



ANID

Advanced Network Design

*Making sense of your networks
Making business sense*

Tastaturkürzel
Shortcuts
UserManual

www.and-solution.com

User manual

Short cuts

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1 Navigation

[+]	Zoom larger	Standard mode, Positioning mode
[-]	Zoom smaller	Standard mode, Positioning mode
ALT+[-]	Zoom all	Standard mode, only number block
[Scroll down]	Change to next worksheet	Standard mode
[Scroll up]	Change to previous worksheet	Standard mode
CTRL+[Scroll down]	Zoom previous	Standard mode
CTRL+[Scroll up]	Zoom next	Standard mode
[S]	Leave worksheet (jump into upper worksheet)	Standard mode, sub-worksheet active
[S]	Open worksheet	Standard mode, marked worksheet object
[S]	Jump into upper worksheet, centre mouse on the corresponding worksheet connector	Standard mode, marked worksheet connector
[S]	Jump to the other end of the connection	Standard mode, marked end point of a connection object

2 Block functions

CTRL+[C]	Copy block to clipboard	Standard mode, marked block
CTRL+[Enter]	Copy block to clipboard	Standard mode, marked Block
CTRL+[X]	Copy block to clipboard and cut	Standard mode, marked block
SHIFT+[Delete]	Copy block to clipboard and cut	Standard mode, marked block
CTRL+[V]	Insert block from clipboard	Standard mode, block in clipboard
SHIFT+CTRL+[Enter]	Insert block from clipboard	Standard mode, block in clipboard
CTRL+[G]	Select all objects: Mark all object of the current work-sheet as a block	Standard mode
[S]	Save block	Standard mode, marked block
[K]	Load block	Standard mode

3 General

[B]	Move object	Standard mode, selected object
[N]	Select object	Standard mode, selected object
[E]	Delete object	Standard mode
[Delete]	Delete object	Standard mode
[Back key]	Show context menu	Standard mode, Positioning mode
[ESC]	Cancel positioning	Positioning mode
[CTRL]	Allows the creation of a copy of the object that is to be moved.	Positioning mode Move
[CTRL]	Allows insertion of new line point	Positioning mode 'Move line point'
[SHIFT]	Change selected object	Standard mode, selected object (Only with AND 3.2 compatible mode)
[TAB]	Select next selectable object	Standard mode, selected object (only by not-AND3.2 compatible mode)
SHIFT+[TAB]	Select previous selectable object	Standard mode, selected object (Only by not-AND3.2 compatible mode)
[TAB]	Change zoom level	Standard mode, selected object (only with AND 3.2 compatible mode)
[A]	Adjust angle: The angle of the object to be positioned is adjusted according to the selected objects.	Positioning mode, selected object
[0]	Set the angle of the object or cross-hair to 0°	Positioning mode
[R]	Turn des objects or cross-hair clockwise in steps of 90°	Positioning mode

SHIFT+[R]	Turn objects or cross-hair anti-clockwise in steps of 90°	Positioning mode
[D]	Turn objects or cross-hair clockwise in steps of 2°	Positioning mode
SHIFT+[D]	Turn objects or cross-hair anti-clockwise in steps of 2°	Positioning mode
[S]	Turn objects or cross-hair clockwise in steps von 0,5°	Positioning mode
SHIFT+[S]	Turn objects or cross-hair anti-clockwise in steps of 0.5°	Positioning mode
[F1]	Switch object snap 'end point'	Positioning mode
[F2]	Switch object snap 'middle point'	Positioning mode
[F3]	Switch object snap 'intersection point'	Positioning mode
[F4]	Switch object snap 'perpendicular point'	Positioning mode
[F5]	Switch object snap 'nearest point'	Positioning mode
[F8]	Switch object snap 'Orthogonal'	Positioning mode
[F11]	Switch object snap 'Snap background'	Positioning mode
ALT+[C]	Empty current worksheet	Standard mode
[F]	Property dialogue 'Show colour/Layer' for the selected object	Standard mode, selected object
[O]	Process location	Standard mode, selected object with location information
[G]	Switch mode 'Move/copy object group'	Positioning mode
[T]	Create labels	Standard mode, selected object that can have a label
[F3]	Insert standard worksheet	Standard mode
CTRL+[F3]	Insert NE4- worksheet	Standard mode
ALT+[F3]	Insert worksheet from library symbol	Standard mode
SHIFT+[F3]	Insert amplifier worksheet	Standard mode
SHIFT+CTRL+[F3]	Insert headend worksheet	Standard mode
[F4]	Insert cable duct/conduit	Standard mode
[F5]	Insert legend frame	Standard mode
CTRL+[F5]	Insert location rectangle	Standard mode
SHIFT+[F5]	Insert amplifier list	Standard mode
SHIFT+CTRL+[F5]	Insert headend frame	Standard mode
[F6]	Insert selection rectangle (solid)	Standard mode
CTRL+[F6]	Insert selection rectangle (dotted)	Standard mode
SHIFT+[F6]	Insert selection rectangle (dot-dashed)	Standard mode

