Touch Gesture

## CORE GESTURES   Basic gestures for most touch commands

Tap

Briefly touch surface with fingertip

Double tap

Rapidly touch surface twice with fingertip

Drag
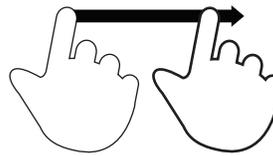
Move fingertip over surface without losing contact

Flick

Quickly brush surface with fingertip

Pinch
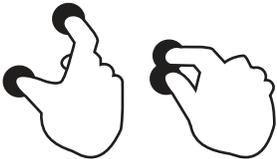
Touch surface with two fingers and bring them closer together

Spread
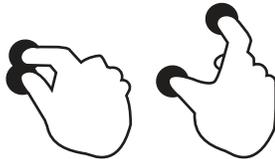
Touch surface with two fingers and move them apart

Press

Touch surface for extended period of time

Press and tap

Press surface with one finger and briefly touch surface with second finger

Press and drag

OR
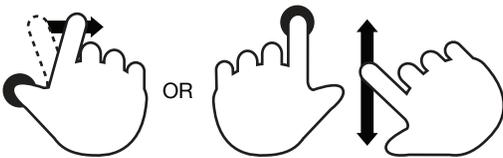
Press surface with one finger and move second finger over surface without losing contact

Rotate

OR   OR
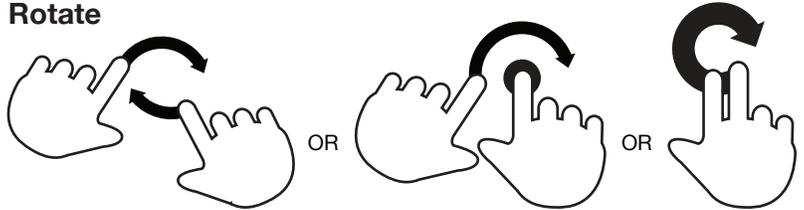
Touch surface with two fingers and move them in a clockwise or counterclockwise direction

Major User Actions
Currently supported by touch gesture systems

BASIC ACTIONS		
user action	gesture	description
Change mode	press	Touch surface for extended period of time
Open	double tap	Rapidly touch surface twice with fingertip
Select	tap	Briefly touch surface with fingertip

OBJECT-RELATED ACTIONS		
user action	gesture	description
Adjust	OR press and drag	Press surface with one finger and move second finger over surface without losing contact
	1 2 lasso and cross	Make circular motion with finger, then cross over selected object
Bundle	1 2 press and tap, then drag	Touch first object while second finger taps other objects, the move selected objects by dragging first finger
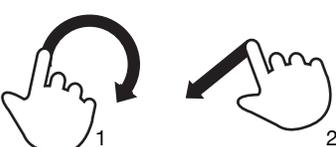
Supporting materials for this guide can be found online:
http://www.lukew.com/touch/

OBJECT-RELATED ACTIONS (continued)

user action	gesture	description
Delete	drag (across item or off-screen)	Move fingertip over surface without losing contact
Duplicate	tap (source and destination)	Touch object, then touch elsewhere on surface
Move	drag (and drop)	Move fingertip over surface without losing contact
	multi-finger drag	Move two to five fingertips over surface without losing contact
	flick	Quickly brush surface with fingertip
	press and tap	With one finger on object, touch elsewhere on surface with second finger
Rotate	rotate	

OBJECT-RELATED ACTIONS (continued)

user action	gesture		description
Scale down		pinch	Touch surface with two fingers and bring them closer together
		squeeze	Touch surface with five fingers and bring them closer together
Scale up		spread	Touch surface with two fingers and move them apart
		splay	Touch surface with five fingers and move them apart
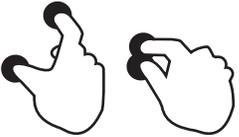
NAVIGATING ACTIONS

user action	gesture		description
Adjust view (rotate)	OR ... OR	rotate	
Adjust view (zoom out)		pinch	Touch surface with two fingers and bring them closer together
		double tap	Rapidly touch surface twice with fingertip
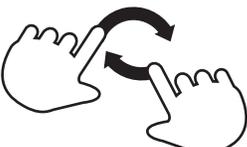
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NAVIGATING ACTIONS (continued)

user action	gesture		description
Adjust view (zoom in)		spread	Touch surface with two fingers and move them apart
		double tap	Rapidly touch surface twice with fingertip
Display commands		press	Touch surface for extended period of time
		press and tap	Press surface with one finger and briefly touch surface with second finger
		double tap	Rapidly touch surface twice with fingertip
		corner tap	Touch specific corner of surface with fingertip
Move through list		two-finger drag	Move to previous/next item in list
	OR OR	rotate	

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NAVIGATING ACTIONS (continued)
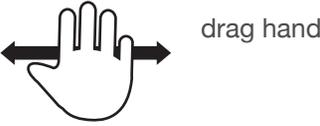
user action	gesture	description
Pan	drag hand	Move fingers and palm of one hand over surface without losing contact
Scroll	drag	Move fingertip over scrollbar without losing contact
	two-finger drag	Move two fingers up or down across surface
	press	Touch scrollbar for extended period of time
Scroll (fast)	flick	Quickly brush surface with fingertip in the direction you want to scroll
Scroll (fast)	tap	Briefly touch surface with fingertip when a scroll is in progress
Scrub	drag	Move fingertip over scrollbar without losing contact
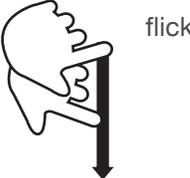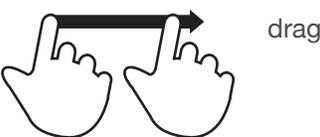
DRAWING ACTIONS

user action	gesture
Accept	Draw a checkmark on surface with fingertip
Cut	Draw a slash on surface with fingertip
Get help	Draw a question mark on surface with fingertip
Reject	Draw an "X" on surface with fingertip
Undo	Scratch out area on surface with fingertip