / Subdivision Set	Ctrl 5
Call Menu	Calls the right click menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.extrude_region	Tool Shelf	S
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Set Tool by Name	builtin.select	Tool Shelf	D
Set Tool by Name	builtin.knife	Tool Shelf	K

<b>3D View - Mesh - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Tweak	Tool shelf	Left Mouse
Select	Tweak	Tool shelf	Left Mouse

<b>3D View - Mesh - 3D View Tool : Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

<b>3D View - Mesh - 3D View Tool : Select Circle</b>			
Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

<b>3D View - Mesh - 3D View Tool : Select Lasso</b>			
Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Mesh - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move	Move	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate	Rotate	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Scale	Scale	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo	Transform from Gizmo	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	Ruler Add	Tool shelf	Tweak Left Any
Ruler Remove	Ruler Remove	Tool shelf	Delete

**3D View - Mesh - 3D View Tool : Edit Mesh, Add Primitive**

Name	Function	Surface menu location	Hotkey
Add Cube	Add primitive	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Extrude Region**

Name	Function	Surface menu location	Hotkey
Extrude Region and Move	Extrude Region and Move	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Extrude Along Normals**

Name	Function	Surface menu location	Hotkey
Extrude Region and Shrink/Fatten	Extrude Region and Shrink/Fatten	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Extrude Individual**

Name	Function	Surface menu location	Hotkey
Extrude Individual Faces and Move	Extrude Individual Faces and Move	Tool shelf	Tweak Left Any



**3D View - Mesh - 3D View Tool : Edit Mesh, Extrude to Cursor**

Name	Function	Surface menu location	Hotkey
Duplicate or Extrude to Cursor	Duplicate or Extrude to Cursor	Tool shelf	Left Mouse

**3D View - Mesh - 3D View Tool : Edit Mesh, Inset Faces**

Name	Function	Surface menu location	Hotkey
Inset Faces	Inset Faces	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Bevel**

Name	Function	Surface menu location	Hotkey
Bevel	Bevel	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Loop Cut**

Name	Function	Surface menu location	Hotkey
Loop Cut and Slide	Loop Cut and Slide	Tool shelf Tool shelf	Left Mouse

**3D View - Mesh - 3D View Tool : Edit Mesh, Offset Edge Loop Cut**

Name	Function	Surface menu location	Hotkey
Offset Edge Slide	Offset Edge Slide	Tool shelf	Left Mouse

**3D View - Mesh - 3D View Tool : Edit Mesh, Knife**

Name	Function	Surface menu location	Hotkey
Knife Topology Tool	Knife Topology Tool	Tool shelf	Left Mouse

**3D View - Mesh - 3D View Tool : Edit Mesh, Bisect**

Name	Function	Surface menu location	Hotkey
Bisect	Bisect	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Poly Build**

Name	Function	Surface menu location	Hotkey
Face at Cursor Move	Face at Cursor Move	Tool shelf	Left Mouse
Split at Cursor Move	Split at Cursor Move	Tool shelf	Ctrl Left Mouse
Poly Build Dissolve at Cursor	Poly Build Dissolve at Cursor	Tool shelf	Alt Left Mouse

**3D View - Mesh - 3D View Tool : Edit Mesh, Spin**

Name	Function	Surface menu location	Hotkey
Spin	Spin	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Spin Duplicate**

Name	Function	Surface menu location	Hotkey
Spin Duplicate	Spin Duplicate	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Smooth**

Name	Function	Surface menu location	Hotkey
Smooth	Smooth	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Randomize**

Name	Function	Surface menu location	Hotkey
Randomize	Randomize	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Edge Slide**

Name	Function	Surface menu location	Hotkey
Edge Slide	Edge Slide	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Vertex Slide**

Name	Function	Surface menu location	Hotkey
Vertex Slide	Vertex Slide	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Shrink/Fatten**

Name	Function	Surface menu location	Hotkey
Shrink/Fatten	Shrink/Fatten	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Push Pull**

Name	Function	Surface menu location	Hotkey
Push Pull	Push Pull	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Shear**

Name	Function	Surface menu location	Hotkey
Shear	Shear	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, To Sphere**

Name	Function	Surface menu location	Hotkey
To Sphere	To Sphere	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Rip Region**

Name	Function	Surface menu location	Hotkey
Rip Region	Rip Region	Tool shelf	Tweak Left Any

**3D View - Mesh - 3D View Tool : Edit Mesh, Rip Edge**

Name	Function	Surface menu location	Hotkey
Extend Vertices	Extend Vertices	Tool shelf	Tweak Left Any

**3D View - Curve**

<b>3D View - Curve (Global)</b>			
Name	Function	Surface menu location	Hotkey
Add Vertex	Adds a duplicate of the selected curve points under the mouse.	None	Ctrl Right Mouse
(De)select all	Selects all	3D Viewport / Select / (De)select all	A
Select None	Deselects all	3D Viewport / Select / (De)select all	Alt A
Select Inverse	Inverts the selection	3D Viewport / Select / Inverse	Ctrl I
(De)select all	deselects all	3D Viewport / Select / (De)select all	dbl A
Select More	Select more	3D Viewport / Select / Select More	Ctrl Numpad +
Select Less	Select less	3D Viewport / Select / Select Less	Ctrl Numpad -
Select Linked	Select Linked	3D View / Select / Linked Pick Select	L
Select Linked	Deselect Linked	3D View / Select / Linked Pick Deselect	Shift L
Picks shortest path	Picks shortest path	None	Ctrl Left Mouse
Extrude	Extrudes a new path segment	3D Viewport / Tool Shelf / Tools / Curve Tools / Extrude	S
Add Duplicate	Add Duplicate	3D Viewport / Curve / Add Duplicate	Shift D
Make Segment	Make curve segment	3D Viewport / Control Points / Make Segments	F
Delete	Calls the Delete menu	3D Viewport / Curve / Delete	Delete
Dissolve Vertices	Delete	3D Viewport / Curve / Delete	Ctrl Delete
Transform	Shrink Fatten	3D Viewport / Curve / Transform / Shrink Fatten	Alt S
Reveal Hidden	Show hidden Objects	3D Viewport / Curve / Show Hide / Show Hidden	Alt H
Hide selection	Hide selected Object	3D Viewport / Curve / Show Hide / Hide selected	H
Hide selection	Hide unselected Object(s)	3D Viewport / Curve / Show Hide / Hide unselected	Shift H
Curve Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Set Tool by Name	builtin.select	Tool Shelf	D

<b>3D View - Curve - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Toggle Selection	Tool shelf	Shift Left Mouse

**3D View - Curve - 3D View Tool : Select Box**

Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Curve - 3D View Tool : Select Circle**

Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

**3D View - Curve - 3D View Tool : Select Lasso**

Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Curve - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move 3d cursor	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move	Move	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate	Rotate	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Scale	Scale	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo	Transform from Gizmo	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	Ruler Add	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Edit Curve, Draw**

Name	Function	Surface menu location	Hotkey
Draw Curve	Draw Curve	Tool shelf	Left Mouse

**3D View - Curve - 3D View Tool : Edit Curve, Extrude**

Name	Function	Surface menu location	Hotkey
Extrude Curve and Move	Extrude Curve and Move	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Edit Curve, Extrude Cursor**

Name	Function	Surface menu location	Hotkey
Add Vertex	Add Vertex	Tool shelf	Left Mouse

**3D View - Curve - 3D View Tool : Edit Curve, Radius**

Name	Function	Surface menu location	Hotkey
Radius	Radius	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Edit Curve, Tilt**

Name	Function	Surface menu location	Hotkey
Tilt	Tilt	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Edit Mesh, Shear**

Name	Function	Surface menu location	Hotkey
Shear	Shear	Tool shelf	Tweak Left Any

**3D View - Curve - 3D View Tool : Edit Curve, Randomize**

Name	Function	Surface menu location	Hotkey
Randomize	Randomize	Tool shelf	Tweak Left Any

**3D View - Armature****3D View - Armature (Global)**

Name	Function	Surface menu location	Hotkey
Hide Selected	Hide selected bone/s	Show/Hide	H
Reveal Hidden	Show hidden bones	Show/Hide	Alt H
(De)Select All	Select all	3D Viewport / Select	A
Select None	Select nothing	3D Viewport / Select	Alt A
Select Inverse	Invert selection	3D Viewport / Select	Ctrl I
(De)Select All	Select nothing	None	dbl A

<b>3D View - Armature (Global)</b>			
Select More	Select more	3D View / Select / More	Ctrl Numpad +
Select Less	Select less	3D View / Select / Less	Ctrl Numpad -
Select Linked All	Select connected bones	3D View / Select / Connected	L
Pick shortest Path	Picks shortest path between start and end point and selects everything in between	None	Ctrl Left Mouse
Duplicate	Duplicate	3D Viewport / Armature	Shift D
Extrude	Extrude	3D Viewport / Armature	S
Extrude forked	Extrudes with option Forked enabled. Bones extrudes from the center of the selected joints.	None	Shift S
Click-Extrude	Extrudes the bone to mouse position.	None	Ctrl Right Mouse
Separate Bones	Separates the selected bone(s) into a new armature.	3D Viewport / Armature	P
Hide unselected	Hide unselected bone/s	Show/Hide	Shift H
Delete selected Bone(s)	Delete	3D Viewport / Armature	Delete
Dissolve selected bone(s)	Unions selected bones into one bone	3D Viewport / Armature	Ctrl Delete
Armature Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Set Tool by Name	builtin.select	Tool Shelf	D

<b>3D View - Armature - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Toggle Selection	Tool shelf	Shift Left Mouse

<b>3D View - Armature - 3D View Tool : Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any
Box Select	Select	Tool shelf	Tweak Left Any

<b>3D View - Armature - 3D View Tool : Select Circle</b>			
Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

**3D View - Armature - 3D View Tool : Select Lasso**

Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Armature - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move	Move	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate	Rotate	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Scale	Scale	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo	Transform from Gizmo	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	Ruler Add	Tool shelf	Tweak Left Any
Ruler Remove	Ruler Remove		Delete

**3D View - Armature - 3D View Tool : Edit Armature - Roll**

Name	Function	Surface menu location	Hotkey
Transform	Transform	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Edit Armature - Bone Size**

Name	Function	Surface menu location	Hotkey
Transform	Transform	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Edit Armature - Bone Envelope**

Name	Function	Surface menu location	Hotkey
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**3D View - Armature - 3D View Tool : Edit Armature - Bone Envelope**

Transform		Tool shelf	Tweak Left Any
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**3D View - Armature - 3D View Tool : Edit Armature - Extrude**

Name	Function	Surface menu location	Hotkey
Extrude	Extrude	Tool shelf	Tweak Left Any

**3D View - Armature - 3D View Tool : Edit Armature - Extrude to Cursor**

Name	Function	Surface menu location	Hotkey
Click-Extrude	Click-Extrude	Tool shelf	Left Mouse

**3D View - Armature - 3D View Tool : Edit Armature, Shear**

Name	Function	Surface menu location	Hotkey
Shear	Shear	Tool shelf	Tweak Left Any

**3D View - Metaball****3D View - Metaball(Global)**

Name	Function	Surface menu location	Hotkey
Reveal	Show hidden	Show/Hide /	Alt H
Hide	Hide selected	Show/Hide /	H
Delete	Delete	Delete	Delete
Duplicate		3D View / Metaball /	Shift D
(De)select all	Selects all.	3D View / Select / (De)select all	A
Select None	Deselects all	3D View / Select / (De)select all	Alt A
Select Inverse	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	None	dbl A
Hide Unselected	Hide unselected	Show/Hide /	Shift H
Metaball Context Menu	calls the right mouse menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Set Tool by Name	builtin.select	Tool Shelf	D

**3D View - Metaball - 3D View Tool : Tweak**

Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Invert selection	Tool shelf	Shift Left Mouse

**3D View - Metaball - 3D View Tool : Select Box**

Name	Function	Surface menu location	Hotkey
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<b>3D View - Metaball - 3D View Tool : Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Select Circle</b>			
Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

<b>3D View - Metaball - 3D View Tool : Select Lasso</b>			
Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Cursor</b>			
Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move 3D Cursor	Tool shelf	Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Move</b>			
Name	Function	Surface menu location	Hotkey
Move	Move	Tool shelf	Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Rotate</b>			
Name	Function	Surface menu location	Hotkey
Rotate	Rotate	Tool shelf	Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Scale</b>			
Name	Function	Surface menu location	Hotkey
Scale	Scale	Tool shelf	Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Transform</b>			
Name	Function	Surface menu location	Hotkey
Transform from Gizmo	Transform from Gizmo	Tool shelf	Tweak Left Any

<b>3D View - Metaball - 3D View Tool : Measure</b>			
Name	Function	Surface menu location	Hotkey
Ruler Add	Add Ruler	Tool shelf	Tweak Left Any

**3D View - Metaball - 3D View Tool : Measure**

Ruler Remove	Remove Ruler	Tool shelf	Delete
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**3D View - Armature - 3D View Tool : Shear**

Name	Function	Surface menu location	Hotkey
Shear	Shear	Tool shelf	Tweak Left Any

**3D View - Lattice****3D View - Lattice - Lattice(Global)**

Name	Function	Surface menu location	Hotkey
(De)select all	Selects all.	3D View / Select / (De)select all	A
Select None	Deselects all	3D View / Select / (De)select all	Alt A
Select Inverse	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	None	dbl A
3D View / Lattice / Select More	Select more	3D View / Select / Select more	Ctrl Numpad +
3D View / Lattice / Select Less	Select less	3D View / Select / Select less	Ctrl Numpad -
Call Menu	Calls the context menu	None	dbl Right Mouse

**3D View - Lattice - 3D View Tool : Tweak**

Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Invert selection	Tool shelf	Shift Left Mouse

**3D View - Lattice - 3D View Tool : Select Box**

Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Lattice - 3D View Tool : Select Circle**

Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

**3D View - Lattice - 3D View Tool : Select Lasso**

Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any

**3D View - Lattice - 3D View Tool : Select Lasso**

Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any
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**3D View - Lattice - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move 3D Cursor	Tool shelf	Tweak Left Any

**3D View - Lattice - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move	Move	Tool shelf	Tweak Left Any

**3D View - Lattice - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate	Rotate	Tool shelf	Tweak Left Any

**3D View - Lattice - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Scale	Scale	Tool shelf	Tweak Left Any

**3D View - Lattice - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo	Transform from Gizmo	Tool shelf	Tweak Left Any

**3D View - Lattice - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add		Tool shelf	Tweak Left Any
Ruler Remove	Remove Ruler	Tool shelf	Delete

**3D View - Lattice - 3D View Tool : Shear**

Name	Function	Surface menu location	Hotkey
Shear	Shear	Tool shelf	Tweak Left Any

**3D View - Font****3D View - Font - Font (Global)**

Name	Function	Surface menu location	Hotkey
Delete	Deletes selected text	3D View / Text / Delete	Delete
Delete	Deletes next word	None	Ctrl Delete
Delete	Deletes last letter	None	Backspace
Delete	Previous or selection	None	Shift Backspace
Delete	Deletes whole text	None	Ctrl Backspace

