

needs.

For example, you can change the weather units in the Weather card or your transportation mode in the Traffic card.

1. From the Home screen, tap , and then find and tap **Google**.
2. Do any of the following:
 - To change the settings of a specific card, tap  and then tap an action.
 - To change specific information such as your work address, sports teams, or stocks you follow, tap , and then tap **Customize Google Now**. Choose the information you want to change.

Setting reminders in Google Now

Creating reminders in Google Now is an easy way to keep tab of things to do.

You can set time or location-based reminders. When the reminder time is up or when you've arrived at the specified location, Google Now displays the Reminder card in the Google search screen and sounds a notification to alert you.



This feature may not be available in all languages.

1. From the Home screen, tap , and then find and tap **Google**.
2. Tap , and then tap **Reminders**.
3. Tap .
4. Enter the reminder title, such as the task you want to be reminded of.
5. Select **Time** to set a time-based reminder or **Place** to set a location-based reminder.
6. Set the reminder time or location details.
7. Tap .

When the reminder time is due or when you've arrived at the location, the Reminder card will appear in the Google search screen. You can then dismiss or snooze the reminder.

Turning off Google Now

1. From the Home screen, tap  > **Settings** > **Google**.
2. Tap **Search & Now** > **Now cards**.
3. Tap the switch next to **Show cards**, and then tap **Turn off**.

Now on Tap

Use Now on Tap to search information while viewing emails and websites, listening to music, or even while exchanging text messages.

Now on Tap lets you look for information about the screen you're on so you don't have to leave the app. Just press and hold  and Now on Tap shows you related information, apps, and actions.



This feature may not be available in all languages.

Turning on Now on Tap



- Before turning on Now on Tap: Make sure that you're signed in to your Google Account and have set up Google Now. See [Setting up Google Now](#) for details.
- Turn location services on and make sure that you have an Internet connection.

1. From the Home screen, tap , and then find and tap **Google**.
2. Tap > **Settings** > **Now cards**.
3. Tap **Now on Tap**, and then tap **Turn on**.

Searching with Now on Tap

1. On the current app you're in, press and hold . Now on Tap analyzes the screen and shows a card with information, apps, or actions related to the searched item or location.
2. Tap an item on the card to view more information or perform an action. You can also say, "**OK, Google**" and say what you want to know about the searched item or location. For example, if Now on Tap searched for a restaurant, you can say "**OK, Google. Take me to that restaurant**" to get directions to that location.
3. To hide the information cards and return to the screen, press .

Turning off Now on Tap

1. From the Home screen, tap > **Settings** > **Google**.
2. Tap **Search & Now** > **Now cards**.
3. Tap the switch next to **Now on Tap**.

Google Search

Searching HTC Desire 650 and the Web

You can search for information on HTC Desire 650 and on the Web.

In the Google Search app, start your search by entering a keyword or by using GoogleVoice Search™.

To open Google Search, from the Home screen, tap , and then find and tap **Google**. Or tap the Google search bar widget when available.



Some apps, such as People or Mail, have their own search function, which you can use to search only within those apps.

Performing searches on the Web and HTC Desire 650

1. From the Home screen, tap , and then find and tap **Google**.

If you've already set up a Google account on HTC Desire 650, you will be given the option to sign in to Google Now.

2. In the search box, enter what you want to search for. As you type, matching items on HTC Desire 650 and suggestions from Google web search are shown.
3. If what you're searching for is in the list of suggestions, tap the item to search for it or open it in its compatible app.



You can also filter web search results by tapping any of the categories on the filter bar at the bottom of the screen.

Searching the Web with your voice

Use GoogleVoice Search to find information on the Web by speaking to HTC Desire 650.



This feature may not be available in all languages.

1. From the Home screen, tap , and then find and tap **Google**.
2. Say "OK, Google," and then say what you want to search for. After speaking, matching items from Google web search are shown.
3. If what you're searching for is in the list, tap the item to open it in its compatible app. Otherwise, say "OK, Google" to search again.

Setting search options

1. From the Home screen, tap  > **Settings** > **Google**.
2. Tap **Search & Now**.
3. Tap the search option you want to set.

To get help or provide feedback, tap .

Google apps

Google apps

Count on the suite of Google apps on HTC Desire 650 to help you get productive, surf the Internet, be entertained, and more.

Gmail

Gmail™ lets you send and receive email from your Google Accounts or from other email accounts—all in one convenient app.

Google Chrome

Use Google Chrome™ to surf the Internet, search the Web, and bookmark your favorite websites.

Google Drive

Store your photos, documents, and other files on Google Drive to access them on HTC Desire 650, your computer, and your other mobile devices. In addition to the default storage that you get from Google Drive, you may be eligible to receive additional online storage for free. Sign in to your Google Account on HTC Desire 650—and not from your computer or other non-HTC phones—to claim this offer.