SHIFT+CTRL+[F6]	Insert selection rectangle (dashed)	Standard mode
[F7]	Insert marking line (solid)	Standard mode
CTRL+[F7]	Marking line (dotted) insert	Standard mode
SHIFT+[F7]	Insert marking line (dot-dashed)	Standard mode
SHIFT+CTRL+[F7]	Insert marking line (dashed)	Standard mode
[F8]	Insert Text	Standard mode
[F9]	Insert large measurement point display	Standard mode
CTRL+[F9]	Insert large measurement point	Standard mode
SHIFT+[F9]	Insert small measurement point display	Standard mode
SHIFT+CTRL+[F9]	Insert small measurement point	Standard mode
SHIFT+[F10]	Insert worksheet entry	Standard mode
SHIFT+CTRL+[F10]	Insert alternative worksheet entry	Standard mode
SHIFT+[F11]	Insert GIS entry point	Standard mode
SHIFT+CTRL+[F11]	GIS scaling	Standard mode
SHIFT+[F11]	Insert worksheet exit insert	Standard mode
SHIFT+CTRL+[F11]	Insert alternative worksheet exit	Standard mode
[Space bar]	Simulates pressing mouse and releasing mouse	Standard mode, Positioning mode
[Left]	Simulates mouse movement to the left - rough	Standard mode, Positioning mode
ALT+[Left]	Simulates mouse movement - to the left - fine	Standard mode, Positioning mode
[Right]	Simulates mouse movement to the right - rough	Standard mode, Positioning mode
ALT+[Right]	Simulates mouse movement to the right - fine	Standard mode, Positioning mode
[Up]	Simulates mouse movement upwards - rough	Standard mode, Positioning mode
ALT+[Up]	Simulates mouse movement upwards-fine	Standard mode, Positioning mode

Shortcuts

General

[Down]	Simulates mouse movement downwards - rough	Standard mode, Positioning mode
ALT+[Down]	Simulates mouse movement downwards- fine	Standard mode, Positioning mode
CTRL+[Left]	Moves visible section in the window um half a windows width to the right	Standard mode, Positioning mode
CTRL+[Right]	Moves visible section in the window um half a windows width to the left	Standard mode, Positioning mode
CTRL+[Up]	Moves visible section in the window um half a windows height downwards	Standard mode, Positioning mode
CTRL+[Down]	Moves visible section in the window um half a windows height upwards	Standard mode, Positioning mode
[X]	Allows direct insertion of the desired X-coordinates	Positioning mode with active keyboard design aid
[Y]	Allows direct insertion of the desired Y-coordinates	Positioning mode with active keyboard design aid
[L]	Allows direct insertion der of the desired length	Positioning mode with active keyboard design aid
[F]	Allows direct insertion des of the desired angles	Positioning mode with active keyboard design aid
[P]	Allows direct switch of the option 'Relative to previous point'	Positioning mode with active keyboard design aid
[M]	Allows direct switch of the option "Relative to current mouse position'	Positioning mode with active keyboard design aid
[T]	Allows direct insertion der of the desired step	Positioning mode with active keyboard design aid

4 Processing specific objects

[A]	Pick up: If the selected object is marked at an end point it can be lengthened, otherwise a new line object of the same type can be drawn	Standard mode, line object marked
[A]	Pick up: A new trench or a new cable duct can be drawn	Standard mode, trench or cable duct marked
[A]	Generate worksheet: The symbol is transformed into a worksheet	Standard mode, symbol marked
[F]	"Catch object" switch mode	Positioning mode of a component with at least a connection on the component edge
[G]	Replace group	Standard mode, selected library object of a library group
[M]	Mount object	Standard mode, selected mounting object
[X]	Insert calculation object	Standard mode, selected component or selected calculation object
[H]	Detach – opposite to catch function. The object to be positioned is offered; the cable is connected. If the positioning is aborted then the object is deleted.	Standard mode, selected object that is connected to opposite lying connectors with two cables going in the same direction.
[Z]	Assign: connects the selected cable or all the connectable cables via the cable duct segment	Standard mode, selected cable at border of cable duct Kabel or marked cable duct
[L]	Release mapping: Removes the connections of the selected cables or cables connected via cable duct segment	Standard mode, selected using cable duct connected cable or marked cable duct
[P]	Adjust text size	Positioning mode of a text, text object marked
[1]	Decrease text size	Positioning mode of a text object