<b>3D View - Font - Font (Global)</b>			
Move Cursor	Text navigation	None	Home
Move Cursor	Text navigation	None	End
Move Cursor	Text navigation	None	Left Arrow
Move Cursor	Text navigation	None	Right Arrow
Move Cursor	Text navigation	None	Ctrl Left Arrow
Move Cursor	Text navigation	None	Ctrl Right Arrow
Move Cursor	Text navigation	None	Up Arrow
Move Cursor	Text navigation	None	Down Arrow
Move Cursor	Text navigation	None	Page Up
Move Cursor	Text navigation	None	Page Down
Move Select	Text navigation	None	Shift Home
Move Select	Text navigation	None	Shift End
Move Select	Text navigation	None	Shift Left Arrow
Move Select	Text navigation	None	Shift Right Arrow
Move Select	Text navigation	None	Shift Ctrl Left Arrow
Move Select	Text navigation	None	Shift Ctrl Right Arrow
Move Select	Text navigation	None	Shift Up Arrow
Move Select	Text navigation	None	Shift Down Arrow
Move Select	Text navigation	None	Shift Page Up
Move Select	Text navigation	None	Shift Page Down
Change Spacing	Text navigation	None	Alt Left Arrow
Change Spacing	Text navigation	None	Alt Right Arrow
Change Character	Text navigation	None	Alt Up Arrow
Change Character	Text navigation	None	Alt Down Arrow
Select All	Select All	3D View / Edit / Select All	Ctrl A
Copy Text	Copy Text	3D View / Edit / Copy Text	Ctrl C
Copy Text	Cut Text	3D View / Edit / Copy Text	Ctrl X
Paste Text	Paste Text	3D View / Edit / Paste Text	Ctrl V
Line Break	Line Break	None	Return
Insert Text	Insert Text	None	
Insert Text	Insert Text	None	Alt Backspace
Text Context Menu	calls a menu under the mouse	None	dbl - Right Mouse

<b>3D View - Font - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Invert selection	Tool shelf	Shift Left Mouse

<b>3D View - Font - 3D View Tool : Cursor</b>			
Name	Function	Surface menu location	Hotkey
Set 3D Cursor	Set 3D Cursor	Tool shelf	Left Mouse
Move	Move 3D Cursor	Tool shelf	Tweak Left Any

**3D View - Font - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	Add ruler	Tool shelf	Tweak Left Any
Ruler Remove	Remove Ruler	Tool shelf	Delete

**3D View - Pose****3D View - Pose - Pose (Global)**

Name	Function	Surface menu location	Hotkey
Parent	Calls the Make Parent panel	3d view \ Pose Menu	Ctrl P
Hide selected	Hide selected	3d view \ Pose Menu	H
Reveal Selected	Show hidden	3d view \ Pose Menu	Alt H
Clear Pose Rotation	Clear Pose Rotation	Pose menu /clear transform	Alt E
Clear Pose Location	Clear Pose Location	Pose menu /clear transform	Alt W
Clear Pose Scale	Clear Pose Scale	Pose menu /clear transform	Alt R
Set Rotation Mode	Set Rotation Mode	None	Ctrl R
Copy pose	Copy pose3d view \ Pose Menu	3d view \ Pose Menu	Ctrl C
Paste pose	Paste Pose	3d view \ Pose Menu	Ctrl V
Paste Pose	Paste Pose flipped	3d view \ Pose Menu	Shift Ctrl V
(De)select all	Selects all.	3D View / Select / (De)select all	A
Select None	Deselects all	3D View / Select / (De)select all	Alt A
Select Inverse	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	3D View / Select / None	dbl A
Transform	BBone scale - just for bbone type	3d view \ Pose Menu \ Transform	Ctrl Alt S
Insert Keyframe Menu	Calls the Insert Keyframe menu	3d view \ Pose Menu	I
Delete Keyframe	Delete Keyframe	3d view \ Pose Menu	Alt I
Hide selected	Hide unselected	3d view \ Pose Menu	Shift H
Pose Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Set Tool by Name	builtin.select	Tool Shelf	D

**3D View - Pose - 3D View Tool : Tweak**

Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Invert selection	Tool shelf	Shift Left Mouse

**3D View - Pose - 3D View Tool : Select Box**

Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Select Box**

Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Pose - 3D View Tool : Select Circle**

Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

**3D View - Pose - 3D View Tool : Select Lasso**

Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

**3D View - Pose - 3D View Tool : Cursor**

Name	Function	Surface menu location	Hotkey
Set 3D Cursor		Tool shelf	Left Mouse
Move		Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move		Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate		Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Scale		Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo		Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Measure**

Name	Function	Surface menu location	Hotkey
Ruler Add	Add Ruler	Tool shelf	Tweak Left Any
Ruler Remove	Remove Ruler	Tool shelf	Delete

**3D View - Pose - 3D View Tool : Pose, Breakdowner**

Name	Function	Surface menu location	Hotkey
Pose Breakdowner	Pose Breakdowner	Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Pose, Push**

Name	Function	Surface menu location	Hotkey
Push Pose	Push Pose	Tool shelf	Tweak Left Any

**3D View - Pose - 3D View Tool : Pose, Relax**

Name	Function	Surface menu location	Hotkey
Relax Pose	Relax Pose	Tool shelf	Tweak Left Any

**3D View - Vertex Paint****3D View - Vertex Paint Global**

Name	Function	Surface menu location	Hotkey
Vertex Paint	Vertex Paint	None	Left Mouse
Radial Control	Sets the brush radius	3D View / Tool Shelf / Tools / Brush / Radius Slider	F
Radial Control	Sets the brush radius with a value in the middle	3D View / Tool Shelf / Tools / Brush / Radius Slider	Shift F
Radial Control	Sets the brush direction. Useful for painting with maps. Like for scales.	3D View / Tool Shelf / Tools / Brush / Radius Slider	Ctrl F
Stencil Brush Control	Brush Mode Stencil navigation	None	Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil navigation	None	Shift Right Mouse
Stencil Brush Control	Brush Mode Stencil. Changes the angle value in the Texture tab	3D View / Tool Shelf / Tools / Texture	Ctrl Right Mouse
Stencil Brush Control	Brush Mode Stencil navigation	None	Shift Ctrl Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil navigation	None	Shift Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil navigation	None	Ctrl Alt Right Mouse
Sample Color	Samples a color under the mouse cursor	Brush menu	S
Vertex Paint Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.select	Tool Shelf	D

**3D View - Weight Paint****3D View - Weight Paint - Weight Paint (Global)**

Name	Function	Surface menu location	Hotkey
Weight Paint		None	Left Mouse

<b>3D View - Weight Paint - Weight Paint (Global)</b>			
Weight Paint	Weight paint	None	Left Mouse
Weight Paint Sample Weight	Click at a bone to select it for weight painting.	None	CTRL Right Mouse
Weight Paint Sample Group	Calls Weight Paint Sample Group panel, which shows the available group for the current position	None	Shift Right Mouse
Weight Gradient	Draws a gradient at the weightmap	None	Alt Left Mouse
Weight Gradient	Draws a gradient at the weightmap	None	Ctrl Alt Left Mouse
Radial Control	Sets the brush radius	3D View / Tool Shelf / Tools / Brush / Radius Slider	F
Radial Control	Sets the brush strength	3D View / Tool Shelf / Tools / Brush / Radius Slider	Shift F
Radial Control	Sets the brush direction. Useful for painting with maps. Like for scales.	3D View / Tool Shelf / Tools / Brush / Radius Slider	Ctrl F
Select	Select	None	Ctrl Left Mouse
Weights Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G

<b>3D View - Weight Paint - 3D View Tool : Paint Weight, Gradient</b>			
Name	Function	Surface menu location	Hotkey
Weight Gradient		Tool shelf	Left Mouse

<b>3D View - Weight Paint - 3D View Tool : Paint Weight, Sample Weight</b>			
Name	Function	Surface menu location	Hotkey
Weight Paint Sample Weight		Tool shelf	Left Mouse

<b>3D View - Weight Paint - 3D View Tool : Paint Weight, Sample Vertex Group</b>			
Name	Function	Surface menu location	Hotkey
Weight Paint Sample Group		Tool shelf	Left Mouse

## **3D View - Paint Vertex Selection (Weight, Vertex)**

<b>3D View - Paint Vertex Selection (Weight, Vertex)</b>			
Name	Function	Surface Menu location	Hotkey
(De)select all	Selects all.	3D View / Select / (De)select all	A
(De)select all	Deselects all	3D View / Select / (De)select all	Alt A
(De)select all	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	None	dbl A
Box Select	Box Select	3D View / Weight Paint Vertex Selection / Box Select	B
Lasso Select	Lasso Select	3D View / Weight Paint Vertex Selection / Lasso Select	Tweak Left Any



**3D View - Paint Vertex Selection (Weight, Vertex)**

Lasso Select	Lasso Select	3D View / Weight Paint Vertex Selection / Lasso Select	Tweak Left Any
Circle Select	Circle Select	3D View / Weight Paint Vertex Selection / Circle Select	G

**3D View - Paint Face Mask (Weight, Vertex, Texture)**

Name	Function	Surface menu location	Hotkey
(De)select all	Selects all.	3D View / Select / (De)select all	A
(De)select all	Deselects all	3D View / Select / (De)select all	Alt A
(De)select all	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	None	dbl A
Face Select Hide	Hide selected	3D View / Brush / Show/Hide /	H
Face Select Hide	Hide unselected	3D View / Brush / Show/Hide /	Shift H
Face Select Reveal	Show hidden	3D View / Brush / Show/Hide /	Alt H
Select Linked		None	Ctrl L
Select Linked Pick	Select Linked	3D View / Select / Linked Pick Select	L
Select Linked Pick	Select Linked	3D View / Select / Linked Pick Deselect	Shift L

**3D View - Image Paint****3D View - Image Paint (Global)**

Name	Function	Surface menu location	Hotkey
Image Paint	Image Paint	None	Left Mouse
Image Paint	Image Paint	None	Ctrl Left Mouse
Swap Colors	Inverts the current selected color to paint with	3D View / Tool Shelf / Tools / Brush / toggle button	X
Sample Color	Turns Mouse into a color picker.	3D View / Tool Shelf / Tools / Brush / eyedropper button	S
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Shift Right Mouse
Stencil Brush Control	Brush Mode Stencil. Changes the angle value in the Texture tab	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Ctrl Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Shift Ctrl Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Shift Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture mask - when mask mapping is stencil	Ctrl Alt Right Mouse

<b>3D View - Image Paint (Global)</b>			
Radial Control	Sets the brush radius	Brush menu	F
Radial Control	Sets the brush radius with a value in the middle	Brush menu	Shift F
Radial Control	Sets the brush direction. Useful for painting with maps. Like for scales.	Brush menu	Ctrl F
Radial Control	Sets the brush direction. Useful for painting with maps. Like for scales.	Brush menu	Ctrl Alt F
Texture Paint Context Menu	calls the right mouse menu under the mouse	None	dbl - Right Mouse
Grab Clone	Calls a menu	None	Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.select	Tool Shelf	D

## 3D View - Sculpt

<b>3D View - Sculpt - Sculpt(Global)</b>			
Name	Function	Surface menu location	Hotkey
Sculpt	Sculpt	None	Left Mouse
Sculpt	Sculpt	None	Ctrl Left Mouse
Sculpt	Sculpt	None	Shift Left Mouse
Face Sets Visibility	Toggle Face Set visibility	3D View / Hide/Mask / Show Bounding Box	H
Face Sets Visibility	Hide Face Set(s)	3D View / Hide/Mask / Hide Bounding Box	Shift H
Face Sets Visibility	Show All Face Sets	3D View / Hide/Mask / Show All	Alt H
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 0
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 1
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 2
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 3
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 4
Subdivision Set	Adds a Multires modifier to selected object and sets SDS Level to value	Subdivide /	Ctrl 5
Mask Lasso Gesture	Lasso select to select a mask area	Mask menu	Shift Ctrl Left Mouse
Set Detail Size	Sets Detail size of brush in Dyntopo mode!	3D View / Tool Shelf / Tools / Dyntopo / Set Detail Size	Shift D
Radial Control	Sets the brush radius	3D View / Tool Shelf / Tools / Brush / Radial Control	F

<b>3D View - Sculpt - Sculpt(Global)</b>			
Radial Control	Sets the brush radius with a value in the middle	3D View / Tool Shelf / Tools / Brush / Radial Control	Shift F
Radial Control	Sets the brush direction. Useful for painting with maps. Like for scales.	3D View / Tool Shelf / Tools / Brush / Radial Control	Ctrl F
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture - shows with Brush mapping Stencil	Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture - shows with Brush mapping Stencil	Shift Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture - shows with Brush mapping Stencil	Ctrl Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture - shows with Brush mapping Stencil	Shift Ctrl Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Tools / Texture - shows with Brush mapping Stencil	Shift Alt Right Mouse
Stencil Brush Control	Brush Mode Stencil.	3D View / Tool Shelf / Texture - shows with Brush mapping Stencil	Ctrl Alt Right Mouse
Sculpt Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.move	Tool Shelf	W
Set Tool by Name	builtin.rotate	Tool Shelf	E
Set Tool by Name	builtin.scale	Tool Shelf	R
Face Sets Edit	calls a pie menu to set the face sets	None	Alt W
Mask Expand	Expand a Face Mask	None	Shift W
Edit Voxel Size		None	Shift R
Mask Expand	Expand mask by topology	Mask menu	Shift A
Mask Expand	Expand mask by curvature	Mask menu	Shift Alt A

<b>3D View - Weight Paint - 3D View Tool : Sculpt, Box Mask</b>			
Name	Function	Surface menu location	Hotkey
Box Select		Tool shelf	Tweak Left Any
Box Select		Tool shelf	Tweak Left Any

<b>3D View - Weight Paint - 3D View Tool : Sculpt, Lasso Mask</b>			
Name	Function	Surface menu location	Hotkey
Mask Lasso Gesture		Tool shelf	Tweak Left Any
Mask Lasso Gesture		Tool shelf	Tweak Left Any

<b>3D View - Weight Paint - 3D View Tool : Sculpt, Box Hide</b>			
Name	Function	Surface menu location	Hotkey
Hide/Show		Tool shelf	Tweak Left Any
Hide/Show		Tool shelf	Tweak Left Any
Hide/Show		Tool shelf	Left Mouse

**3D View - Weight Paint - 3D View Tool : Sculpt, Mesh Filter**

Name	Function	Surface menu location	Hotkey
Filter Mesh		Tool shelf	Tweak Left Any

**3D View - Weight Paint - 3D View Tool : Sculpt, Cloth Filter**

Name	Function	Surface menu location	Hotkey
Filter Cloth		Tool shelf	Tweak Left Any