Google Maps

Google Maps lets you track your current location, view real-time traffic situations, and receive detailed directions to your destination.

It also provides a search tool where you can locate places of interest or an address on a map, or view locations at street level.

Google Play Music

Google Play Music lets you create your own music library, play your favorite tracks, and purchase the latest albums or songs from thousands of artists around the world.

YouTube

Share your videos or check out the latest video sensations using the YouTube app.

Other apps

Clock

Using the Clock

Get more from the Clock app than just the regular date and time.

Use HTC Desire 650 as a world clock to see the date and time in cities across the globe.

You can also set alarms or track your time using the stopwatch or timer.

Setting an alarm

You can set up one or more alarms.

1. From the Home screen, tap , and then find and tap **Clock**.
2. On the Alarms tab, select the check box of an alarm and then tap that alarm.
3. Under Set alarm, use the scroll wheels to set the alarm time.
4. If you want the alarm for multiple days, tap **Repeat**.
5. Tap **Done**.



- To turn off an alarm, clear the check box of that alarm.
- If you need to set more than three alarms, tap **+**.

Setting the date and time manually

1. From the Home screen, tap , and then find and tap **Clock**.
2. On the World Clock tab, tap  > **Local time settings**.
3. Clear **Automatic date & time** and **Automatic time zone**, and then set the time zone, date, and time as required.



- To display military time, choose the **Use 24-hour format** option.

Weather

Checking Weather

Use the Weather app and widget to check the current weather and weather forecasts for the next few days.

In addition to your current location, you can view weather forecasts for other cities around the globe.

1. From the Home screen, tap , and then find and tap **Weather**. You'll see the weather for different cities, including where you are.
2. Tap a city to view weather information.
3. Swipe to the Hourly and Forecast tabs to view the forecast in your selected location.
4. To check the weather in other cities, tap , and then select the city you want.
5. To add more cities, tap  and then enter the location.
6. To change the temperature scale, update schedule, and more, tap  > **Settings**.

Your settings in the Weather app also control the weather information that is shown in the Clock and Calendar.

Voice recorder

Recording voice clips

Use Voice Recorder to capture information during lectures, interviews, or even to create your own audio log.

1. From the Home screen, tap , and then find and tap **Voice Recorder**.
2. Hold the microphone near the sound source.
3. Tap  to start recording a voice clip.



Voice Recorder can run in the background while you do other things on HTC Desire 650, except when you open other apps that also use audio functions.

4. Tap  to stop recording.

To play back the voice clip, tap .



To see your recorded voice clips, tap . Press and hold a voice clip to see options for sharing, setting it as a ringtone, and more.

FM Radio

Listening to FM Radio

Listen to your favorite radio stations using the FM Radio app.



You need to connect a headset first to the audio jack of HTC Desire 650 to use FM Radio. FM Radio uses the stereo headset as the FM radio antenna.

1. From the Home screen, tap , and then find and tap **FM Radio**.
2. Tap .

The first time you open FM Radio, it scans for local FM stations that you can listen to.

3. While you're listening to an FM station, you can:

- Tap  or  to go to the next or previous station.
 - Drag the slider to tune in to a frequency on the FM band. To fine tune the radio frequency, tap  or .
 - Tap  to mark a radio station as a favorite. To see your other favorites and preset stations, tap .
4. To turn off FM Radio, tap .

Internet connections

Turning the data connection on or off

Turning your data connection off saves battery life and money on data charges.



You need a 4G/LTE plan to use your operator's 4G/LTE network for voice calls and data services. Check with your operator for details.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap the Mobile data On/Off switch to turn the data connection on and off.



If you don't have the data connection turned on and you're also not connected to a Wi-Fi network, you won't receive automatic updates to your email, social network accounts, and other synced information.

Managing your data usage

If you're on a limited data allowance, it's important to keep track of the activities and apps that usually send and receive data, such as browsing the web, syncing online accounts, and sending email or sharing status updates.

Here are some other examples:

- Streaming web videos and music
- Playing online games
- Downloading apps, maps, and files
- Refreshing apps to update info and feeds
- Uploading and backing up your files to your online storage account
- Using HTC Desire 650 as a Wi-Fi hotspot
- Sharing your mobile data connection by USB tethering

To help you save on data usage, connect to a Wi-Fi network whenever possible and set your online accounts and emails to sync less frequently.

Turning data roaming on or off

Connect to your mobile operator's partner networks and access data services when you're out of your mobile operator's coverage area.



Using data services while roaming may be costly. Check with your mobile operator for data roaming rates before you use data roaming.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap **Mobile data**.

