

# Accessibility Help - TalkBack

## Turn On TalkBack

TalkBack provides spoken and touch feedback to help you use your phone without looking at the screen. It is helpful for people who are blind and have low vision.

1. Go to "Settings > Accessibility > TalkBack".
2. Toggle on "Use TalkBack".
3. When TalkBack is on, the contents on the screen are grouped and outlined within a focus box, and the device reads out loud the content in the focus box, giving you audio cues about what the icon, the button, the word is.
4. Likely, you can navigate on the device through gestures, but with TalkBack gestures.

## Use TalkBack gestures

When TalkBack is on, there are many single-finger and multi-finger gestures helping you navigate on and interact with the screen.

## Lock and unlock your device

You are able to lock and unlock your device by the following ways:

- Lock: press the side power button.
- Unlock:
  - If you have password or pin for your device, 2-finger swipe up from the bottom of the lock screen, or double-tap the unlock button at the bottom middle of the lock screen, then enter the password or pin.
  - If you have pattern for your device, 2-finger swipe up from the bottom of the lock screen, or double-tap the unlock button at the bottom middle of the lock screen, then draw the pattern.
  - If you set up Face Unlock, press side power button to wake your device, and then hold your phone in portrait orientation and glance at it to unlock.
  - If you set up Fingerprint Unlock, press side power button to use fingerprint.

## Navigate the screen

Actions	Single-finger gestures	Multi-finger gestures
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Select the specific item on the current screen	Tap	
Move the focus box to an item quickly	Drag the finger across the screen until the box is on the item	
Move the focus box to the next item	Swipe right	
Move the focus box to the previous item	Swipe left	
Scroll up and down the page		2-finger scroll up and down

## Navigate to the specific system interface

Actions	Single-finger gestures	Multi-finger gestures
Back to Home screen	Swipe up then left	2-finger swipe up from the bottom of the screen
Move between pages of Home screen		2-finger swipe right/left on Home page
Back to previous page	Swipe down then left	2-finger swipe inward from the left or right edge of the screen
Check recent apps	Swipe left then up	2-finger swipe up from the bottom of the screen and hold
Show notifications	Swipe right then down	2-finger swipe down from the top of the screen
Dismiss notifications	Swipe up then left	2-finger swipe up from the bottom of the screen
Show quick setting panel		While notifications show, 2-finger swipe down
Dismiss quick setting panel		While notifications show, 2-finger swipe up
Activate screen search	Swipe left then down	
Show TalkBack menu	Swipe down then right	Tap the screen with 3 fingers

Show TalkBack tutorial		4-finger double tap
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## Take Action on the Items

Actions	Single-finger gestures	Multi-finger gestures
Activate/Deactivate	Double-tap (default)	
Move up slider (Volume slider, brightness slider, and size slider...)		2-finger drag up, or right then left
Move down slider (Volume slider, brightness slider, or size slider...)		2-finger drag down, or left then right
Long press the focused item	Double-tap and hold	
Start or end text selection mode		2-finger double tap and hold
Copy selected text		3-finger double tap
While in selection mode, cut text		3-finger double tap and hold
Paste selected text		3-finger triple tap
Play or pause the media		2-finger double tap
Answer or hang up a call		2-finger double tap
Open the braille keyboard	Open the regular keyboard, then tap the keyboard icon and double tap to choose braille keyboard.	

## Customize TalkBack

You can go to "Settings > Accessibility > TalkBack > Settings" to manage various detailed settings of TalkBack, including text-to-speech output, gestures, braille keyboard and so on. Below are the lists that show what settings you can manage for TalkBack.