**3D View - Weight Paint - 3D View Tool : Move**

Name	Function	Surface menu location	Hotkey
Move		Tool shelf	Tweak Left Any

**3D View - Weight Paint - 3D View Tool : Rotate**

Name	Function	Surface menu location	Hotkey
Rotate		Tool shelf	Tweak Left Any

**3D View - Weight Paint - 3D View Tool : Scale**

Name	Function	Surface menu location	Hotkey
Resize		Tool shelf	Tweak Left Any

**3D View - Weight Paint - 3D View Tool : Transform**

Name	Function	Surface menu location	Hotkey
Transform from Gizmo		Tool shelf	Tweak Left Any

**3D View - Particle****3D View - Particle - Particle (Global)**

User Preferences location	Function	Surface menu location	Hotkey
(De)select all	Selects all.	3D View / Select / (De)select all	A
Select None	Deselects all	3D View / Select / (De)select all	Alt A
Select Inverse	Inverts the selection	3D View / Select / Inverse	Ctrl I
(De)select all	Deselects all	None	dbl A
Select More	Select more	3D View / Select / Select More	Ctrl Numpad +
Select Less	Select less	3D View / Select / Select Less	Ctrl Numpad -
Select Linked All	Select Linked, in particle mode with Hair	3D View / Select / Select linked	L
Select Linked All	Select Linked, in particle mode with Hair	3D View / Select / Deselect linked	Shift L
Delete	Delete	Delete	Delete
Hide/Show	Show All	Show/Hide / Show All	Alt H
Hide/Show	Hide Selected	Show/Hide / Hide Selected	H
3D Manipulator	Painting with the brush	None	Left Mouse
Brush Edit	Painting with the brush	None	Left Mouse
Brush Edit	Painting with the brush	None	Shift Left Mouse

<b>3D View - Particle - Particle (Global)</b>			
Radial Control	Sets the brush radius	3D View / Sidebar / Tools / Brush / Radial Control Size	F
Radial Control	Sets the brush strength	3D View / Sidebar / Tools / Brush / Radial Control Strength	Shift F
Hide/Show	Hide Unselected	Show/Hide / Show Hidden	Shift H

<b>3D View - Particle - 3D View Tool : Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Select	Tool shelf	Left Mouse
Select	Invert selection	Tool shelf	Shift Left Mouse

<b>3D View - Particle - 3D View Tool : Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Select	Tool shelf	Tweak Left Any
Box Select	Add to selection	Tool shelf	Shift Tweak Left Any
Box Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Box Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

<b>3D View - Particle - 3D View Tool : Select Circle</b>			
Name	Function	Surface menu location	Hotkey
Circle Select	Select	Tool shelf	Left Mouse
Circle Select	Add to selection	Tool shelf	Shift Left Mouse
Circle Select	Subtract from selection	Tool shelf	Ctrl Left Mouse

<b>3D View - Particle - 3D View Tool : Select Lasso</b>			
Name	Function	Surface menu location	Hotkey
Lasso Select	Select	Tool shelf	Tweak Left Any
Lasso Select	Add to selection	Tool shelf	Shift Tweak Left Any
Lasso Select	Subtract from selection	Tool shelf	Ctrl Tweak Left Any
Lasso Select	Intersect selection	Tool shelf	Shift Ctrl Tweak Left Any

<b>3D View - Particle - 3D View Tool : Cursor</b>			
Name	Function	Surface menu location	Hotkey
Set 3D Cursor		Tool shelf	Left Mouse
Move		Tool shelf	Tweak Left Any

<b>3D View - Knife Tool Modal Map</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Panning	Panning	None	Middle Mouse
Add Cut Closed		None	Dbl-Left Mouse
Add Cut	Add Cut	None	Left Mouse

<b>3D View - Knife Tool Modal Map</b>			
Cancel	Cancel	None	Right Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Confirm	Confirm	None	Spacebar
End current cut	End current cut	None	E
Snap to Midpoints On	Snap to Midpoints On	None	Left Ctrl
Snap to Midpoints Off	Snap to Midpoints Off	None	Left Ctrl
Snap to Midpoints On	Snap to Midpoints On	None	Right Ctrl
Snap to Midpoints Off	Snap to Midpoints Off	None	Right Ctrl
Ignore Snapping On	Ignore Snapping On	None	Left Shift
Ignore Snapping Off	Ignore Snapping Off	None	Left Shift
Ignore Snapping On	Ignore Snapping On	None	Right Shift
Ignore Snapping Off	Ignore Snapping Off	None	Right Shift
Toggle Angle Snapping	Toggle Angle Snapping	None	C
Toggle Cut Through	Toggle Cut Through	None	Z

<b>3D View - Custom Normals Modal Map</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Confirm	Confirm	None	Left Mouse
Reset	Reset	None	R
Invert	Invert	None	I
Spherize	Spherize	None	S
Align	Align	None	A
Use Mouse	Use Mouse	None	M
Use Pivot	Use Pivot	None	L
Use Object	Use Object	None	O
Set and Use 3D Cursor	Set and Use 3D Cursor	None	Ctrl Left Mouse
Select and Use Mesh Item	Select and Use Mesh Item	None	Ctrl Right Mouse

<b>3D View - Bevel Modal Map</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Confirm	Confirm	None	Left Mouse
Change Offset		None	A

<b>3D View - Bevel Modal Map</b>			
Change Profile		None	P
Change Segment		None	S
Increase Segments		None	Wheel Up
Increase Segments		None	Numpad +
Decrease Segments		None	Wheel Down
Decrease Segments		None	Numpad -
Change Offset Mode		None	M
Toggle Clamp Overlap		None	C
Toggle Vertex Only		None	V
Toggle harden normals		None	H
Toggle mark seam		None	U
Toggle mark sharp		None	K
Change outer miter		None	O
Change inner miter		None	I
Toggle custom profile		None	Z
Change intersection method		None	N

<b>3D View - Paint Stroke Modal</b>			
Name	Function	Surface menu location	Hotkey
Paint Stroke Modal	End paint stroke	None	Esc

<b>3D View - Paint Curve</b>			
Name	Function	Surface menu location	Hotkey
Add Curve Point and Slide	Add Curve Point and Slide	None	Ctrl Left Mouse
Select Paint Curve Point	Select Paint Curve Point	None	Left Mouse
Select Paint Curve Point	Select Paint Curve Point	None	Shift Left Mouse
Slide Paint Curve Point	Slide Paint Curve Point	None	Right Mouse
Slide Paint Curve Point	Slide Paint Curve Point	None	Shift Right Mouse
Select Paint Curve Point	Select Paint Curve Point	???	A
Place Cursor	Place Cursor	None	Right Mouse
Remove Paint Curve Point	Remove Paint Curve Point	None	Delete
Draw Curve	Draw Curve	None	Return
Draw Curve	Draw Curve	None	Numpad Enter
Translate	Translate	3D View / Navi / Translate	W
Translate	Translate	None	
Rotate	Rotate	3D View / Navi / Rotate	E
Resize	Resize	3D View / Navi / Resize	R

<b>3D View - Object Non Modal</b>			
Name	Function	Surface menu location	Hotkey

<b>3D View - Object Non Modal</b>			
Set Object Mode	Object Mode	3D View / Drop down Box in menu bar	1
Set Object Mode	Edit Mode	3D View / Drop down Box in menu bar	2
Set Object Mode	Sculpt Mode	3D View / Drop down Box in menu bar	3
Set Object Mode	Vertex Paint	3D View / Drop down Box in menu bar	4
Set Object Mode	Weight Paint	3D View / Drop down Box in menu bar	5
Set Object Mode	Texture Paint	3D View / Drop down Box in menu bar	6
Set Object Mode	Pose Mode	3D View / Drop down Box in menu bar	Shift 2
Set Object Mode for Grease Pencil object	Edit Mode	3D View / Drop down Box in menu bar	2
Set Object Mode for Grease Pencil object	Sculpt Mode	3D View / Drop down Box in menu bar	3
Set Object Mode for Grease Pencil object	Draw Mode	3D View / Drop down Box in menu bar	7
Set Object Mode for Grease Pencil object	Vertex Paint	3D View / Drop down Box in menu bar	4
Set Object Mode for Grease Pencil object	Weight Paint	3D View / Drop down Box in menu bar	5

<b>3D View - View 3D Walk Modal</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Right Mouse
Cancel	Cancel	None	Esc
Confirm	Confirm	None	Left Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Fast	Fast Enable	None	Left Shift
Fast (Off)	Fast Disable	None	Left Shift
Slow	Slow Enable	None	Left Alt
Slow (Off)	Slow Disable	None	Left Alt
Forward	Move Forward	None	W
Backward	Move Backward	None	S
Left ( Strafe)	Move Left ( Strafe)	None	A
Right ( Strafe)	Move Right ( Strafe)	None	D
Up	Move Up	None	E
Down	Move Down	None	Q
Stop Move Forward	Stop Move Forward	None	W
Stop Move Backward	Stop Move Backward	None	S
Stop Move Left ( Strafe)	Stop Move Left ( Strafe)	None	A
Stop Move Right ( Strafe)	Stop Move Right ( Strafe)	None	D
Stop Move Up	Stop Move Up	None	E



<b>3D View - View 3D Walk Modal</b>			
Stop Move Down	Stop Move Down	None	Q
Forward	Move Forward	None	Up Arrow
Backward	Move Backward	None	Down Arrow
Left ( Strafe)	Move Left ( Strafe)	None	Left Arrow
Right ( Strafe)	Move Right ( Strafe)	None	Right Arrow
Stop Move Forward	Stop Move Forward	None	Up Arrow
Stop Move Backward	Stop Move Backward	None	Down Arrow
Stop Move Left ( Strafe)	Stop Move Left ( Strafe)	None	Any Left Arrow
Stop Move Right ( Strafe)	Stop Move Right ( Strafe)	None	Any Right Arrow
Toggle Gravity	Toggle Gravity	None	Tab
Toggle Gravity	Toggle Gravity	None	G
Jump	Jump	None	V
Jump (Off)	Jump Stop	None	V
Teleport	Teleport	None	Spacebar
Teleport	Teleport	None	Middle Mouse
Accelerate	Accelerate	None	Numpad +
Decelerate	Decelerate	None	Numpad -
Accelerate	Accelerate	None	Wheel Up
Decelerate	Decelerate	None	Wheel Down

<b>3D View - View 3D Fly Modal</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Right Mouse
Cancel	Cancel	None	Esc
Confirm	Confirm	None	Left Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Spacebar
Confirm	Confirm	None	Numpad Enter
Accelerate	Accelerate	None	Numpad +
Decelerate	Decelerate	None	Numpad -
Accelerate	Accelerate	None	Wheel Up
Decelerate	Decelerate	None	Wheel Down
Confirm	Confirm	None	Mouse/Trackpad Pan
Pan	Pan Enable	None	Middle Mouse
Pan (Off)	Pan Disable	None	Middle Mouse
Forward	Fly Forward	None	W
Backward	Fly Backward	None	S
Left	Fly Left	None	A
Right	Fly Right	None	D
Up	Fly Up	None	E
Down	Fly Down	None	Q
Up	Fly Up	None	R
Down	Fly Down	None	F

**3D View - View 3D Fly Modal**

Forward	Fly Forward	None	Up Arrow
Backward	Fly Backward	None	Down Arrow
Left	Fly Left	None	Left Arrow
Right	Fly Right	None	Right Arrow
X Axis Correction	X Axis Correction	None	X
X Axis Correction	X Axis Correction	None	Z
Precision	Precision Enable	None	Left Alt
Precision (Off)	Precision Disable	None	Left Alt
Precision	Precision Enable	None	Left Shift
Precision (Off)	Precision Disable	None	Left Shift
Rotation	Rotation Enable	None	Left Ctrl
Rotation (Off)	Rotation Disable	None	Left Ctrl

**3D View - View 3D Rotate Modal**

Name	Function	Surface menu location	Hotkey
Confirm	Confirm	None	Middle Mouse
Confirm	Confirm	None	Esc
Axis Snap	Enable Axis Snap	None	Left Alt
Axis Snap (Off)	Disable Axis Snap	None	Left Alt

**3D View - View 3D Move Modal**

Name	Function	Surface menu location	Hotkey
Confirm	Confirm	None	Middle Mouse
Confirm	Confirm	None	Esc

**3D View - View 3D Zoom Modal**

Name	Function	Surface menu location	Hotkey
Confirm	Confirm	None	Middle Mouse
Confirm	Confirm	None	Esc

**3D View - View 3D Dolly Modal**

Name	Function	Surface menu location	Hotkey
Confirm	Confirm	None	Middle Mouse
Confirm	Confirm	None	Esc

**3D View - 3D View Generic**

Name	Function	Surface menu location	Hotkey
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3D View - 3D View Generic			
Toggle Sidebar	Calls or hides the Properties sidebar	3D View / View / Toggle Sidebar	Ctrl T
Tool Shelf	Calls or hides the Tool Shelf sidebar	3D View / View / Tool Shelf	T

## Graph Editor

Graph Editor / Graph Editor (Global)			
Name	Function	Surface menu location	Hotkey
Set Cursor	Set Cursor	None	Right Mouse
Select Keyframes	Select Keyframes	None	Left Mouse
Select Keyframes	Select Keyframes	None	Alt Left Mouse
Select Keyframes	Select Keyframes	None	Shift Left Mouse
Select Keyframes	Select Keyframes	None	Shift Alt Left Mouse
Select Keyframes	Select Keyframes	None	Ctrl Alt Left Mouse
Select Keyframes	Select Keyframes	None	Shift Ctrl Alt Left Mouse
Select Left/Right	Select Left/Right	None	Ctrl Left Mouse
Select Left/Right	Select Left/Right	None	Shift Ctrl Left Mouse
(De)select all	Select All	Graph Editor / Select /	A
Select None	Deselect All	Graph Editor / Select /	Alt A
Select Inverse	Invert Selection	Graph Editor / Select /	Ctrl I
(De)select all	Deselect all	Graph Editor / Select /	dbl A
Box Select	Box Select	Graph Editor / Select / Border Select	B
Lasso Select	Lasso Select	None	
Lasso Select	Lasso Select	None	
Circle Select	Circle Select	Graph Editor / Select / Circle Select	G
Select More	Select More	Graph Editor / Select / Select More	Ctrl Numpad +
Select Less	Select Less	Graph Editor / Select / Select Less	Ctrl Numpad -
Duplicate	Duplicate	Graph Editor / Key / Duplicate	Shift D
Click-Insert Keyframes	Insert Keyframes	None	Ctrl Right Mouse
Click-Insert Keyframes	Insert Keyframes	None	Shift Ctrl Right Mouse
Copy Keyframes	Copy Keyframes	Graph Editor / Key / Copy Keyframes	Ctrl C
Paste Keyframes / Flipped	Paste Keyframes	Graph Editor / Key / Paste Keyframes	Ctrl V
Paste Keyframes / Flipped	Paste Keyframes flipped	Graph Editor / Key / Paste Flipped	Shift Ctrl V
Auto Set Keyframe Range		View menu	Ctrl Alt P
Frame All	View All	Graph Editor / View / View All	Home
<a href="#">Frame All</a>	<a href="#">View All. N dof device for 3dConnexion</a>		<a href="#">NDOF Fit</a>
Frame Selected	View Frame	Graph Editor / View / View Frame	Numpad 0
Go to Current Frame			Numpad .