3. Select or clear the **Data roaming** option.

Keeping track of your data usage

Monitor your data usage to help prevent going over your monthly data allowance.



Data usage measured by HTC Desire 650 may differ from, and be less than, your actual data usage.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Under Wireless & Networks, tap **More > Data usage**.
3. Select **Limit mobile data usage** and tap **OK** to automatically disable your data connection when you reach the set limit.
4. Drag the upper LIMIT line to set your monthly data limit.
5. Select **Alert me about data usage**, and then drag the lower ALERT line to set an alert before you reach your monthly data limit.
6. Tap **Reset data usage**, and then set the day of the month when your usage cycle resets. This date is usually the start of your monthly billing cycle.



If you're connecting HTC Desire 650 to another portable Wi-Fi hotspot, tap > **Mobile hotspots** to restrict background data from downloading that may incur extra data fees.

Viewing the data usage of apps

1. From the Home screen, tap , and then find and tap **Settings**.
2. Under Wireless & Networks, tap **More > Data usage**.
3. Scroll down the screen to see a list of apps and their data usage info.
4. Tap an app to see more details.

Wi-Fi connection

To use Wi-Fi, you need access to a wireless access point or "hotspot".



The availability and strength of a Wi-Fi signal varies depending on objects the Wi-Fi signal has to pass through (such as buildings or a wall between rooms).

Turning Wi-Fi on or off

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap the Wi-Fi On/Off switch to turn Wi-Fi on or off.
3. Tap **Wi-Fi** to see a list of detected wireless networks.



- To manually scan for Wi-Fi networks, tap > **Scan**.
- If the wireless network that you want is not listed, tap > **Add network** to manually add it.

Connecting to a Wi-Fi network

1. Turn Wi-Fi on, and check the list of detected Wi-Fi networks.

See [Turning Wi-Fi on or off](#).

2. Tap a Wi-Fi network you want to connect to.
3. If you selected a secured network, enter the network key or password.
4. Tap **Connect**. You'll see the Wi-Fi icon  in the status bar when connected.

Connecting to a Wi-Fi network via WPS

If you're using a Wi-Fi router with Wi-Fi Protected Setup (WPS), you can connect HTC Desire 650 easily.

1. Turn Wi-Fi on, and check the list of detected Wi-Fi networks.

See [Turning Wi-Fi on or off](#).

2. Tap  > **WPS Push**, and then press the WPS button on your Wi-Fi router.



To use the Wi-Fi Protected Setup (WPS) PIN method, tap  > **WPS Pin Entry**.

Logging into a public Wi-Fi network automatically (WISPr)

You can set HTC Desire 650 to automatically log into a public Wi-Fi network that you regularly use.

This saves you the trouble of going through the Wi-Fi provider's web authentication every time you connect to their Wi-Fi network. Just add your login credentials to the WISPr (Wireless Internet Service Provider roaming) settings.



The access point of the Wi-Fi network needs to support the WISPr web portal. Consult the Wi-Fi provider for details.

1. From the Home screen, tap , and then find and tap **Settings**.
2. If Wi-Fi connection is off, tap the Wi-Fi On/Off switch to turn it on.
3. Tap **Wi-Fi**.
4. Tap  > **Advanced**.
5. Under WISPr settings, select **Auto login** and then tap **WISPr account settings** > **Add a new account**.
6. Enter the service provider name, your login name (the full domain name), and password.
7. Tap  > **Save**.
8. Connect to the public Wi-Fi network.



- If you have access to several public Wi-Fi networks, you can add up to five sets of login credentials to the WISPr accounts list.
- In the WISPr accounts list, press and hold an account to remove or edit it.

Connecting to VPN

Add virtual private networks (VPNs) so you can connect and access resources inside a local network, such as your corporate or home network.

Before you can connect HTC Desire 650 to your local network, you may be asked to:

- Install security certificates.
- Enter your login credentials.
- Download and install a required VPN app, if you're connecting to a secured enterprise network. Contact your network administrator for details.

Also, HTC Desire 650 must first establish a Wi-Fi or data connection before you can start a VPN connection.

Adding a VPN connection



You must first set a lock screen PIN, password, or pattern before you can use credential storage and set up the VPN.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Under Wireless & Networks, tap **More**.
3. Tap **VPN** >  > **Add VPN profile**.
4. Enter the VPN settings and set them up according to the security details your network administrator gave you.
5. Tap **Save**.

Connecting to a VPN

1. From the Home screen, tap , and then find and tap **Settings**.
2. Under Wireless & Networks, tap **More**.
3. Tap **VPN**.
4. Tap the VPN that you want to connect to.
5. Enter your log in credentials, and then tap **Connect**. When you're connected, the VPN connected icon  appears in the notification area of the status bar.