# Audio

Setting	Description	Detailed settings	Description
Text-to-speech output	Text-to-speech output helps convert text input as audio playing aloud.	Engine	Different engines provide different unique audio sounds and supported languages. Your device's default engine is Google's text-to-speech engine. You can also download other third-party text-to-speech engines from the Google Play Store.
		Language	This is the language the system uses to speak the items on your screen. You can choose your preferred language.
		Speech rate	To choose your preferred speech rate, drag the slider to speed up or slow down.
		Pitch	To choose your preferred pitch, drag the slider to adjust to higher or lower.
Verbosity	The detailed settings of voice feedback.	Custom	You can fully adjust various voice preferences and manage detailed settings for voice feedback in this mode. For example, you can choose whether to allow the system to speak usage hints after describing content, container info, element type, etc.
		High	In this mode, TalkBack automatically turns on more detailed voice feedback preference settings.
		Low	In this mode, TalkBack automatically turns off some voice feedback preferences to make the speech relatively concise. For example, only reading out the

			currently selected text or button name, and omitting some additional descriptive information.
Sound and vibration	The detailed settings of sound and vibration feedback.	Accessibility volume	Volume of the TalkBack speaks, drag the slider to adjust.
		TalkBack speech rate	Choose your preferred speech rate, drag the slider to speed up or slow down.
		Sound feedback	
		Sound feedback volume	
		Audio ducking	Lower volume of other audio playing when TalkBack speaks.
		Vibration feedback	Provide additional vibration feedback when you interact with the device in some ways.

## Controls

Setting	Description	Detailed settings	Description
Customize focus	Change the color of focus box.	Choose from 7 colors	
Customize gestures	Change the function of TalkBack gestures.	1-finger or multi-finger gestures	You can check existing gestures here, and change the functions of the gestures to meet your personal device use preferences.
Customize menus	Add or remove items from the TalkBack menu and reading controls.	TalkBack menu	With swiping down then right, or tapping the screen with 3 fingers, you can open TalkBack menu and take various actions on your device by choosing from the menu. You can add or remove items from the TalkBack menu, according to your preferences.

		Reading control menu	With swipe up then down, or down then up, you can set up the ways the system reads. For example, when you choose to read by headings, the focus jumps between headings for reading, or when choose to read by paragraph, the system reads one paragraph at a time. You can add or remove items from the reading control menu, according to your preferences.
Braille keyboard	Manage TalkBack braille keyboard settings.	Set up	Set up your braille keyboard so that you can use it.
		Gestures	You can review how to use gestures with the TalkBack braille keyboard.
		Languages	You can add or remove languages used with braille keyboard.
		Preferred typing language	You can switch preferred typing language.
Cover proximity sensor to stop speech	If your device has a proximity sensor, you can silence TalkBack by waving your finger on the proximity sensor. To restart TalkBack, you can touch the screen again.	On, off	
Tutorial and help	Open the TalkBack tutorial, practice gestures and get help.		
Advanced settings	Manage other advanced and detailed settings for TalkBack.	Speak passwords	You can manage whether to let the system speak your passwords.
		Custom labels	
		Single-tap to activate	With this feature on, you can activate the focused item with

	a single tapping instead of the default double tapping.
Element description order	You can set up the rules for TalkBack to describe elements on the screen so that you can more clearly understand the structure and relationships of the screen content. For example, elements can be described in the order of their layout.
Time format	12 hour, or 24 hour.
Reduce window announcement delay	When a new window appears on the screen or the window status changes, TalkBack has a certain delay in making voice announcements. This feature can shorten this delay time, allowing you to obtain information in the window more quickly and improving use efficiency.
Typing preference	Typing preference: <ul style="list-style-type: none"> <li>• Hold finger to select any key, then double-tap.</li> <li>• Hold finger to select letter key, then lift. Double-tap for other keys.</li> <li>• Hold finger to select any key, then lift.</li> </ul>
Touch and hold delay when typing	When typing text, there are usually some long-press tapping actions. For instance, long pressing a letter key to bring up options for the uppercase and lowercase of that letter. If this delay is set to be relatively long, you need to press the key for a longer time to trigger the corresponding special function.

## Keyboard shortcuts

When connecting a Bluetooth or USB keyboard, you can control TalkBack through keyboard shortcuts. You can set or change the keyboard shortcuts for TalkBack [here](#).