<b>Graph Editor / Graph Editor (Global)</b>			
Move	Translate	Graph Editor / Key / Transform /	W
Move			Tweak Left Any
Transform		Graph Editor / Key / Transform /	S
Rotate	Rotate	Graph Editor / Key / Transform /	E
Resize	Resize	Graph Editor / Key / Transform /	R
Delete Keyframes	Delete Keyframes	Graph Editor / Key / Delete Keyframes	Delete
Insert Keyframes		Graph Editor / Key /	I
F-Curve Context Menu	calls the right mouse menu under the mouse	None	dbl - Right Mouse

<b>Graph Editor / Graph Editor Generic</b>			
Name	Function	Surface menu location	Hotkey
Context Toggle	Opens /closes the Properties sidebar	Graph Editor / View / Properties	Ctrl T
Hide Curves	Hide selected curve	Graph Editor / Channel / Hide selected curve	H
Hide Curves	Hide unselected curves	Graph Editor / Channel / Hide unselected curves	Shift H
Reveal Curves	Show all curves	Graph Editor / Channel / Show all curves	Alt H

## Dope sheet

<b>Dope sheet (Global)</b>			
User Preferences location	Function	Surface menu location	Hotkey
Select Keyframes	Mouse Select Keys	None	Left Mouse
Select Keyframes	Mouse Select Keys	None	Alt Left Mouse
Select Keyframes	Mouse Select Keys	None	Shift Left Mouse
Select Keyframes	Mouse Select Keys	None	Shift Alt Left Mouse
Select Keyframes	Mouse Select Keys	None	Ctrl Alt Left Mouse
Select Keyframes	Mouse Select Keys	None	Shift Ctrl Alt Left Mouse
Select Left/Right	Select Left/Right	None	Ctrl Left Mouse
Select Left/Right	Select Left/Right	None	Shift Ctrl Left Mouse
Select All	Select All	Dope Sheet / Select / Select All	A
Select None	Select Nothing	Dope Sheet / Select /	Alt A
Select Inverse	Inverts Selection	Dope Sheet / Select / Invert Selection	Ctrl I
Select All		None	dbl A
Box Select	Border Select	Dope Sheet / Select / Border Select	B
Lasso Select	Lasso Select	None	Tweak Left Any
Lasso Select	Lasso Select	None	Tweak Left Any
Circle Select	Circle Select	Dope Sheet / Select / Circle Select	G
Select More	Select more	Dope Sheet / Select / Select More	Ctrl Numpad +

<b>Dope sheet (Global)</b>			
Select Less	Select less	Dope Sheet / Select / Select Less	Ctrl Numpad -
Duplicate	Duplicate	Key menu	Shift D
Copy Keyframes	Copy Keyframes	Dope Sheet / Key / Copy Keyframes	Ctrl C
Paste Keyframes /Flipped	Paste Keyframes	Dope Sheet / Key / Paste Keyframes	Ctrl V
Paste Keyframes /Flipped	Paste Keyframes flipped	Key menu	Shift Ctrl V
Auto-Set Preview Range			Ctrl Alt P
Frame All	View All	Dope Sheet / View / View All	Home
Frame All	View All. N dof device for 3dConnexion	None	NDOF Fit
Frame Selected	View Frame	Dope Sheet / View / View Frame	Numpad 0
Go to current frame	View Selected	Dope Sheet / View / View Selected	Numpad ,
Find Channel	Calls a Find Channels panel	Dope Sheet / Channel / Find Channel	Ctrl F
Transform	Grab / Move	Dope Sheet / Key / Transform	W
Transform			Tweak Left Any
Transform	Extend	Dope Sheet / Key / Transform	E
Transform	Scale	Dope Sheet / Key / Transform	R
Transform	Slide	Dope Sheet / Key / Transform	Shift T
Delete Keyframes	Delete Keyframes	Dope Sheet / Key / Delete Keyframes	Delete
Insert Keyframes		Dope Sheet / Key /	I
Dope Sheet Context Menu	calls a menu under the mouse	None	dbl - Right Mouse

## Dope sheet Generic

### Dope sheet Generic

Name	Function	Surface menu location	Hotkey
Context Toggle	Opens / closes the Sidebar	Dope sheet Generic / Properties	Ctrl T

## NLA Editor

### NLA Editor / NLA Editor (Global)

Name	Function		Hotkey
Select		None	Left Mouse
Select		None	Shift Left Mouse
Select Left/Right		None	Ctrl Left Mouse
Select Left/Right		None	Shift Ctrl Left Mouse
(De)select all	Select All	Select / Select All	A
Select None	Select Nothing	Select / S	Alt A
Select Inverse	Inverts Selection	Select / Invert Selection	Ctrl I

<b>NLA Editor / NLA Editor (Global)</b>			
(De)select all		None	dbl A
Box Select	Box Select	NLA / Select / Border Select	B
Auto Set Preview Range		NLA / View menu	Ctrl Alt P
Frame All	View All	NLA / View / View All	Home
Frame All	View All. N dof device for 3dConnexion	None	NDOF Fit
Frame Selected		View /	Numpad 0
Go to current frame			Numpad ,
Duplicate Strips	Duplicate Strips	NLA / Edit menu	Shift D
Duplicate Strips	Duplicate Linked Strips	NLA / Edit menu	Alt D
Delete Strips	Delete Strips	NLA / Edit / Delete Strips	Delete
Move Strips up	Move Strips up	NLA / Edit / Move Strips up	Page Up
Move Strips down	Move Strips down	NLA / Edit / Move Strips down	Page Down
Add F Modifier	calls Add F Modifier menu	None	Shift Ctrl M
Transform	Transform / Move	NLA / Edit / Transform / Grab/Move	W
/Transform	Transform	None	Tweak Left Any
/Transform	Extend	NLA / Edit / Transform /	E
Transform	Scale	NLA / Edit / Transform / Scale	R
Add Time Marker		NLA / Marker menu	M
Rename Marker		NLA / Marker menu	Ctrl M
NLA Context Menu	calls the right mouse menu under the mouse	None	dbl - Right Mouse

<b>NLA Editor / NLA Channels</b>			
Name	Function	Surface menu location	Hotkey
NLA Editor / NLA Channels / Mouse Click on NLA Channels	Mouse Click on NLA Channels	None	Left Mouse
NLA Editor / NLA Channels / Mouse Click on NLA Channels	Mouse Click on NLA Channels	None	Shift Left Mouse
NLA Editor / NLA Channels / Delete	Delete	NLA Editor / Edit / Delete Strips	Delete
NLA Channel Context Menu	calls the right mouse menu under the mouse	None	dbl - Right Mouse

<b>NLA Editor / NLA Generic</b>			
Name	Function	Surface menu location	Hotkey
Context Toggle	Opens/ Closes the Properties Sidebar	NLA Editor / View / Properties	Ctrl T
Enter Tweak Mode	Exit Tweak Mode.	NLA Editor / Edit / Stop tweaking Strip Actions	Tab
Exit Tweak Mode	Enter Tweak Mode.	NLA Editor / Edit / Start tweaking Strip Actions	Tab
Enter Tweak Mode	Exit Tweak Mode. Isolate Action	NLA Editor / Edit / Stop tweaking Stashed Action	Shift Tab

NLA Editor / NLA Generic			
Exit Tweak Mode	Enter Tweak Mode. Isolate Action	NLA Editor / Edit / Start tweaking Stashed Action	Shift Tab

## Image

Image / Image (Global)			
Name	Function	Surface menu location	Hotkey
Frame All	View All	Image Editor / View / View All	Home
Frame All	View All	None	Shift Home
View Center	View Center	Image Editor / View / View Center	Numpad 0
Pan View	View Pan	None	Middle Mouse
Pan View	View Pan	None	Shift Middle Mouse
Pan View	View Pan	None	Mouse/Trackpad Pan
Frame all	View All. N dof device for 3dConnexion	None	NDOF Fit
NDOF Pan/Zoom	NDOF Pan/Zoom. N dof device for 3dConnexion	None	NDOF Motion
Zoom in	View Zoom In	Image Editor / View / View Zoom In	Wheel In
Zoom Out	View Zoom Out	Image Editor / View / View Zoom Out	Wheel Out
Zoom in	View Zoom in	None	Numpad +
Zoom Out	View Zoom Out	None	Numpad -
Zoom View	View Zoom	None	Ctrl Middle Mouse
Zoom View	View Zoom	None	Mouse/Trackpad Zoom
Zoom View	View Zoom	None	Ctrl Mouse/Trackpad Pan
Zoom Border		View /	Shift B
Change Frame	Change Frame.	None	Left Mouse
Sample Color	Sample Color.	None	Right Mouse
Set Curves Point	Set Black point in color management curves panel. Image must be set to View as Render.	None	Ctrl Left Mouse
Set Curves Point	Set White point in color management curves panel. Image must be set to View as Render.	None	Shift Left Mouse
Render Region	define a render area by dragging a rectangle	View / Render Region	Ctrl B
Clear Render Region	removes the render border	View / Clear Render Region	Ctrl Alt B
Call Menu	Calls the Mask Context menu		dbl Right Mouse

Image / UV Editor / UV Editor (Global)			
Name	Function	Surface menu location	Hotkey
Select Mode	Select mode with UV sync on		X
Select Mode	Select mode with UV sync on	Header	C

<b>Image / UV Editor / UV Editor (Global)</b>			
Select Mode	Select mode with UV sync on	Header	V
<b>Select Mode</b>	<b>???</b>		<b>4</b>
Context Set Enum	Select mode with UV sync off	Header	1
Context Set Enum	Select mode with UV sync off	Header	2
Context Set Enum	Select mode with UV sync off	Header	3
Context Set Enum	Select mode with UV sync off	Header	4
Select	Select	None	Left Mouse
Select	Select	None	Shift Left Mouse
Loop Select	Loop Select. No menu item possible, works with mouse position	None	Alt Left Mouse
Loop Select	Loop Select. No menu item possible, works with mouse position	None	Shift Alt Left Mouse
Lasso Select UV	Lasso Select	None	Tweak Right Any
Lasso Select UV	Lasso Select	None	Tweak Right Any
Select Linked Pick	Select Linked Pick	Image Editor / Select / Linked Pick	L
Select More	Select More	Image Editor / Select / More	Ctrl Numpad +
Select Less	Select Less	Image Editor / Select / Less	Ctrl Numpad -
(De)select all	Select All	Select / Select All	A
Select None	Select Nothing	Select /	Alt A
Select Inverse	Inverts Selection	Select / Invert Selection	Ctrl I
(De)select all		None	dbl A
Unwrap		None	U
Hide selection	Hide selected Object	Image Editor / UV's / Show/Hide Faces / Hide Selected	H
Hide selection	Hide unselected Object(s)	Image Editor / UV's / Show/Hide Faces / Hide Unselected	Shift H
Reveal Hidden	Show hidden Objects	Image Editor / UV's / Show/Hide Faces / Reveal Hidden	Alt H
Move	Translate	None	Tweak Left Any
Set 2D cursor	Sets the 2d cursor to mouse position	None	Alt Right Mouse
Move 2D cursor	Moves the 2D cursor	None	Shift Tweak Right Any
Mark Seam	Marks the selected edge(s) as seam for unwrapping with ABF or LSCM	UV Menu	M
Clear Seam	Clears the seam at the selected edge(s)	UV Menu	N
Call Menu	Calls the UV context menu	None	dbl Right Mouse
Set Tool By Name	builtin.move	Tool Shelf	W
Set Tool By Name	builtin.rotate	Tool Shelf	E
Set Tool By Name	builtin.scale	Tool Shelf	R
Set Tool By Name	builtin.select	Tool Shelf	D
Set Tool By Name	builtin.select_box	Tool Shelf	B
Set Tool By Name	builtin.select_circle	Tool Shelf	G
Pick shortest path	Pick shortest path	None	Ctrl Left Mouse



<b>Image / UV Editor / UV Editor (Global)</b>			
Pick shortest path	Pick shortest path with Fill Region	None	Shift Ctrl Left Mouse
Edge Ring Select	Select Edge Ring		Ctrl Alt Left Mouse
Edge Ring Select	Select Edge Ring with add to selection		Shift Ctrl Alt Left Mouse

<b>Image / UV Editor / Image Editor Tool: UV, Tweak</b>			
Name	Function	Surface menu location	Hotkey
Select	Tweak Select	None	Left Mouse
Select	Tweak Select	None	Shift Left Mouse

<b>Image / UV Editor / Image Editor Tool: UV, Select Box</b>			
Name	Function	Surface menu location	Hotkey
Box Select	Box Select	None	Tweak Left Any
Box Select	Box Select	None	Tweak Left Any
Box Select	Box Select	None	Tweak Left Any

<b>Image / UV Editor / Image Editor Tool: UV, Select Circle</b>			
Name	Function	Surface menu location	Hotkey
Circle Select	Circle Select	None	Left Mouse
Circle Select	Circle Select	None	Shift Left Mouse
Circle Select	Circle Select	None	Ctrl Left Mouse

<b>Image / UV Editor / Image Editor Tool: UV, Select Lasso</b>			
Name	Function	Surface menu location	Hotkey
Lasso Select	Box Select	None	Tweak Left Any
Lasso Select	Box Select	None	Tweak Left Any
Lasso Select	Box Select	None	Tweak Left Any

<b>Image / UV Editor / Image Editor Tool: UV, Cursor</b>			
Name	Function	Surface menu location	Hotkey
Set 2D Cursor	Set 2D Cursor	None	Left Mouse
Move	Set 2D Cursor	None	Tweak Left Any

<b>Image / UV Editor / Image Editor Tool: UV, Move</b>			
Name	Function	Surface menu location	Hotkey
Move	Move	None	Tweak Left Any

**Image / UV Editor / Image Editor Tool: UV, Rotate**

Name	Function	Surface menu location	Hotkey
Rotate	Rotate	None	Tweak Left Any

**Image / UV Editor / Image Editor Tool: UV, Scale**

Name	Function	Surface menu location	Hotkey
Scale	Scale	None	Tweak Left Any

**Image / Image Paint**

Name	Function	Surface menu location	Hotkey
Image Paint	Image Paint	None	Left Mouse
Image Paint	Image Paint	None	Ctrl Left Mouse
Swap colors	Toggles the current color	Image Editor / Sidebar / Tool / Brush , in the color picker	X
Sample Color	Sample Color	Image Editor / Sidebar / Paint	S
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Alt Right Mouse
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Shift Right Mouse
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Ctrl Right Mouse
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Shift Ctrl Alt Right Mouse
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Shift Alt Right Mouse
Stencil Brush control	Stencil Brush control	Image Editor / Sidebar / Texture Mask with Mask Mapping Stencil	Ctrl Alt Right Mouse
Radial Control	Radial Control	Image Editor / Brush /	F
Radial Control	Radial Control	Image Editor / Brush /	Shift F
Radial Control	Radial Control	Image Editor / Brush /	Ctrl F
Radial Control	Radial Control	Image Editor / Brush /	Ctrl Alt F
Texture Paint Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Grab Clone	Move the stencil image for the Clone tool in Paint mode	None	Right Mouse
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Set Tool by Name	builtin.select	Tool Shelf	D