You can then open the web browser to access resources such as your corporate network intranet.

Disconnecting from a VPN

- In Settings, tap **More** > **VPN**. Tap the VPN connection, and then tap **Disconnect**.
- Slide the Notifications panel open. If you see the VPN notification, tap it, and then tap **Disconnect**.

Using HTC Desire 650 as a Wi-Fi hotspot

Share your data connection with other devices by turning HTC Desire 650 into a Wi-Fi hotspot.



- Make sure the data connection is turned on.
- You must have an approved data plan associated with your account from your mobile service provider to use this service. Devices connected to your Wi-Fi hotspot use data from your subscribed data plan.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Under Wireless & Networks, tap **More**.
3. Tap **Mobile network sharing > Portable Wi-Fi Hotspot**.

The first time you turn on the Wi-Fi hotspot, you'll need to set it up.

4. Enter a hotspot name or use the default.
5. Enter a password or use the default.

The password is the key other people need to enter on their device so they can connect and use HTC Desire 650 as a wireless router.

6. To help make your Wi-Fi hotspot more secure, tap  > **Advanced**.

Choose from the available settings, and then press .

7. Tap the Portable Wi-Fi Hotspot **On/Off** switch to turn it on.

HTC Desire 650 is ready to be used as a Wi-Fi hotspot when you see  on the status bar.



- To help minimize security risks, use the default security settings and set a strong and unique password.

Sharing your phone's Internet connection by USB tethering

No Internet connection available for your computer? No problem.

Use the data connection of HTC Desire 650 to connect to the Internet.



- To make sure that the USB drivers for HTC Desire 650 are up-to-date, install the latest version of HTC Sync Manager on your computer.
- You may need to have USB tethering added to your data plan, and it may incur additional cost. Contact your mobile service provider for details.
- Make sure that mobile data is turned on.

1. Connect HTC Desire 650 to your computer using the provided USB cable.
2. From the Home screen, tap , and then find and tap **Settings**.
3. Under Wireless & Networks, tap **More**.
4. Tap **Mobile network sharing > USB connection > USB tethering**.

Wireless sharing

HTC Connect

What is HTC Connect?

With HTC Connect, wirelessly stream music or video from HTC Desire 650 to your speakers or TV by just swiping up the screen with 3 fingers.

You can stream media to any of the following types of devices:

- Blackfire® compliant multi-room speakers
- Multi-room speakers that support the Qualcomm®AllPlay™ smart media platform
- DLNA® compatible speakers and TV
- Bluetooth speakers
- HTC certified consumer electronic devices or accessories that have the HTC Connect logo:



Some devices may need to be paired before you can share to them.

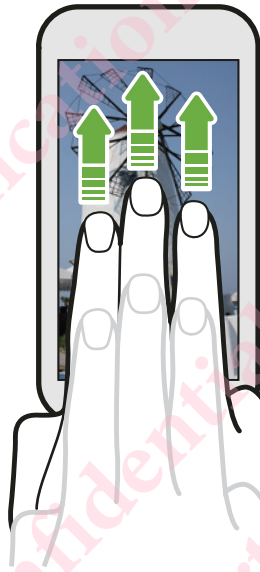
To see a list of supported devices or accessories, go to htc-connect.com/certified-devices.html. For more information about HTC Connect, see www.htc-connect.com.

Using HTC Connect to share your media

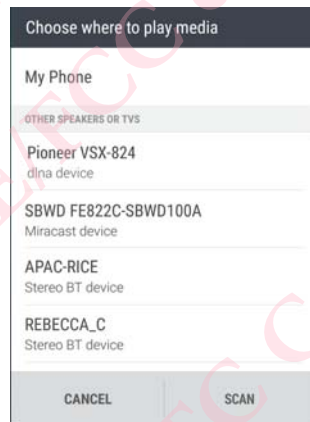
Before you start, make sure you have set up your speakers, TV, or appliance to connect to your Wi-Fi network.

Refer to its documentation on how to set it up.

1. Open and play any music or other media content that you want to share from HTC Desire 650.
2. Swipe up with three fingers on the screen.



3. Choose the device you want to connect to.



4. Once connected, use your phone to control the volume, pause or resume playback, and more.
5. To stop wireless media sharing and disconnect from the device, swipe down with three fingers on the screen.

Streaming music to Blackfire compliant speakers



Play music simultaneously to multiple Blackfire compliant speakers from HTC Desire 650.

Before you start, make sure your speakers are connected to your Wi-Fi network.

Refer to the documentation that comes with your speakers to set up and connect them to your Wi-Fi network.