[2]	Increase text size	Positioning mode of a text object
[1]	Change to previous frame	Positioning mode of a library symbol with several symbol frames
[2]	Change to next frame	Positioning mode of a library symbol with several symbol frames
[P]	Reference measurement point	Standard mode, selected measurement point symbol
[S]	Close line	Standard mode, selected non-terminated line object that can be terminated
[T]	Switch mode "fill background" for the text object	Positioning mode of a text
[U]	Remove amplifiers from amplifier list	Standard mode, selected amplifier
[U]	Remove amplifiers in the block from amplifier list	Standard mode, marked Block containing amplifiers
[V]	Add amplifiers to amplifier list	Standard mode, selected amplifier
[V]	Add amplifiers in block to amplifier list	Standard mode, selected block containing amplifiers
[V]	Duplicate cables	Standard mode, selected cable
[#]	Create auto splice box	Standard mode, selected end of a optical fibre cable with more than one fibre
[<]	Expand/close an auto-splice box bundle	Standard mode, marked bundle point of an auto-splice box
ALT+CTRL+[V]	Insert OLE object as link from clipboard.	Standard mode, OLE object in clipboard
SHIFT+CTRL+[V]	Insert OLE object as link from clipboard.	Standard mode, OLE object in clipboard

5 Data

ALT+[L]	Edit library lists	Standard mode
ALT+[A]	Worksheet data: Dialogue of the worksheet data of current worksheet is shown	Standard mode
ALT+[Y]	Project data: Show project data dialogue	Standard mode
[,]	Data class properties	Object with meta data
[Enter]	Show object property dialogue	Standard mode, selected object
[Enter]	List all visible tiles at mouse point	[Only overview]: Standard mode
SHIFT+[Enter]	List all visible tiles	[Only overview]: Standard mode
ALT+[W]	Warning settings	Standard mode
ALT+[M]	List of measurement points	Standard mode
[I]	Component information	Standard mode, selected component
[P]	Connection information	Standard mode, selected component with at least one connection
[D]	Export exit/entry point	Standard mode, selected EEP/SPT/signal source with link to another project
[C]	Edit connector	Standard mode, selected component connection
ALT+[R]	Edit return path services	Standard mode
[\$]	Generate logic diagram	Standard mode
[!]	Logic diagram for network structure for signal source which supplies selected component	Standard mode, selected component connection

6 Printing

CTRL+[P]	Print file	Standard mode
[P]	Print block	Standard mode, selected block
CTRL+[A]	Reduce size of the scale of the print rectangle or a trench information frame	Positioning of a print rectangle or a trench information frame.
SHIFT+CTRL+[A]	Increase size of the scale of the print rectangle or a trench information frame	Positioning of a print rectangle or a trench information frame.
[<]	Reduce worksheet size of the print rectangle or a trench information frame	Positioning of a print rectangle or a trench information frame.
SHIFT+[<]	Increase worksheet size of the print rectangle or a trench information frame	Positioning of a print rectangle or a trench information frame.
[M]	Apartment footprint	Standard mode, selected location rectangle
CTRL+[W]	Switch mode 'Show/print line width '	Standard mode

7 Calculations

ALT+[N]	Network checks	Standard mode
[M]	Update measurement points	Standard mode
SHIFT+[V]	Adjust amplifiers	Standard mode
ALT+[V]	Adjust return path amplifiers	Standard mode
[R]	Calculate level	Standard mode, selected connection
CTRL+[B]	Calculate return path level	Standard mode, selected component or cable connection
[R]	Calculate optical power	Standard mode, selected optical connection
ALT+[P]	Calculate network performance	Standard mode
[Y]	Calculate CSO, CTB, C/N	Standard mode, selected component connection
[J]	Colour in signal path	Standard mode, selected component connection
[Q]	Colour in optical path	Standard mode, selected optical connection
[D]	Calculate return path: level window	Standard mode, selected outlet
[D]	Return path: distortion	Standard mode, selected entry of amplifier, splitter, or tap
CTRL+[R]	Return path: noise	Standard mode, selected entry of amplifier, splitter, or tap
CTRL+[I]	Return path: ingress	Standard mode, selected entry of amplifier, splitter, or tap
ALT+[F]	Check remote power	Standard mode
ALT+[O]	Check optical connections	Standard mode

8 Misc.

[F1]	Open help	Standard mode
CTRL+[N]	New file	Standard mode
CTRL+[O]	Open file	Standard mode
CTRL+[S]	Save file	Standard mode
CTRL+[F]	Show object search dialogue	Standard mode
ALT+[Q]	Shop search and replace dialogue	Standard mode
ALT+CTRL+[F]	Search library object: Symbol section switches to the tab "Search symbol"	Standard mode
ALT+[U]	NE4/in-building automatic	Standard mode
[H]	Import from measurement device	[Measurement device interface]: Standard mode, selected measurement point
[U]	Measurement device comparison	[Measurement device interface]: Standard mode, selected measurement point
CTRL+[J]	Open partner project	Standard mode, selected EEP/SPT/Signal source with link to an other project
CTRL+[T]	Show toolbar "keyboard design help"	Standard mode