**Image / Image generic**

Name	Function	Surface menu location	Hotkey
New Image	New Image	Image /	Alt N
Open Image	Open Image	Image /	Alt O
Reload Image		Image /	Alt R
Save Image	Save Image	Image /	Alt S

## Image / Image generic

Save as Image	Save as Image	Image /	Shift S
Context Toggle	Displays the sidebar	View /	Ctrl T
Context Toggle	Displays the Tool Shelf	View /	T

## Outliner

### Outliner

	Function	Surface menu location	Hotkey
Update Highlight		None	Mouse Move
Rename	Rename Item	None	double-Left Mouse
Select	Activate Item	None	Left Mouse
Select	Activate Item	None	Shift Left Mouse
Select	Activate Item	None	Ctrl Left Mouse
Select	Activate Item	None	Shift Ctrl Left Mouse
Box Select	Border Select	View Menu	B
Box Select	Border Select		Tweak Left Any
Box Select	Border Select		Tweak Left Any
Box Select	Border Select		Tweak Left Any
Walk Select	Arrow navigation in the outliner	None	Up Arrow
Walk Select	Arrow navigation in the outliner - extend	None	Shift Up Arrow
Walk Select	Arrow navigation in the outliner	None	Down Arrow
Walk Select	Arrow navigation in the outliner - extend	None	Shift Down Arrow
Walk Select	Arrow navigation in the outliner	None	Left Arrow
Walk Select	Arrow navigation in the outliner - extend	None	Shift Left Arrow
Walk Select	Arrow navigation in the outliner	None	Right Arrow
Walk Select	Arrow navigation in the outliner - extend	None	Shift Right Arrow
Open/Close	Open/Close Item	None	Left Mouse
Open/Close	Open/Close Item	None	Shift Left Mouse
Open/Close		None	Tweak Left Any
Context Menu		None	Right Mouse
Drag and Drop		None	Tweak Left Any
Drag and Drop		None	Tweak Left Any
Show Hierarchy		View / Box Select	Home
Show Active		View / Box Select	.
Show Active		None	Numpad .
Scroll Page	Scroll Page	None	Page Down
Scroll Page	Scroll Page	None	Page Up
Show/ Hide One Level		None	Numpad +
Show/ Hide One Level		None	Numpad -
Toggle Selected	Select All	View / Select All	A

<b>Outliner</b>			
Toggle Selected	Select None	View / None	Alt A
Toggle Selected	Inverse Selection	View / Inverse	Ctrl I
Toggle Selected		None	dbl-A
Expand/Collapse All	Expand/Collapse All	View / Expand/Collapse All	Shift A
Keying Set Add Selected		None	K
Keying Set Remove Selected		None	Alt K
Insert Keyframe		None	I
Delete Keying Set Keyframe		None	Alt I
Add Drivers for Selected		Right click menu	Ctrl D
Delete Drivers for Selected		Header, at the right	Ctrl Alt D
New Collection		Header, at the right	C
Delete		Right click menu at the item	Delete
Move to Collection		M menu at the item	M
Link to Collection		Shift M menu at the item	Shift M
Disable from View Layer		None	E
Enable in View Layer		None	Alt E
Hide		None	H
Unhide All		None	Alt H
Outliner ID Data Copy	Copy	None	Ctrl C
Outliner ID Data Paste	Paste	None	Ctrl V

## Node Editor

<b>Node Editor / Node Editor Global</b>			
Name	Function	Surface menu location	Hotkey
Select	Select	None	Left Mouse
Select	Select	None	Ctrl Left Mouse
Select	Select	None	Alt Left Mouse
Select	Select	None	Shift Left Mouse
Select	Select	None	Shift Ctrl Left Mouse
Select	Select	None	Shift Alt Left Mouse
Select	Select	None	Ctrl Right Mouse
Select	Select	None	Shift Ctrl Alt Left Mouse
Box Select	Border Select	None	Tweak Left Any
Lasso Select	Lasso Select	None	Tweak Left Any
Lasso Select	Lasso Select	None	Tweak Left Any
Link Nodes	Link Nodes	None	Tweak Left Any
Link Nodes	Link Nodes	None	Tweak Left Any
Resize Node	Resize Node	None	Tweak Left Any
Add Reroute	Add Reroute	None	Tweak Left Any
Cut Links	Cut Links	None	Tweak Left Any
Link Viewer	Link Viewer	None	Shift Ctrl Left Mouse
Background Image Move	Background Image Move	None	Alt Middle Mouse

<b>Node Editor / Node Editor Global</b>			
Background Image Zoom	Background Image Zoom	Compositor / View /	V
Background Image Zoom	Background Image Zoom	Compositor / View /	Alt V
Background Image Fit	Background Image Fit	Compositor / View /	Alt Home
Back image Sample	Displays the color information of the Background Image under the current mouse position. Position, RGB Values, HSV, etc.	None	Alt Right Mouse
Make Links	Make Links	Node Editor / Node /	F
Make Links	Make and replace Links	Node Editor / Node /	Shift F
Add			Shift A
Duplicate	Duplicate	Node Editor / Node / Duplicate	Shift D
Duplicate	Duplicate with keep inputs	Node Editor / Node / Duplicate Keep Input	Shift Ctrl D
Make Parent		Node menu	Ctrl P
Detach Nodes		Node Editor / Node /	Alt P
Join Nodes		Node Editor / Node /	Ctrl J
Hide	Hide	Node Editor / Node / Hide	H
Toggle Node Preview	Toggle Node Preview	Node Editor / Node / Toggle Node Preview	Shift H
Toggle Hidden Node Sockets	Toggle Hidden Node Sockets	Node Editor / Node / Toggle Hidden Node Sockets	Ctrl H
Frame All	View All	View / View All	Home
<a href="#">Frame All</a>	<a href="#">View All. N dof device for 3dConnexion</a>	<a href="#">View / View All</a>	<a href="#">N dof Fit</a>
Frame Selected	View Selected	View / View Selected	Numpad 0
Delete with reconnect		Node menu	Ctrl Delete
(De)select all	Select all	Node Editor / Select / (De)select all	A
Select none	Deselect all	Node Editor / Select /	Alt A
Select Inverse	Invert Selection	Node Editor / Select / Inverse	Ctrl I
(De)select all	Deselect all	None	dbl-A
Render changed layer		Node Editor / Node /	Z
Copy to Clipboard	Copy to Clipboard	Node Editor / Node / Copy	Ctrl C
Paste from Clipboard	Paste from Clipboard	Node Editor / Node / Paste	Ctrl V
Viewer Region		View menu	Ctrl B
Clear Viewer Border		View menu	Ctrl Alt B
Move and Attach	Move and Attach	Node Editor / Node / Translate	W
Move and Attach	Move and Attach	None	Tweak Left Any
Move and Attach	Move and Attach	None	Tweak Left Any
Move	Translate	Node Editor / Node / Move	W
Move	Translate	None	Tweak Left Any
Move	Translate	None	Tweak Left Any
Rotate	Rotate	Node Editor / Node / Rotate	E
Resize	Resize	Node Editor / Node / Resize	R
Detach	Detach	Node Editor / Node / Detach Linked Move	Alt D
Detach	Detach	None	Tweak Left Any

<b>Node Editor / Node Editor Global</b>			
Detach	Detach	None	Tweak Left Any
Delete	Delete	Node Editor / Node / Delete	Delete
Node Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select	Tool shelf	D
Set Tool by Name	builtin.select_box	Tool shelf	B
Set Tool by Name	builtin.select_circle	Tool shelf	G
Edit Group	Toggles the edit of a node group	Sidebar / Relations tab / Group panel	Tab
Set Tool by Name	builtin.links_cut	Tool Shelf	K

<b>Node Editor / Generic</b>			
Name	Function	Surface menu location	Hotkey
Context Toggle	Calls or closes the Properties panel	Node Editor / View / Properties	Ctrl T
Context Toggle	Calls or closes the Tool Shelf panel	Node Editor / View / Tool Shelf	T

## Sequencer

<b>Sequencer / Sequencer (Global)</b>			
User Preferences location	Function	Surface menu location	Hotkey
(De)select all	Select all	Sequencer / Select/ (De)select all	A
Select None	Deselect all	Sequencer / Select	Alt A
Select Inverse	Inverse	Sequencer / Select / Inverse	Ctrl I
(De)select all	Deselect all	None	dbl-A
Split Strips	Cut Strip	Sequencer / Strip	K
Split Strips	Cut Strip	Sequencer / Strip	Shift K
Mute Strips	Mute Strips	Sequencer / Strip / Lock/Mute	H
Mute Strips	Mute Strips	Sequencer / Strip / Lock/Mute	Shift H
Un-Mute Strips	Un-Mute Strips	Sequencer / Strip / Lock/Mute	Alt H
Un-Mute Strips	Un-Mute Strips	Sequencer / Strip / Lock/Mute	Shift Alt H
Lock Strips		Sequencer / Strip / Lock/Mute	Shift L
Unlock Strips		Sequencer / Strip / Lock/Mute	Shift Alt L
Reassign Inputs		None	R
Reload Strips		Sequencer / Strip / Inputs	Alt R
Reload Strips		Sequencer / Strip / Inputs	Shift Alt R
Clear Strip Offset		Sequencer / Strip	Alt O
Duplicate Strips	Duplicate Strips	Sequencer / Strip / Duplicate Strips	Shift D
Erase Strips	Erase Strips	Sequencer / Strip / Erase Strips	Delete
Copy	Copy	Sequencer / Strip /	Ctrl C
Paste	Paste	Sequencer / Strip /	Ctrl V
Separate Images		None	Y

<b>Sequencer / Sequencer (Global)</b>			
Toggle Meta Strips		None	Tab
Make Meta Strip		None	Ctrl G
UnMetaStrip		None	Ctrl Alt G
Frame All	View All	Sequencer / View / View All	Home
Frame All	View All . N dof device for 3dConnexion	None	NDOF Fit
Frame Selected	View Selected	Sequencer / View / View Selected	Numpad 0
Go to current frame			Numpad ,
Jump to Strip	Jump to Strip	None	Page Up
Jump to Strip	Jump to Strip	None	Page Down
Jump to Strip	Jump to Strip	None	Alt Page Up
Jump to Strip	Jump to Strip	None	Alt Page Down
Swap Strip		Sequencer / Strip / Transform	Alt Left Arrow
Swap Strip		Sequencer / Strip / Transform	Alt Right Arrow
Remove Gaps		Sequencer / Strip / Transform	Backspace
Remove Gaps		Sequencer / Strip / Transform	Shift Backspace
Insert Gaps		Sequencer / Strip / Transform	Shift =
Snap Strips to the current frame		Sequencer / Strip	Shift S
Swap Inputs			Alt S
Split Multicam	Split Multicam	None	1
Split Multicam	Split Multicam	None	2
Split Multicam	Split Multicam	None	3
Split Multicam	Split Multicam	None	4
Split Multicam	Split Multicam	None	5
Split Multicam	Split Multicam	None	6
Split Multicam	Split Multicam	None	7
Split Multicam	Split Multicam	None	8
Split Multicam	Split Multicam	None	9
Split Multicam	Split Multicam	None	0
Select	Activate/Select	None	Left Mouse
Select	Activate/Select	None	Shift Left Mouse
Select	Activate/Select	None	Alt Left Mouse
Select	Activate/Select	None	Shift Alt Left Mouse
Select	Activate/Select	None	Ctrl Left Mouse
Select	Activate/Select	None	Shift Ctrl Left Mouse
Select More	Select more	Sequencer/ Select / Select More	Ctrl Numpad +
Select Less	Select less	Sequencer / Select / Select Less	Ctrl Numpad -
Select Pick Linked	Select Pick Linked	???	L
Select Pick Linked	Select Pick Linked	???	Shift L
Select Linked		Sequencer / Select	Ctrl L
Box Select	Box Select	Select menu	Ctrl B
Select Grouped		Sequencer / Select	Shift G
Call Menu		None	Shift A
Trim Strips		Strip / Transform	S

<b>Sequencer / Sequencer (Global)</b>			
Context Set	Context Set for overlay frame	None	O
Sequence Slide	Sequence Slide. Grabs the current active clip and moves it with the mouse.	None	G
Sequence Slide	Sequence Slide	None	Tweak Left Any
Transform		Strip / Transform	E
Add Time Marker		Marker /	M
Rename Marker	s	Marker /	Ctrl M
Transform	Move		W
Sequencer Context Menu	calls a menu under the mouse	None	dbl - Right Mouse
Set Tool by Name	builtin.select	Tool Shelf	D
Set Tool by Name	builtin.select_box	Tool Shelf	B
Set Tool by Name	builtin.select_circle	Tool Shelf	G
Box Select	Box select set	None	Tweak Left Any
Box Select	Box select extend	None	Tweak Left Any
Box Select	Box select subtract	None	Tweak Left Any

<b>Sequencer / Sequencer Common</b>			
Name	Function	Surface menu location	Hotkey
Context Toggle	Opens or closes the Properties sidebar	Sequencer / View / Properties	Ctrl T
Context Toggle		None	Shift O
View Toggle		None	Ctrl Tab

<b>Sequencer / Sequencer Preview</b>			
Name	Function	Surface menu location	Hotkey
Frame All	View All	None	Home
Frame All	View All . N dof device for 3dConnexion	None	NDOF Fit
Border Offset View	Border Offset View	None	O
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Ctrl Numpad 8
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Ctrl Numpad 4
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Ctrl Numpad 2
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Numpad 1
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Numpad 2
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Numpad 4
Sequencer View Zoom Ratio	Sequencer View Zoom Ratio	None	Numpad 8
Sample Color	Displays the color values under the mouse when holding Right Mouse and hovering over the movie	Sequencer / Sequencer Preview / Sample Color	Right Mouse