1. After connecting your speakers to your Wi-Fi network, open a music app on HTC Desire 650.
2. Swipe up with three fingers on the screen.
HTC Desire 650 then turns Wi-Fi on automatically and scans for media devices on your Wi-Fi network. You'll see the available speakers listed.
3. Tap the speaker you want to connect to.
4. In the music app, start playing music. You'll then hear the music play from the speaker you've selected.
5. To switch between speakers or to group them, swipe up the screen again with three fingers.
 - To stream music to another speaker, just tap it.
 - To group speakers so that music plays through them at the same time, tap the **Group** button next to a speaker name, select the other speakers you want to group it with, and then tap **OK**.



Renaming the speakers

You can rename your Blackfire compliant speakers in Settings.

1. Make sure the speakers are connected to your Wi-Fi network.
2. From the Home screen, tap  > **Settings** > **HTC Connect**.
HTC Desire 650 then turns Wi-Fi on automatically and scans for media devices on your Wi-Fi network. You'll then see the available Blackfire speakers listed.
3. Tap  next to a speaker name.
4. Enter the new speaker name, and then tap **Done**.

Streaming music to speakers powered by the QualcommAllPlay smart media platform

Before you start, make sure your speakers are connected to your Wi-Fi network.

Refer to the documentation that comes with your speakers to set up and connect them to your Wi-Fi network.

1. After connecting your speakers to your Wi-Fi network, open a music app on HTC Desire 650.

2. Swipe up with three fingers on the screen.

HTC Desire 650 then turns Wi-Fi on automatically and scans for media devices on your Wi-Fi network. You'll then see the available speakers listed.

3. Tap the speaker you want to connect to.
4. In the music app that you're using, start playing music. You'll then hear the music play from the speaker you've selected.
5. To switch between speakers or to group them, swipe up the screen again with three fingers.
 - Just tap another speaker to stream music to it.
 - To group speakers so that music plays through them at the same time, tap the **Group** button next to a speaker name, select the other speakers you want to group it with, and then tap **OK**.



Bluetooth

Turning Bluetooth on or off

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap the Bluetooth **On/Off** switch to turn the Bluetooth connection on and off.
3. Tap **Bluetooth** to see a list of available devices.



Turn off Bluetooth when not in use to save battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

Connecting a Bluetooth headset

You can listen to music over a Bluetooth A2DP stereo headset, or have hands-free conversations using a compatible Bluetooth headset.



Before you connect your headset, make it discoverable so HTC Desire 650 can find it. Refer to your headset manual for details.

1. Turn Bluetooth on and check the list of available devices.

See [Turning Bluetooth on or off](#).

2. If you don't see your headset listed, tap **Scan for devices** to refresh the list.
3. Tap the name of your headset in the Available Devices section. HTC Desire 650 pairs with the headset and the headset connection status is displayed in the Paired Devices section.
4. If prompted to enter a passcode, try **0000** or **1234**, or consult the headset documentation to find the passcode.

When the Bluetooth headset is connected, you'll see  in the status bar.

Reconnecting a Bluetooth headset

Normally, you can easily reconnect your headset by switching on Bluetooth on HTC Desire 650, and then turning on the headset.

However, you might have to connect manually if your headset has been used with another Bluetooth device.

1. Turn Bluetooth on and check the list of paired devices.

See [Turning Bluetooth on or off](#).

2. Tap the headset's name in the Paired Devices section.
3. If prompted to enter a passcode, try **0000** or **1234**, or consult the headset documentation to find the passcode.

If you still cannot reconnect to the headset, follow the instructions in [Unpairing from a Bluetooth device](#), and then follow the steps under [Connecting a Bluetooth headset](#).

Unpairing from a Bluetooth device

1. Turn Bluetooth on and check the list of paired devices.

See [Turning Bluetooth on or off](#).

2. In the Paired devices section, tap  next to the device to unpair.
3. Tap **Unpair**.

Receiving files using Bluetooth

HTC Desire 650 lets you receive various files with Bluetooth, including photos, music tracks, contact info, calendar events, and documents such as PDFs.



Refer to the device's documentation for instructions on sending information over Bluetooth.

1. Turn Bluetooth on.

See [Turning Bluetooth on or off](#).

2. On the sending device, send one or more files to HTC Desire 650.
3. If asked, accept the pairing request on HTC Desire 650 and on the sending device. You may also be prompted to enter the same passcode or confirm the auto-generated passcode on both devices.

You'll then get a Bluetooth authorization request.

4. Tap **Pair**.
5. When HTC Desire 650 receives a file transfer request notification, slide the Notifications panel down, tap the incoming file notification, and then tap **Accept**.
6. When a file is transferred, a notification is displayed. Slide the Notifications panel down, and then tap the relevant notification to view the file.
7. You can also tap **⋮** > **Show received files** to view files received via Bluetooth.

