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## ANDROID KEYSTROKES AND GESTURES

### HOW TO TAKE A SCREENSHOT

Press the Power + Volume Down button **OR** use the camera key on your external keyboard (if your external keyboard has a button).

### ANDROID KEYSTROKES WITHOUT TALKBACK ENABLED

Keystroke	Description
Alt+Up arrow	Moves to the beginning of a text field or top of list box
Alt+down arrow	Moves to end of a text field or bottom of list box
Tab	Moves to the next interactive control in the focus order.
Up	Move to the control above the current control
Down	Move to the control below the current control
Left	Move to the control to the left of the current control
Right	Move to the control to the right of the current control
Enter	Activates the current control
Crtl+X	Cut
Crtl+C	Copy
Crtl+v	Paste
Shift+arrows	Selects text

## ANDROID KEYSTROKES **WITH** TALKBACK ENABLED

Keystroke	Description
Alt + Shift + g	Open global context menu
Alt + Shift + L	Open local context menu:
Alt + Shift + z	Pause or resume TalkBack
Alt + Shift + Right Arrow	Move to next item
Alt + Shift + Left Arrow	Move to previous item
Alt + Control + Enter	Read from top
Alt + Shift + Up Arrow	Move to first item
Alt + Shift + Down Arrow	Move to last item
Alt + Shift + Enter	Activates the current control
Alt + Shift + h	Goes to home screen
Delete	Deletes text
Alt + Shift + Backspace	Back
Tab	Moves to the next interactive control in the focus order.
Shift+Tab	Moves to the previous interactive control in the focus order.

Keystroke	Description
Alt + Shift + Control + Right Arrow	Move to next word
Alt + Shift + Control + Left Arrow	Move to previous word
Alt + Shift+ Right Arrow	Move to next character
Alt + Shift+ Left Arrow	Move to previous character
Crtl+X	Cut
Crl+C	Copy
Crtl+v	Paste
Shift+Arrows/Ctrl+A	Selects text

## TALKBACK GESTURES

Gesture	Description
Drag one finger	Explore the screen and hear audible feedback for what is being touched.
Drag two fingers on text input field (when blue arrow is shown)	To move character by character
Two fingers press and hold on screen	Long press to open additional menus such as Copy/Paste/Cut/Select All/Assist
Double-tap anywhere on the screen	Open or activate the item last touched.

Gesture	Description
Swipe Up or Down using two fingers	Scroll lists and pages.
Swipe Left or Right using two fingers	Change pages and screens.
Swipe Right (or Down) using one finger	Move to the next item
Swipe Left (or Up) using one finger	Move to the previous item.
Swipe Down then Up using a single motion	Transition to the next reading level when reading blocks of text, then swipe right to read forward or left to read backward.
Swipe Up then Down using a single motion	Transition to the previous reading level when reading blocks of text, then swipe right to read forward or left to read backward.
Swipe Right then Left using a single motion	Move to the next piece of information.
Swipe Left then Right using a single motion	Move to the previous piece of information.
Swipe Up then Right	Open local context menu
Swipe Up then Left	Home button
Swipe Down then Right	Open global context menu
Swipe Down then Left	Back button
Swipe Right then Down	Open notifications
Swipe Left then Up	Recent apps button

Gesture	Description
On lock screen, press and hold two fingers until a sound plays	Turn on TalkBack from lock screen

### MAGNIFICATION GESTURES

Gesture	Description
Triple tap single finger, hold, and move finger on screen	Temporarily magnify the screen – release to de-magnify
Triple tap single finger	Magnify screen
Pinch in/out	Change magnification level

#### ADDITIONAL GESTURE AND KEYBOARD COMMAND RESOURCES FOR ANDROID:

*Explore by Touch* Tutorial (within Android Accessibility Settings)

List of all gesture and keyboard commands:

<https://support.google.com/accessibility/android#topic=6007234>

#### DEVELOPER RESOURCES:

<https://developer.android.com/guide/topics/ui/accessibility/index.html>