## File Browser

### File Browser / File Browser (Global)

Name	Function	Surface menu location	Hotkey
Context Toggle	Toggles the bookmarks	File Browser / Select / Toggle Bookmarks	T
Toggle Region	Toggles the sidebar	File Browser / Select / Toggle Bookmarks	Shift T
Parent File	Parent File	None	Alt Up Arrow
Previous Folder	Previous Folder	None	Alt Left Arrow
Next Folder	Next Folder	None	Alt Right Arrow
Delete selected Files	Delete selected Files	None	Delete
Smooth Scroll	Smooth Scroll	None	Timer 1
Filter	Sets the focus to the search field in the header so that you can start typing immediately.	None	Ctrl F
Files Context Menu	Calls the context menu	None	Right Mouse
Increment Number in Filename	Increment Number in Filename by 1	The little + button left from the cancel button	Numpad +
Increment Number in Filename	Increment Number in Filename by 10	None	Shift Numpad +
Increment Number in Filename	Increment Number in Filename by 100	None	Ctrl Numpad +
Increment Number in Filename	Decrease Number in Filename by 1	The little - button left from the cancel button	Numpad -
Increment Number in Filename	Decrease Number in Filename by 10	None	Shift Numpad -
Increment Number in Filename	Decrease Number in Filename by 100	None	Ctrl Numpad -

### File Browser / File Browser Main

Name	Function	Surface menu location	Hotkey
Execute File Window	Execute File Window	None	dbl-Left Mouse
Select	Activate/Select File	None	Left Mouse
Select	Open	None	double-Left Mouse
Select	Open / Extend	None	Ctrl Left Mouse
Select	Extend / Fill	None	Shift Left Mouse
Walk Select/Deselect File	Walk Select/Deselect File	None	Up Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Up Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Ctrl Up Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Down Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Down Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Ctrl Down Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Left Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Left Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Ctrl Left Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Right Arrow

<b>File Browser / File Browser Main</b>			
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Right Arrow
Walk Select/Deselect File	Walk Select/Deselect File	None	Shift Ctrl Right Arrow
(De)select all files	Select All	File Browser / Select	A
(De)select all files	Select None	File Browser / Select	Alt A
(De)select all files	Inverse Selection	File Browser / Select	Ctrl I
(De)select all files	Deselect	File Browser / Select	dbl-A
Box Select	Box select	File Browser / Select / Border Select	B
Box Select	Box select	None	Tweak Left Any
Box Select	Box select Extend	None	Tweak Left Any
Box Select	Box select Subtract	None	Tweak Left Any
Highlight File	Highlight File	None	Mouse Move
Sort from Column	Sort from Column	None	Left Mouse

<b>File Browser / File Browser Buttons</b>			
Name	Function	Surface menu location	Hotkey
Increment Number in Filename	Increment Number in Filename by 1	File browser, the tiny plus button besides the edit box	Numpad +
Increment Number in Filename	Increment Number in Filename by 10	None	Shift Numpad +
Increment Number in Filename	Increment Number in Filename by 100	None	Ctrl Numpad +
Increment Number in Filename	Decrease Number in Filename by 1	File browser, the tiny minus button besides the edit box	Numpad -
Increment Number in Filename	Decrease Number in Filename by 10	None	Shift Numpad -
Increment Number in Filename	Decrease Number in Filename by 100	None	Ctrl Numpad -

## Info

<b>Info</b>			
Name	Function	Surface menu location	Hotkey
Select Report	Select Report	None	Left Mouse
Select Report	Extend select report	None	Shift Left Mouse
Border Select	Brings up a rectangle select	Header - Info menu	B
Replay Operator	Replay Operator.	None	R
Delete Reports	Delete Reports	Header - Info menu	Delete
Copy Reports to Clipboard	Copy Reports to Clipboard	Header - Info menu	Ctrl C
Info Context Menu	Calls the Info Context Menu	None	dbl Right Mouse
(De)select all	Selects all	Header - Info menu	A
(De)select all	Deselects all	Header - Info menu	Alt A
(De)select all	Inverts the selection	Header - Info menu	Ctrl I

**Info**

(De)select all	Deselects all	None	dbl - A
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**Property Editor****Property Editor**

Name	Function	Surface menu location	Hotkey
Context Menu	Opens a Right Mouse menu where you can select to arrange the properties horizontally or vertically	None	Right Mouse
Cycle Space Context	Cycles through the tabs upwards	None	Ctrl Wheel Up
Cycle Space Context	Cycles through the tabs downwards	None	Ctrl Wheel Down
Remove Modifier	Remove modifier	Modifier header - Modifier menu	Delete
Copy Modifier	Copy modifier	Modifier header - Modifier menu	Shift D
Apply Modifier	Duplicate modifier	Modifier header - Modifier menu	Ctrl A
Remove Grease Pencil Modifier	Remove Grease pencil modifier	Modifier header - Modifier menu	Delete
Copy Modifier	Copy Grease pencil modifier	Modifier header - Modifier menu	Shift D
Apply Modifier	Duplicate Grease pencil modifier	Modifier header - Modifier menu	Ctrl A
Remove Grease Pencil Modifier	Remove shader fx grease pencil effect	Modifier header - Modifier menu	Delete

**Text****Text / Text (Global)**

Name	Function	Surface menu location	Hotkey
Move Cursor			Alt Left Arrow
Move Cursor			Alt Right Arrow
Context Int Cycle	Context Int Cycle	None	Ctrl Wheel Up
Context Int Cycle	Context Int Cycle	None	Ctrl Wheel Down
Context Int Cycle	Context Int Cycle	None	Ctrl Numpad +
Context Int Cycle	Context Int Cycle	None	Ctrl Numpad -
New Text	Create Text Block	Text / Text / Create Text Block	Alt N
Open Text	Open Text Block	Text / Text / Open Text Block	Alt O
Reload	Reload	Text / Text / Reload	Alt R
Save	Save	Text / Text / Save	Alt S
Save As	Save As	Text / Text / Save As	Shift Ctrl Alt S
Run Script	Run Script	Text / Text / Run Script	Alt P
Cut	Cut	Text / Edit / Cut	Ctrl X
Copy	Copy	Text / Edit / Copy	Ctrl C
Paste	Paste	Text / Edit / Paste	Ctrl V
Duplicate Line	Duplicate Line	Text / Edit / Duplicate Line	Ctrl D
Select All	Select All	Text / Edit / Select All	Ctrl A

<b>Text / Text (Global)</b>			
Select Line	Selects the whole Line.	Text / Edit / Select Line	Shift Ctrl A
Select Word	Select Word	None	double-Left Mouse
Move Lines	Move selected Lines up	Text / Edit / Move Line(s) up	Shift Ctrl Up Arrow
Move Lines	Move selected Lines down	Text / Edit / Text / Edit / Move Line(s) up	Shift Ctrl Down Arrow
Indent	Indent	Text / Format / Indent	Tab
Unindent	Unindent	Text / Format / Unindent	Shift Tab
Toggle Comments	Toggle Comments	Format /	Shift Ctrl D
Move Cursor	Move Cursor to start of line	None	Home
Move Cursor	Move Cursor to end of line	None	End
Move Cursor	Move Cursor to the right	None	Left Arrow
Move Cursor	Move Cursor to the left	None	Right Arrow
Move Cursor	Move Cursor to the right by word space	None	Ctrl Left Arrow
Move Cursor	Move Cursor to the left by word space	None	Ctrl Right Arrow
Move Cursor	Move Cursor to line above	None	Up Arrow
Move Cursor	Move Cursor to line below	None	Down Arrow
Move Cursor	Move Cursor up by text height	None	Page Up
Move Cursor	Move Cursor down by text height	None	Page Down
Move Cursor	Move Cursor to start of text	None	Ctrl Home
Move Cursor	Move Cursor to end of text	None	Ctrl End
Move Select	Select Text of line before the caret	None	Shift Home
Move Select	Select Text of line after the caret	None	Shift End
Move Select	Expands the text selection to the left	None	Shift Left Arrow
Move Select	Expands the text selection to the right	None	Shift Right Arrow
Move Select	Expands the text selection to the left by word space	None	Shift Ctrl Left Arrow
Move Select	Expands the text selection to the right by words space	None	Shift Ctrl Right Arrow
Move Select	Expands the text selection upwards by one line	None	Shift Up Arrow
Move Select	Expands the text selection downwards by one line	None	Shift Down Arrow
Move Select	Expands the text selection upwards by the width of the text window	None	Shift Page Up
Move Select	Expands the text selection downwards by the width of the text window	None	Shift Page Down
Move Select	Expands the text selection upwards to the start of the text	None	Shift Ctrl Home
Move Select	Expands the text selection downwards to the end of the text	None	Shift Ctrl End
Delete	Deletes selection / next character	Text Editor / Edit / Delete / Next Character	Delete
Delete	Deletes selection / deletes previous character	Text Editor / Edit / Delete / Previous Character	Back Space

<b>Text / Text (Global)</b>			
Delete	Deletes next word	Text Editor / Edit / Delete / Next Word	Ctrl Delete
Delete	Deletes previous word	Text Editor / Edit / Delete / Previous Word	Ctrl Back Space
Toggle Overwrite	Toggle Overwrite	None	Insert
Scroll bar	Scroll bar	None	Left Mouse
Scroll bar	Scroll bar	None	Middle Mouse
Scroll	Scroll	None	Middle Mouse
Scroll	Scroll	None	Mouse Trackpad Pan
Set Selection	Set Selection	None	Tweak Left Any
Set Cursor	Set Cursor	None	Right Mouse
Set Selection	Set Selection	None	Shift Left Mouse
Scroll	Scroll	None	Wheel Up
Scroll	Scroll	None	Wheel Down
Line Break	Line Break	None	Return
Line Break	Line Break	None	Numpad Enter
Text Auto Complete	Text Auto Complete	None	Ctrl Spacebar
Line Number	Line Number	None	
insert	insert	None	

<b>Text / Text Generic</b>			
Name	Function	Surface menu location	Hotkey
Context Toggle	Toggle sidebar	Text / View / Properties	Ctrl T
Find	Find	Text / Edit / Find	Ctrl F
Go To Line		Text / Edit /	Ctrl J
Find Set Selected		Sidebar / Find panel / Find next button	Ctrl G
Replace		Sidebar / Find panel / Replace button	Ctrl H

## Console

<b>Console</b>			
User Preferences location	Function	Surface menu location	Hotkey
Move Cursor	Move Cursor Previous Word	Console / Edit / Cursor to Previous Word	Ctrl Left Arrow
Move Cursor	Move Cursor Next Word	Console / Edit / Cursor to Next Word	Ctrl Right Arrow
Move Cursor	Move Cursor Line Begin	Console / Edit / Cursor to Line Begin	Home
Move Cursor	Move Cursor Line End	Console / Edit / Cursor to Line End	End
Context Int Cycle	Scale text up	Console / Edit / Zoom Text out	Ctrl Wheel Up
Context Int Cycle	Scale text down	Console / Edit / Zoom Text in	Ctrl Wheel Down

<b>Console</b>			
Context Int Cycle	Scale text up	None	Ctrl Numpad +
Context Int Cycle	Scale text down	None	Ctrl Numpad -
Move Cursor	Move caret left	Console / Edit / Cursor to next Character	Left Arrow
Move Cursor	Move caret right	Console / Edit / Cursor to previous Character	Right Arrow
History Cycle	Move caret up	Console / Edit / History Cycle	Up Arrow
History Cycle	Move caret down	Console / Edit / History Cycle	Down Arrow
Delete	Delete next character	Console / Edit / Delete /	Delete
Delete	Delete previous character	Console / Edit / Delete / Previous Character	Backspace
Delete	Delete previous character	None	Shift Backspace
Delete	Delete next word	Console / Edit / Delete / Next Word	Ctrl Delete
Delete	Delete previous word	Previous Word	Ctrl Back Space
Clear Line	Clears the whole line	Console / Console / Clear Line	Shift Return
Clear Line	Clears the whole line	None	Shift Numpad Enter
Console Execute	Execute	Console / Console / Console Execute	Return
Console Execute	Execute	None	Numpad Enter
Console Auto complete	Auto complete	Console / Auto complete button in header	Ctrl Spacebar
Copy to Clipboard as script	Copy as script	Console / Console / Copy as script	Shift Ctrl C
Copy to Clipboard	Copy	Console / Console / Copy	Ctrl C
Paste from Clipboard	Paste	Console / Console / Paste	Ctrl V
Set Selection	Set caret	None	Left Mouse
Select word	Select whole word	None	dbl-Left Mouse
Insert	Insert	None	Ctrl Tab
Indent	Indents the line	Console / Console / Indent	Tab
Unindent	Unindents the line	Console / Console / Unindent	Shift Tab
Console Context Menu	Calls the right click menu under the mouse	None	dbl Right Mouse
Insert	Text Input		

## Clip

<b>Clip / Clip (Global)</b>			
User Preferences location	Function	Surface menu location	Hotkey
Solving	Solving Pie Menu	None	Shift S
Marker Settings	Marker Pie Menu	None	Shift E
Reconstruction	Reconstruction Pie Menu	None	Shift W
Tracking	Tracking Pie Menu	None	S
Open Clip	Open Clip	Clip / Clip / Open Clip	Alt O
Context Toggle	Toggle Toolbar	Clip / View / Tools	T
Context Toggle	Toggle Properties	Clip / View / Properties	Ctrl T

<b>Clip / Clip Editor</b>			
User Preferences location	Function	Surface menu location	Hotkey
Pan View	View Pan	None	Middle Mouse
Pan View	View Pan	None	Shift Middle Mouse
Pan View	View Pan	None	Mouse/Trackpad Pan
View Zoom	View Zoom	None	Ctrl Middle Mouse
View Zoom	View Zoom	None	Mouse/Trackpad Zoom
View Zoom	View Zoom	None	Ctrl Mouse/Trackpad Pan
Zoom In	View Zoom In	Clip Editor / View / View zoom in	Wheel In
Zoom Out	View Zoom Out	Clip Editor / View / View zoom in	Wheel Out
Zoom In	View Zoom In	None	Numpad +
Zoom Out	View Zoom Out	None	Numpad -
View Zoom Ratio	View Zoom Ratio 1:1	Clip / View /View Zoom Ratio 1:1	Numpad 1
Frame All	View All	Clip / View /View All	Home
Frame Fit	View Fit	Clip / View /View Fit	F
Frame Selected	View Selected	Clip / View /View Selected	Numpad 0
Frame All.	View All. N dof device for 3dConnexion	None	NDOF Fit
NDOF Pan/Zoom.	NDOF Pan/Zoom. N dof device for 3dConnexion	None	NDOF Motion
Jump to Frame	Jump to Frame.	None	Shift Ctrl Left Arrow
Jump to Frame	Jump to Frame.	None	Shift Ctrl Right Arrow
Jump to Frame	Jump to Frame.	None	Shift Alt Left Arrow
Jump to Frame	Jump to Frame.	None	Shift Alt Left Arrow
Change Frame	Change Frame	None	Left Mouse
Select	Select	None	Left Mouse
Select	Select	None	Shift Left Mouse
(De)select all	Select all	Clip / Select / (De)select all	A
Select None	Deselect all	Clip / Select /	Alt A
Select Inverse	Inverts the selection	Clip / Select / Inverse	Ctrl I
(De)select all	Deselect all	None	dbl-A
Box Select	Border Select	Clip / Select / Border Select	B
Circle Select	Circle Select	Clip / Select / Circle Select	G
Lasso Select	Lasso Select	None	Tweak Right Any
Lasso Select	Lasso Select	None	Tweak Right Any
Add Marker and Slide	Add Marker and Slide	None	Ctrl Left Mouse
Delete Marker	Delete Marker	Clip / Track / Delete Marker	Shift Delete
Slide Marker	Slide Marker	None	Left Mouse
Disable Markers	Disable Markers	None	Shift D
Delete Track	Delete Track	Clip / Track / Delete Track	Delete
Hide Tracks	Hide Selected	Clip / Track / Show/Hide / Hide Selected	H
Hide Tracks	Hide Unselected	Clip / Track / Show/Hide / Hide Unselected	Shift H
Hide Tracks Clear	Show Hidden	Clip / Track / Show/Hide / Show Hidden	Alt H