Settings and security

Turning location services on or off

In order to find your location on HTC Desire 650, you need to enable location sources.

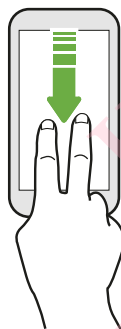
1. From the Home screen, tap  > **Settings** > **Location**.
2. Tap the **On/Off** switch to turn location services on and off.
3. Under Location sources, select the location mode you want. For example, for a better estimate of your location, choose **High accuracy**. To save battery power, choose **Battery saving**.

Turning off a location source (for example GPS) means no applications on HTC Desire 650 will collect your location data through that location source. However, third party applications may collect — and HTC Desire 650 may continue to provide — location data through other sources, including through Wi-Fi and signal triangulation.

Do not disturb mode

Use Do not disturb mode to reject calls, and silence audible alerts and notifications, but still keep a data connection available.

1. With two fingers, swipe down from the top of the screen to open Quick Settings.



2. Tap .
3. Tap **Total silence**, **Alarms only**, or **Priority only** depending on if you want to allow exceptions. When **Priority only** is selected, you can receive messages or calls from contacts in your exceptions list.
4. Tap **Until you turn this off** if you want to turn off Do not disturb by yourself or tap  or  to set the number of hours before Do not disturb turns off automatically.
5. Tap **Done** to activate it.

The Do not disturb icon  will appear in the status bar.



When the screen is on, press VOLUME and then tap **End now** to turn off Do not disturb mode quickly.

Allowing notifications and contacts to bypass Do not disturb mode

Add important contacts to an exceptions list so you can still receive their calls and messages even when Do not disturb mode is on.

1. From the Home screen, tap  > **Settings** > **Sound & notification**.
2. Tap **Do Not Disturb** > **Priority only allows**.
3. Tap the **On/Off** switch next to the items you wish to allow.
4. Tap **Messages from** or **Calls from** to select who can contact you.
5. Tap **Manage approved contacts**, and then tap **+** to add contacts to your exceptions list.

To remove contacts or numbers from the list, tap  > **Remove contacts**.

Setting a Do not disturb schedule

Schedule Do not disturb to turn on automatically and how long will it last.

For example, you can set it to turn on during a weekly meeting.

1. From the Home screen, tap  > **Settings** > **Sound & notification**.
2. Tap **Do Not Disturb** > **Schedules**.
3. Tap **+** **Add rule**.
4. Enter a name for the rule, and then select whether to base it on time or an event.

Time rule

- Set the days.
- Set the start and end times.

Event rule

- Select a Do not disturb level.
- Select a calendar you want to make the rule for.
- Set a condition for the type of reply.
- Select a Do not disturb level.



You can turn a schedule on or off by tapping the **On/Off** switch when viewing the details of the schedule.

Airplane mode

When you enable Airplane (Flight) mode, all wireless radios on HTC Desire 650 are turned off, including the call function, data services, Bluetooth, and Wi-Fi.

When you disable Airplane mode, the call function is turned back on and the previous state of Bluetooth and Wi-Fi is restored.



- You can manually turn Bluetooth and Wi-Fi back on after enabling Airplane mode.
- If USB tethering is turned on, enabling Airplane mode turns it off. You need to manually turn USB tethering on after you disable Airplane mode.

Do any of the following to turn Airplane mode on or off:

- Press and hold POWER, and then tap **Airplane mode**.
- With two fingers, swipe down from the status bar to open the Quick Settings panel. Tap the **Airplane mode** tile to turn airplane mode on or off.

When enabled, the Airplane mode icon  is displayed in the status bar.

Automatic screen rotation



Automatic rotation is not supported in all applications.

1. From the Home screen, tap  > **Settings** > **Display & gestures** or **Display, gestures & buttons**.
2. Select or clear the **Auto rotate screen** option to turn it on or off.

Setting when to turn off the screen

After a period of inactivity, the screen turns off to conserve battery power.

You can set the idle time before the screen turns off.

1. From the Home screen, tap  > **Settings** > **Display & gestures** or **Display, gestures & buttons**.
2. Tap **Screen timeout**, and then tap the time before the screen turns off.

Screen brightness

1. From the Home screen, tap  > **Settings** > **Display & gestures** or **Display, gestures & buttons**.
2. Tap **Brightness level**.
3. With the **Automatic brightness** option selected, drag the slider to set the maximum brightness level. This sets a limit on how bright the screen will be when **Automatic brightness** is selected.
4. To set the brightness manually, clear the **Automatic brightness** option, and then drag the brightness slider to the left to decrease or to the right to increase the screen brightness.