<b>Clip / Clip Editor</b>			
Side Plane Marker	Side Plane Marker	None	Left Mouse
Insert Keyframe	Insert Keyframe	Track Menu	I
Delete Keyframe	Delete Keyframe	Track Menu	Alt I
Move	Translate	Clip / Track / Transform / Translate	W
Move	Translate		Tweak Left Any
Resize	Resize	Clip / Track / Transform / Resize	R
Rotate	Rotate		E
Set 2D Cursor	Set 2 D Cursor	None	Alt Right Mouse
Copy Tracks	Copy Tracks	Clip / Track / Copy Tracks	Ctrl C
Paste Tracks	Paste Tracks	Clip / Track / Paste Tracks	Ctrl V
Context Menu	calls the right click menu under the mouse	None	dbl - Right Mouse

<b>Clip / Clip Graph Editor</b>			
	Function	Surface menu location	Hotkey
Change Frame	Change Frame	None	Right Mouse
Select	Select	None	Left Mouse
Select	Adds to selection	None	Shift Left Mouse
(De)select all Markers	Select all Markers	Select /	A
Select Markers None	Deselect all Markers	Select /	Alt A
Select Markers Inverse	Inverts Marker Selection	Select /	Ctrl I
(De)select all Markers	Deselect all Markers	None	dbl-A
Box Select	Box Select	Select /	B
Delete Curve	Delete Curve	Graph /	Delete
Delete Knot	Delete Knot	Graph /	Shift Delete
Frame All	View All	Clip / View / Home	Home
Frame All	View All. N dof device for 3dConnexion	None	NDOF Fit
Center Current Frame	Center Current Frame	Clip / View / Center Current Frame	Numpad 0
Context Toggle	Context Toggle	None	L
Clear Track Path	Clear Track Path	Graph /	Alt T
Clear Track Path	Clear Track Path	Graph /	Shift
Clear Track Path	Clear Track Path	Graph /	Shift Alt T
Disable Markers	Disable Markers	Graph /	Shift D
Translate	Translate	Graph /	W
Translate	Translate		Tweak Left Any
Resize	Resize	Graph /	R
Rotate	Rotate	Graph /	E

<b>Clip / Clip Dope sheet Editor</b>			
Name	Function	Surface menu location	Hotkey



## Clip / Clip Dope sheet Editor

Select Channel	Select Channel	None	Left Mouse
Frame All	View All	View /	Home
Frame All	View All. N dof device for 3dConnexion	Clip / View / Home	NDOF Fit

## Grease Pencil

### Grease Pencil / Grease Pencil(Global)

Name	Function	Surface menu location	Hotkey
Annotation Draw	Grease Pencil draw	None	D Left Mouse
Annotation Draw	Grease Pencil draw	None	Alt D Left Mouse
Annotation Draw	Grease Pencil draw	None	Shift Alt D Left Mouse
Annotation Draw	Grease Pencil draw	None	D Right Mouse
Insert Blank Frame	Add Blank Frame	Strokes /	D B
Delete All Active Frames			D Delete
Delete		Grease pencil menu	Delete

### Grease Pencil - Grease Pencil in Stroke edit mode

Name	Function	Surface menu location	Hotkey
Grease Pencil Interpolation	Grease Pencil Interpolation	Header Interpolate drop down box	Ctrl Alt E
Interpolate Sequence	Interpolate Sequence	Header Interpolate drop down box	Shift Ctrl E
Select		None	Left Mouse
(De)select all strokes	Select all	Select /	A
Select None	Deselect all	Select /	Alt A
Select Inverse	Inverts the current selection	Select /	Ctrl I
(De)select all strokes	Deselect all	None	dbl-A
Circle Select	Circle Select	Select /	G
Box Select	Box Select	Select /	B
Lasso select strokes	Lasso select strokes Event mapping	Select /	Tweak Right Any
Lasso select strokes	Lasso select strokes Event mapping	None	Tweak Right Any
Lasso select strokes	Lasso select strokes Event mapping	None	Tweak Right Any
Lasso select strokes	Lasso select strokes Event mapping	None	Tweak Right Any
Select	Adds the selection to the current selection	None	Shift Left Mouse
Select	Selects whole stroke	None	Alt Left Mouse
Select	Adds the selection to the current selection	None	Shift Alt Left Mouse
Select linked	Selects linked stroke	Select /	L
Select linked	Selects linked stroke	None	Ctrl L

<b>Grease Pencil - Grease Pencil in Stroke edit mode</b>			
Alternated		Select /	Shift L
Select Grouped	Selects Grouped stroke	Select / Grouped	Shift G
Select more	Expands the selection	Select /	Ctrl Numpad +
Select less	Reduces the selection	Select /	Ctrl Numpad -
Duplicate Strokes	Duplicates the currently selected stroke	Strokes /	Shift D
Delete	Calls the delete menu with further options	Strokes / Delete /	Delete
Dissolve	Delete selected points without splitting stroke	Strokes / Dissolve	Ctrl Delete
Delete all active Frames	Delete all active Frames	None	Shift Delete
Call Menu	Separate Menu	Strokes /	P
Join Strokes	Join Strokes	Strokes /	Ctrl J
Join Strokes	Join Strokes and copy	Strokes /	Shift Ctrl J
Copy	Copy strokes	Strokes /	Ctrl C
Paste	Paste strokes	Strokes /	Ctrl V
Show all layers	Show all layers	Strokes / Hide /	Alt H
Hide Layer(s)	Hide selected Grease pencil layer	Strokes / Hide /	H
Hide Layer(s)	Hide all Grease pencil layers	Strokes / Hide /	Shift H
Hide Selection		Strokes / Hide /	Ctrl H
Move Strokes to Layer	Move Strokes to Layer	Strokes / Move to Layer	M
Move	Move	None	Tweak Left Any
Mirror	Mirror	Strokes / Transform /	Ctrl M
Bend	Bend	Strokes / Transform /	Shift W
To Sphere	To Sphere	Strokes / Transform /	Shift Alt S
Shear		Strokes / Transform /	Shift Ctrl Alt S
Transform	Scales the current selected stroke section bigger or smaller	Strokes / Transform /	Alt S
Select Mode Toggle	Select only Points Mode	Header	X
Select Mode Toggle	Select all Stroke Points Mode	Header	C
Select Mode Toggle	Select all segments	Header	V
Call Menu	Calls the right click menu	None	dbl Right Mouse
Set Tool by Name	builtin.select_box	Tool shelf	B
Set Tool by Name	builtin.select_circle	Tool shelf	G
Set Tool by Name	builtin.move	Tool shelf	W
Set Tool by Name	builtin.rotate	Tool shelf	E
Set Tool by Name	builtin.scale	Tool shelf	R
Set Tool by Name	builtin.select	Tool shelf	D

<b>Grease Pencil / Grease Pencil Stroke Paint (Draw Brush)</b>			
Name	Function	Surface menu location	Hotkey
Grease Pencil Draw	Draw Freehand	None	Left Mouse
Grease Pencil Draw	Draw Freehand	None	Shift Left Mouse
Grease Pencil Draw	Draw straight lines	None	Alt Left Mouse
Grease Pencil Draw	Draw Poly Line	None	Shift Alt Left Mouse

<b>Grease Pencil / Grease Pencil Stroke Paint (Draw Brush)</b>			
Grease Pencil Draw	Eraser	None	Ctrl Left Mouse
Grease Pencil Draw	Guide tool related hotkey - sets the reference point (only in Cursor or Custom mode)	Grease Pencil Guide Panel	O
Grease Pencil Draw	Guide tool related hotkey - adjust guide angle by 15°, alt key 45°	Grease Pencil Guide Panel	J
Grease Pencil Draw	Guide tool related hotkey - adjust guide angle by 15°, alt key 45°	Grease Pencil Guide Panel	Alt J
Grease Pencil Draw	Guide tool related hotkey - adjust guide angle by 15°, alt key 45°	Grease Pencil Guide Panel	Shift J
Grease Pencil Draw	Guide tool related hotkey - ???	Grease Pencil Guide Panel	K
Grease Pencil Draw	Guide tool related hotkey - ???	Grease Pencil Guide Panel	Alt K
Grease Pencil Draw	Guide tool related hotkey - ???	Grease Pencil Guide Panel	Shift K
Grease Pencil Draw	Guide tool related hotkey - turn on Parallel Line guide	Grease Pencil Guide Panel	L
Grease Pencil Draw	Guide tool related hotkey - Use angle of last freehand stroke for Parallel mode	Grease Pencil Guide Panel	Alt L
Grease Pencil Draw	Guide tool related hotkey - turn on Parallel Line guide	Grease Pencil Guide Panel	Ctrl L
Grease Pencil Draw	Guide tool related hotkey - turn off guides	Grease Pencil Guide Panel	V
Grease Pencil Draw	Guide tool related hotkey - toggle between Circular & Radial mode or 90° in Parallel mode	Grease Pencil Guide Panel	M
Grease Pencil Draw	Guide tool related hotkey - turn on Circular guide then toggle between Circular and Radial	Tool Shelf	C
Grease Pencil Draw	Guide tool related hotkey - turn on Circular guide then toggle between Circular and Radial	Tool Shelf	Alt C
Grease Pencil Draw	Eraser	Tool Shelf	Eraser
Box Select	Box Select	Tool Shelf	B
Lasso Select Strokes	Lasso Select	Tool Shelf	Tweak Right Any

<b>Grease Pencil / Grease Pencil Stroke Paint (Fill)</b>			
Name	Function	Surface menu location	Hotkey
Grease Pencil Fill	Draw Freehand	Tool Shelf	Left Mouse
Grease Pencil Fill	Draw Freehand	Tool Shelf	Shift Left Mouse
Grease Pencil Draw	Draw Freehand	Tool Shelf	Ctrl Left Mouse
Grease Pencil Draw	Draw Freehand	Tool Shelf	Alt Left Mouse
Lasso Select Strokes	Lasso Select	Tool Shelf	Tweak Right Any

<b>Grease Pencil / Grease Pencil Stroke Paint (Erase)</b>			
Name	Function	Surface menu location	Hotkey
Grease Pencil Draw	Draw Freehand	Tool Shelf	Left Mouse
Grease Pencil Draw	Draw Freehand	Tool Shelf	Eraser
Box Select	Box Select	Tool Shelf	B
Lasso Select Strokes	Lasso Select	Tool Shelf	Tweak Right Any

## Grease Pencil / Grease Pencil Stroke Paint (Tint)

Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting with tint tool	Tool Shelf	Left Mouse
Stroke Vertex Paint	Draw Freehand	Tool Shelf	Ctrl Left Mouse

## Grease Pencil / Grease Pencil Stroke Paint Mode

Name	Function	Surface menu location	Hotkey
Radial Control	Radial Control - Brush strength	Tool Shelf	Shift F
Radial Control	Radial Control - Brush size	Tool Shelf	F
Radial Control	Radial Control - Eraser radius	Tool Shelf	Ctrl F
Draw Context Menu	calls the right click under the mouse	Tool Shelf	dbl - Right Mouse

## Grease Pencil / Grease Pencil Stroke Sculpt Mode

Name	Function	Surface menu location	Hotkey
(De)select All Strokes	All	Select /	A
Select None	None	Select /	Alt A
Select Inverse	Inverse	Select /	Ctrl I
(De)select All Strokes	None	None	dbl-A
Circle Select	Circle Select	Select /	G
Box Select	Box Select	Select /	B
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Select	Extend selection	None	Shift Left Mouse
Select	Entire Stroke	None	Alt Left Mouse
Select	Entire Stroke, extend selection	None	Shift Alt Left Mouse
Select More		Select /	Ctrl Numpad +
Select Less		Select /	Ctrl Numpad -
Stroke Sculpt		None	Left Mouse
Stroke Sculpt		None	Ctrl Left Mouse
Stroke Sculpt		None	Shift Left Mouse
Radial Control		Sculpt /	Shift F
Radial Control		Sculpt /	F
Context Toggle			Shift Q
Context Toggle			Shift Alt Q
Sculpt Context Menu	Calls the right click menu under the mouse	None	Double Right Mouse
Copy Strokes	Copies the stroke	None	Ctrl C
Animation	Calls the animation menu		I
Delete All Active Frames	Delete		Shift Delete

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Smooth)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Smooth brush	Tool shelf	Left Mouse
Stroke Sculpt	Smooth brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Smooth brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Thickness)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Thickness brush	Tool shelf	Left Mouse
Stroke Sculpt	Thickness brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Thickness brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Strength)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Strength brush	Tool shelf	Left Mouse
Stroke Sculpt	Strength brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Strength brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Grab)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Grab brush	Tool shelf	Left Mouse
Stroke Sculpt	Grab brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Grab brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Push)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Push brush	Tool shelf	Left Mouse
Stroke Sculpt	Push brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Push brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Twist)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Twist brush	Tool shelf	Left Mouse
Stroke Sculpt	Twist brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Twist brush	Tool Shelf	Shift Left Mouse

**Grease Pencil / Grease Pencil Stroke Sculpt Mode (Pinch)**

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Pinch brush	Tool shelf	Left Mouse
Stroke Sculpt	Pinch brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Pinch brush	Tool Shelf	Shift Left Mouse

## Grease Pencil / Grease Pencil Stroke Sculpt Mode (Clone)

Name	Function	Surface menu location	Hotkey
Stroke Sculpt	Clone brush	Tool shelf	Left Mouse
Stroke Sculpt	Clone brush	Tool Shelf	Ctrl Left Mouse
Stroke Sculpt	Clone brush	Tool Shelf	Shift Left Mouse

## Grease Pencil / Grease Pencil Stroke Weight Mode

Name	Function	Surface menu location	Hotkey
Radial Control		Weights menu	Shift F
Radial Control		Weights Menu	F
Context Toggle			Shift Q
Context Toggle			Shift Alt Q
Insert Blank Frame			Shift I
Delete All Active Frames	Delete		Shift Delete
Change active Layer			Y
Animation	Calls the animation menu		I
Weight Paint Context Menu	Calls the right click menu under the mouse		dbl Right Mouse

## Grease Pencil / Grease Pencil Stroke Weight (Draw)

Name	Function	Surface menu location	Hotkey
Weight painting	Weight brush	Tool shelf	Left Mouse