Touch sounds and vibration

Some people like the sound or vibration feedback they get when touching the screen,

and some don't.

You can turn on or off various types of touch sounds and vibration on HTC Desire 650.

- Touch tones when tapping the phone dial pad
- Touch sounds when tapping onscreen items
- Screen lock sounds
- Pull-to-refresh sounds
- Vibration when pressing hardware buttons
- Touch sound and vibration when tapping the HTC Sense keyboard

Turning touch sounds and vibration on and off

1. From the Home screen, tap  > **Settings** > **Sound & notification**.
2. Under System, select the option you want to turn on or off.

Turning off keyboard sounds and vibration

1. From the Home screen, tap  > **Settings** > **Language & keyboard**.
2. Tap **HTC Sense Input**.
3. Tap **Sound feedback** and then select **None** to turn off keyboard sounds.
4. Clear the **Vibration feedback** option to turn off keyboard vibration.

Changing the display language

Changing the language adjusts the keyboard layout, date and time formatting, and more.

1. From the Home screen, tap  > **Settings** > **Language & keyboard**.
2. Tap **Language**, and then choose the language you want to use.

Installing a digital certificate

Use client and Certificate Authority (CA) digital certificates to enable HTC Desire 650 to access VPN or secured Wi-Fi networks, and also to provide authentication to online secure servers.

You can get a certificate from your system administrator or download it from sites that require authentication.



- You must set a lock screen PIN or password before installing a digital certificate.
- Some apps such as your browser or email client let you install certificates directly in the app. See the app's help for details.

1. Save the certificate file in the root folder on HTC Desire 650.

2. From the Home screen, tap  > **Settings** > **Security**.
3. Do one of the following:
 - Tap **Install from storage** if your storage card is set up as removable storage.
 - Tap **Install from phone storage** if your storage card is formatted and set as internal storage.
4. Browse to the certificate and select it.
5. Enter a name for the certificate and select how it will be used.
6. Tap OK.

Disabling an app

Apps, even if not used often, may be running in the background and downloading data.

If an app cannot be uninstalled, you can disable it.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap **Apps**.
3. Tap the app, and then tap **Disable**.

Controlling app permissions

When you open apps the first time, you'll be prompted to grant them permissions to access certain data or features, such as contacts or the microphone.

This gives you more control over which apps have authorized access.

- If you suspect a certain app of being malicious or requesting unnecessary permissions, you should choose **Deny** to protect your phone.
 - If you choose **Deny** in a trusted app, you may not be able to use the app or access its full functionality. When this happens, go to Settings to change the app permissions.
1. From the Home screen, tap , and then find and tap **Settings**.
 2. Tap **Apps**.
 3. Tap the app you want to configure, and then tap **Permissions**.
 4. Choose which permissions you want to turn on.

Setting default apps

In Settings, you can choose default apps for web browsing, text messaging, and more.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap **Apps**.
3. Tap  > **Configure apps** > **Default apps**.

4. Choose your default assist and voice input, web browser, phone, and text messaging apps.

Setting up app links

If there's more than one app that can be opened when you tap a link—such as a shared social post or media link—you may be prompted to choose the app you want to use.

When you're prompted after you've tapped a link, select an app, and then tap **Always** to set that app as the default app to use.

You can also go to Settings to see how app links have been set up for different apps and change them.

1. From the Home screen, tap , and then find and tap **Settings**.
2. Tap **Apps**.
3. Tap  > **Configure apps** > **App links**.
4. Tap the app you want to configure, and then tap **Open supported links**.
5. Select **Open in this app** to always open the app without being prompted when you tap a link.

You can also choose whether to always be prompted to choose the app or never use the app for opening links.

Assigning a PIN to a nano SIM card

You can help to protect the nano SIM card by assigning a Personal Identification Number (PIN).



Make sure you have the default PIN provided by your mobile operator before continuing.

1. From the Home screen, tap  > **Settings** > **Security**.
2. Tap **Set up SIM card lock**.
3. Choose to lock the card, enter the default PIN of the card, and then tap **OK**.
4. To change the card PIN, tap **Change SIM PIN**.

Restoring a nano SIM card that has been locked out

If you enter the wrong PIN more times than the maximum number of attempts allowed, the card will become "PUK-locked."

You need a Pin Unlock Key (PUK) code to restore access to HTC Desire 650. Contact your mobile operator for this code.

1. On the Phone dialer screen, enter the PUK code, and then tap **Next**.
2. Enter the new PIN you want to use, and then tap **Next**.
3. Enter the new PIN again, and then tap **OK**.

Accessibility features

HTC Desire 650 comes with features and settings that allow easy access and use of apps and functions.

Improve screen readability

If you have low vision, take advantage of these features to help improve screen readability.

- Increase the font size, use color inversion, or enable high-contrast text using the Accessibility settings. See [Accessibility settings](#).
- Turn magnification gestures on. See [Turning Magnification gestures on or off](#).
- Turn on automatic screen rotation. See [Automatic screen rotation](#).

Get audible feedback when using the phone

Use TalkBack to hear audible feedback on what you do on your phone. See [Navigating HTC Desire 650 with TalkBack](#).

Use your voice

You can use your voice to perform an action on HTC Desire 650.

- Search for information on the Web using GoogleVoice Search. See [Searching the Web with your voice](#).
- Enter text with your voice. See [Entering text by speaking](#).

Accessibility settings

Use these settings to turn accessibility functions or services on or off. When you've downloaded and installed an accessibility tool, such as a screen reader that provides voice feedback, you can also control them using these settings.

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap or select the settings you want.

Turning Magnification gestures on or off

If you have low vision or would like to get a closer view of what's on the screen, use finger gestures to magnify portions of your phone's screen.

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap **Magnification gestures** and read the instructions on how to use it.
3. Tap the **On/Off** switch to turn Magnification gestures on or off.

Navigating HTC Desire 650 with TalkBack

Use TalkBack if you need to navigate HTC Desire 650 by spoken feedback.

When you touch the screen, HTC Desire 650 vibrates and gives you an audible response so you know what you are touching.

 Not all languages are supported.

Turning TalkBack on

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap **TalkBack**, and then tap the **On/Off** switch.
3. Read the TalkBack disclaimer and then tap **OK**.

A short tutorial explaining how to use TalkBack will begin playing after you turn on TalkBack.

 TalkBack works best if you turn off automatic screen rotation.

Turning Explore by touch on or off

Explore by touch allows HTC Desire 650 to respond to shortcut gestures and screen touches with audible feedback.

While Explore by touch is enabled when you turn on TalkBack, you can turn it off.

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap **TalkBack**, and then tap  > **Settings**.
3. Under Touch exploration, clear the **Explore by touch** option.

You will no longer hear audible feedback from HTC Desire 650.

Using TalkBack gestures

When TalkBack is turned on and the Explore by touch setting is selected, the regular touch gestures are replaced by the TalkBack gestures.

 Media gestures such as 3-finger swiping may not be available when TalkBack gestures are enabled.

Do one of the following:

Open an item	Drag your finger on the screen to find and select the item. Double-tap anywhere on the screen to open the item.
Move an item	Drag your finger on the screen to find the item. Double-tap anywhere on the screen, but don't lift your finger on the second tap. Drag the item to a new spot and then lift your finger.
Scroll through a screen	Use two fingers to swipe up, down, left or right.

Unlock the lock screen	Use two fingers to swipe up from the bottom of the screen.
Open the Notifications panel	Use two fingers to swipe down from the top of the screen.

Assigning TalkBack shortcuts

TalkBack has customizable gestures that can be used to open the Notifications panel, view recent apps, access TalkBack controls, and more.



The steps below are described using the regular gestures. Use the corresponding TalkBack gestures if you already have TalkBack turned on.

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap **TalkBack**, and then tap  > **Settings** > **Manage gestures**.
3. Tap any of the shortcut gestures, and then select an action.

Using TalkBack context menus

TalkBack has context menus for controlling continuous reading and global TalkBack controls.

These menus can be accessed using TalkBack shortcut gestures.

1. Turn TalkBack on.
2. Do one of the following:
 - To open the continuous reading menu, use one finger to swipe up and right in one continuous movement.
 - To open the global context menu, use one finger to swipe down and right in one continuous movement.



If you already changed the TalkBack shortcut gestures, check your TalkBack settings for the appropriate gesture.

3. Press and hold anywhere on the screen.
4. Drag your finger around the screen to explore the options.



To cancel an action, drag your finger to your starting position.

Changing the TalkBack reading speed



The steps below are described using the regular gestures. Use the corresponding TalkBack gestures if you already have TalkBack turned on.

1. From the Home screen, tap  > **Settings** > **Accessibility**.
2. Tap **Text-to-speech output** > **Speech rate**.
3. Select a speech rate.



You can test the speech rate by tapping **Listen to an example**.

TalkBack language settings

1. From the Home screen, tap  > Settings > Accessibility.
2. Tap Text-to-speech output > Google Text-to-speech Engine, and do one of the following:

Select a different language	Tap Language.
Install a voice	Tap Install voice data, and then tap the language. Tap  next to the voice data you want to install. When installation is completed, press  twice and tap Language.

3. Select the language you want to use.



Not all languages are supported.

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