## Grease Pencil / Grease Pencil Stroke Vertex Mode

Name	Function	Surface menu location	Hotkey
(De)select All Strokes			A
(De)select All Strokes			Alt A
(De)select All Strokes			Ctrl I
(De)select All Strokes			dbl-A
Circle Select			G
Box Select			B
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Lasso Select Strokes			Tweak Right Any
Select			Shift Left Mouse
Select			Alt Left Mouse
Select			Shift Alt Left Mouse
Select Linked		Select menu	L
Select Linked		Select menu	Ctrl L
Alternated			Shift L
Select Grouped			Shift G
Select More			Ctrl Numpad +
Select Less			Ctrl Numpad -

<b>Grease Pencil / Grease Pencil Stroke Vertex Mode</b>			
Radial Control		Weights menu	Shift F
Radial Control		Weights Menu	F
Context Toggle			Shift Q
Context Toggle			Shift Alt Q
Set tool by name	builtin_brush.Draw	Tool Shelf	D
Insert blank Frame	Inserts a blank grease pencil frame		Shift I
Delete all active Frames	Deletes all active grease pencil frames		Shift Delete
Change Active Layer	Change active grease pencil layer		Y
Animation	Calls the animation menu under the mouse		I
Vertex Paint Context Menu	Calls the right click menu under the mouse		dbl - Right Mouse

<b>Grease Pencil / Grease Pencil Stroke Vertex (Draw)</b>			
Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting	Tool Shelf	Left Mouse
Stroke Vertex Paint	Vertex painting	Tool Shelf	Ctrl Left Mouse
Radial Control	Pen Strength		Shift F
Radial Control	Brush Strength		F

<b>Grease Pencil / Grease Pencil Stroke Vertex (Blur)</b>			
Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting	Tool Shelf	Left Mouse
Radial Control	Pen Strength		Shift F
Radial Control	Brush Strength		F

<b>Grease Pencil / Grease Pencil Stroke Vertex (Average)</b>			
Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting	Tool Shelf	Left Mouse
Stroke Vertex Paint	Vertex painting	Tool Shelf	Ctrl Left Mouse
Radial Control	Pen Strength		Shift F
Radial Control	Brush Strength		F

<b>Grease Pencil / Grease Pencil Stroke Vertex (Smear)</b>			
Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting	Tool Shelf	Left Mouse
Radial Control	Pen Strength		Shift F
Radial Control	Brush Strength		F

<b>Grease Pencil / Grease Pencil Stroke Vertex (Replace)</b>			
Name	Function	Surface menu location	Hotkey
Stroke Vertex Paint	Vertex painting	Tool Shelf	Left Mouse

## Grease Pencil / Grease Pencil Stroke Vertex (Replace)

Radial Control	Brush Strength		F
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## Mask Editing

### Mask Editing

Name	Function	Surface menu location	Hotkey
New Mask	New Mask	Image Editor / Header, Mask Drop down box	Alt N
Add Vertex and Slide	Add Vertex and Slide	None	Ctrl Left Mouse
Add Feather Vertex and Slide	Add Feather Vertex and Slide	None	Shift Ctrl Left Mouse
Delete	Delete	Image Editor / Mask / Delete	Delete
Select	Select	None	Left Mouse
Select	Select	None	Shift Left Mouse
(De)select all	(De)select all	Image Editor / Select / (De)Select all	A
Select None		Select menu	Alt A
Select Inverse	Invert Selection	Image Editor / Select / Inverse	Ctrl I
(De)select all		Image Editor / Select /	dbl-A
Select Linked all	Select Linked all	Image Editor / Select / Select Linked	Ctrl L
Select Linked	Select Linked	None	L
Select Linked	Select Linked	None	Shift L
Border Select	Border Select	Image Editor / Select / Border Select	B
Circle Select	Circle Select	Image Editor / Select / Circle Select	G
Lasso Select	Lasso Select	None	Tweak Right Any
Lasso Select	Lasso Select	None	Tweak Right Any
Select More	Select More	Image Editor / Select / Select More	Ctrl Numpad +
Select Less	Select Less	Image Editor / Select / Select Less	Ctrl Numpad -
Show hidden Layer	Show hidden Layer	Image Editor / Mask / Show / Hide	Alt H
Hide Layer	Hide selected Layer	Image Editor / Mask / Show / Hide	H
Hide Layer	Hide unselected Layer	Image Editor / Mask / Show / Hide	Shift H
Select	Select	None	Ctrl Left Mouse
Toggle Cyclic	Toggle Cyclic	Image Editor / Mask / Toggle Cyclic	Alt C
Slide Point	Slide Point	None	Left Mouse
Slide Spline Curvature	Slide Spline Curvature	None	Left Mouse
Set Handle Type	Set Handle Type	None	V
Recalc Normals	Recalc Normals	Image Editor / Mask / Recalc Normals	Shift N



<b>Mask Editing</b>			
Make Parent	Make Parent	Image Editor / Mask / Make Parent	Ctrl P
Clear Parent	Clear Parent	Image Editor / Mask / Clear Parent	Alt P
Insert Shape key	Insert Shape key	Image Editor / Mask / Animation	I
Clear Shape Key	Clear Shape Key	Image Editor / Mask / Animation	Alt I
Add Duplicate	Add Duplicate	Mask menu	Shift D
Copy Splines	Copy Splines	Image Editor / Mask / Copy Splines	Ctrl C
Paste Splines	Paste Splines	Image Editor / Mask / Paste Splines	Ctrl V
Move	Translate	Image Editor / Mask / Transform	W
Move	Translate	None	Tweak Left Any
Resize	Resize	Image Editor / Mask / Transform	R
Rotate	Rotate	Image Editor / Mask / Transform	E
Transform	Scale Feather	Image Editor / Mask / Transform	Alt S
Set 2D Cursor		None	Alt Right Mouse
Move		None	Tweak Right Any

## Frames

<b>Frames</b>			
Name	Function	Surface menu location	Hotkey
Frame Offset	Frame Offset	None	Left Arrow
Frame Offset	Frame Offset	None	Right Arrow
Jump to Endpoint		Timeline / Header / Play prop	Shift Right Arrow
Jump to Endpoint		Timeline / Header / Play prop	Shift Left Arrow
Jump to Keyframe	Jump to Keyframe	None	Up Arrow
Jump to Keyframe	Jump to Keyframe	None	Down Arrow
Jump to Keyframe	Jump to Keyframe	None	Media Last
Jump to Keyframe	Jump to Keyframe	None	Media First
Frame Offset	Frame Offset	None	Alt Wheel Down
Frame Offset	Frame Offset	None	Alt Wheel Up
Play Animation		Navi	Spacebar
Play Animation		None	Shift Ctrl Spacebar
Cancel Animation		None	Esc
Play Animation		None	Media Play/Pause
Cancel Animation	Cancel Animation	None	Media Stop

## Markers

<b>Markers</b>			
Name	Function	Surface menu location	Hotkey

<b>Markers</b>			
Move Time Marker	Move Time Marker	None	Tweak Left Any
Duplicate Time Marker	Duplicate Time Marker	Graph, Dope sheet, NLA Editor / Marker / Duplicate Marker	Shift D
Select Time Marker	Select Time Marker	None	Left Mouse
Markers /Select Time Marker	Select Time Marker	None	Shift Left Mouse
Select Time Marker	Select Time Marker	None	Ctrl Left Mouse
Select Time Marker	Select Time Marker	None	Shift Ctrl Left Mouse
Marker Box Select	Marker Border Select	Graph, Dope sheet, NLA Editor / Select / Border Select	B
(De)select all markers	(De)select all markers	Graph, Dope sheet, NLA Editor / Select / (De)select all	A
De)select all markers		Select /	Alt A
De)select all markers		Select /	Ctrl I
De)select all markers		None	dbl-A
Delete Markers	Delete Markers	Graph, Dope sheet, NLA Editor / Marker / Delete	Delete
Rename Marker		Marker /	Ctrl M
Move Time Marker	Move Time Marker	None	W
Bind Camera to Marker	Bind Camera to Marker	Graph, Dope sheet, NLA Editor / View / Bind Camera to Marker	Ctrl B

## Animation

### Animation

Name	Function	Surface menu location	Hotkey
Animation / Change Frame	Change Frame	None	Right Mouse

## Animation Channels

### Animation Channels

Name	Function	Surface menu location	Hotkey
Mouse Click on Channels	Mouse Click on Channels	None	Left Mouse
Mouse Click on Channels	Mouse Click on Channels	None	Shift Left Mouse
Mouse Click on Channels	Mouse Click on Channels	None	Shift Ctrl Left Mouse
Rename Channels	Rename Channels	None	Ctrl Left Mouse
Rename Channels	Rename Channels	None	double-Left Mouse
Set Channel Keyframes	Set Channel Keyframes	None	double-Left Mouse
Set Channel Keyframes	Set Channel Keyframes	None	Shift double-Left Mouse
Find Channels		Marker /	Ctrl F
Select All	Select All	/ Select / Select All	A
Select All		/ Select /	Alt A
Select All	Inverts Selection	/ Select / Invert Selection	Ctrl I

<b>Animation Channels</b>			
Select All		None	dbl-A
Box Select	Box Select	/ Select / Border Select	B
Box Select	Border Select	None	Tweak Left Any
Delete Channels	Delete Channels	/ Channel / Delete Channels	Delete
Expands Channels	Expands Channels	/ Channel / Expands Channels	Numpad +
Collapse Channels	Collapse Channels	/ Channel / Collapse Channels	Numpad -
Expands Channels	Expands Channels	/ Channel / Expands Channels	Ctrl Numpad +
Collapse Channels	Collapse Channels	/ Channel / Collapse Channels	Ctrl Numpad -
Move Channels	Move Channels	/ Channel / Move / To Top	Page Up
Move Channels	Move Channels	/ Channel / Move / Up	Page Down
Move Channels	Move Channels	/ Channel / Move / Down	Shift Page Up
Move Channels	Move Channels	/ Channel / Move / To Bottom	Shift Page Down
Dope Sheet Channel Context Menu	calls the right click menu under the mouse	None	dbl - Right Mouse

## View 3D Gesture Circle

<b>View 3D Gesture Circle</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Select	Select	None	Left Mouse
Deselect	Deselect	None	Shift Left Mouse
No Operation	No Operation	None	Left Mouse
Deselect	Deselect	None	Middle Mouse
No Operation	No Operation	None	Left Mouse
Subtract	Subtract	None	Wheel Up
Subtract	Subtract	None	Numpad -
Add	Add	None	Wheel Down
Add	Add	None	Numpad +
Size	Size	None	Mouse Trackpad/Pan

## Gesture Straight Line

<b>Gesture Straight Line</b>			
Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Begin	Begin	None	Left Mouse

## Gesture Straight Line

Select	Select	None	Left Mouse
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## Gesture Zoom Border

### Gesture Zoom Border

Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Begin	Begin	None	Left Mouse
In	In	None	Left Mouse
Begin	Begin	None	Middle Mouse
Out	Out	None	Middle Mouse

## Gesture Box

### Gesture Box

	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Select	Select	None	Right Mouse
Begin	Begin	None	Shift Left Mouse
Deselect	Deselect	None	Shift Left Mouse
Begin	Begin	None	Left Mouse
Select	Select	None	Left Mouse
Begin	Begin	None	Middle Mouse
Deselect	Deselect	None	Middle Mouse

## Standard Modal Map

### Standard Modal Map

Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Apply	Apply	None	Left Mouse
Apply	Apply	None	Return
Apply	Apply	None	Numpad Enter
Snap on	Snap on	None	Left Ctrl
Snap off	Snap off	None	Left Ctrl

## Transform Modal Map

Transform Modal Map			
Name	Function	Surface menu location	Hotkey
Confirm	Confirm	None	Left Mouse
Confirm	Confirm	None	Return
Confirm	Confirm	None	Numpad Enter
Cancel	Cancel	None	Right Mouse
Cancel	Cancel	None	Esc
X Axis			X
Y Axis			Y
Z Axis			Z
X Plane			Shift X
Y Plane			Shift Y
Z Plane			Shift Z
Clear Constraints			C
Move	Translate	None	W
Rotate	Rotate	None	E
Resize	Resize	None	R
Snap Toggle	Snap Toggle	None	Shift Tab
Snap Invert	Invert Snap On	None	Left Ctrl
Snap Invert (Off)	Invert Snap Off	None	Left Ctrl
Snap Invert	Invert Snap On	None	Right Ctrl
Snap Invert (Off)	Invert Snap Off	None	Right Ctrl
Add Snap Point	Add Snap Point	None	A
Remove last Snap Point	Remove last Snap Point	None	Alt A
Increase Proportional Influence	Increase Proportional Influence	None	Page Up
Decrease Proportional Influence	Decrease Proportional Influence	None	Page Down
Increase Proportional Influence	Increase Proportional Influence	None	Shift Page Up
Decrease Proportional Influence	Decrease Proportional Influence	None	Shift Page Down
Increase Proportional Influence	Increase Proportional Influence	None	Wheel Down
Decrease Proportional Influence	Decrease Proportional Influence	None	Wheel Up
Increase Proportional Influence	Increase Proportional Influence	None	Shift Wheel Down
Decrease Proportional Influence	Decrease Proportional Influence	None	Shift Wheel Up
	Adjust Proportional Influence	None	Mouse/Trackpad Pan
Select next Edge Slide Edge	Select next Edge Slide Edge	None	Alt Wheel Down
Select previous Edge Slide Edge	Select previous Edge Slide Edge	None	Alt Wheel Up
Increase Max AutoIK Chain Length	Increase Max AutoIK Chain Length	None	Shift Page Up
Decrease Max AutoIK Chain Length	Decrease Max AutoIK Chain Length	None	Shift Page Down
Increase Max AutoIK Chain Length	Increase Max AutoIK Chain Length	None	Shift Wheel Down
Decrease Max AutoIK Chain Length	Decrease Max AutoIK Chain Length	None	Shift Wheel Up

## Transform Modal Map

Toggle Direction for Node Auto-offset	Toggle Direction for Node Auto-offset	None	T
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## Eyedropper Modal Map

### Eyedropper Modal Map

Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Right Mouse
Confirm Sampling	Confirm Sampling	None	Return
Confirm Sampling	Confirm Sampling	None	Numpad Enter
Confirm Sampling	Confirm Sampling	None	Left Mouse
Start Sampling	Start Sampling	None	Left Mouse
Reset Sampling	Reset Sampling	None	Spacebar

## Eyedropper ColorBand Point Sampling Map

### Eyedropper ColorBand Point Sampling Map

Name	Function	Surface menu location	Hotkey
Cancel	Cancel	None	Esc
Cancel	Cancel	None	Back Space
Confirm Sampling	Confirm Sampling	None	Right Mouse
Confirm Sampling	Confirm Sampling	None	Return
Confirm Sampling	Confirm Sampling	None	Numpad Enter
Sample a point	Start Sampling	None	Left Mouse
Reset Sampling	Reset Sampling	None	Spacebar