

GOOGLE GLASS

QUICK START GUIDE

Put Glass on

NEXT: CONNECT YOUR GLASS

First, turn Glass on. Press the power button on the inside of Glass.

Power button

You'll notice the power LED will turn on and Glass will boot up.

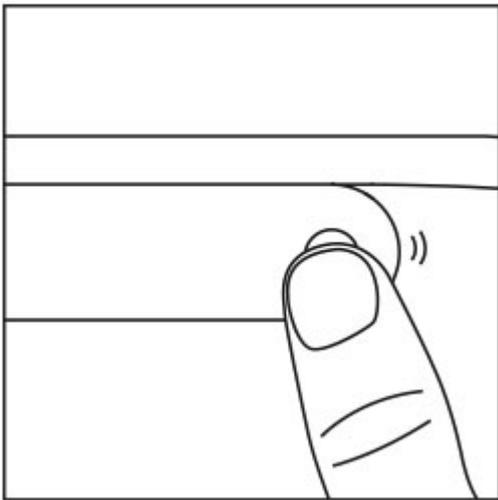


Fig 1

Let's see how it fits. You can adjust the fit of your Glass by modifying its nosepads.

The frame is surprisingly durable. Don't hesitate to bend it to fit your face.

Squeeze the nose stem to position the display above your eye and not in front of it.

Move the display hinge until you can see the whole screen.

Adjust the nosepads so they are flush with your skin.

After you're comfortable with your new Glass, look at the display and you'll notice the URL google.com/myglass on the screen. Before we move on to the good stuff, we'll need a computer to connect Glass to the Internet and your Google Account.

QUICK START GUIDE

Pairing Glass to your Bluetooth phone

For a great on-the-go Glass experience, it's essential to pair Glass to your phone or tablet. You'll need the MyGlass app from the Google Play Store to make full use of Glass's Bluetooth capabilities

On your Glass

Using Glass, from the home screen, swipe back repeatedly until you see the Settings card.

Tap the Settings card and then swipe forward until you see Bluetooth settings. Make sure it says "Now discoverable" before moving on to the steps below.

On your Android device start video

https://www.youtube.com/watch?v=JnUVTBDT8_o

Touch the menu at the top of the screen and select Glass Devices.

Select your Glass from the list.

Make sure the confirmation code on Glass and your Android device match. Confirm the Bluetooth pairing on both Glass and your Android device.

Your Glass and phone or tablet are now connected via Bluetooth. You'll be able to handle phone calls, receive email notifications and SMS messages sent to your phone, and get directions via Glass. If your mobile data plan supports tethering, Glass will use its Bluetooth data tethering connection when out of Wi-Fi range.

On your iOS device

To turn on Bluetooth on your iOS device and pair your Glass, follow the steps in Apple Support.

<http://support.apple.com/kb/HT1664>

All of the functionality of Glass is available via your iPhone's Bluetooth connection, with the exception of SMS. Turn-by-turn directions is available by downloading MyGlass from the App Store.

<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

If a Bluetooth connection fails, you may want to start a new connection from scratch. Try following the steps in this Apple Troubleshooting article.

<http://support.apple.com/kb/TS4562>

On other Bluetooth devices

While Glass should work with most Bluetooth-capable phones, for best results, we recommend using Glass with an Android or iPhone phone.

If Glass has a Bluetooth connection to your phone, but Bluetooth tethering is disabled or unsupported, you'll be able to make and receive calls, but Internet usage will be disabled outside of Wi-Fi range.

Next Steps

Setting up Glass

<https://support.google.com/glass/answer/3064121>

Learn about the Bluetooth settings card.

<https://support.google.com/glass/answer/3079852>

Using the MyGlass Android app.

<https://support.google.com/glass/answer/3068035>

Learn about tethering data through a mobile device

<https://support.google.com/glass/answer/3056780>

Connect your Glass

NEXT: HOME SCREEN

Visit [google.com/myglass](http://www.google.com/myglass) on your computer.

<http://www.google.com/myglass>

You'll need to sign in to your Google Account.

You'll be asked to read and accept the Terms of Service and set up a Wifi network for Glass. Follow the steps on screen and you'll get a QR code. Simply look at the QR code on the screen and tap the side of your device (the touchpad). This will get Glass set up on your Wifi network and sign you in to your account.

If you stick around the MyGlass site, you'll see you can add contacts

<https://support.google.com/glass/answer/3067709>

or turn on Glassware

<https://support.google.com/glass/answer/3064781>

for some extra functionality. You can always come back and do this later too.

If you're an Android owner, you can do many of the things the MyGlass site can do by running the MyGlass app. Download the app on the Google Play Store.

That's it! You can put away the computer for now. It's time to take Glass for a spin.

Home screen

NEXT: COMMON ACTIONS

The first thing you'll see when you activate Glass is the Home screen.

Home screen

Fig 2



This friendly screen tells you the time and gives you the magic words "ok glass." Say them aloud and see what happens.

Common actions

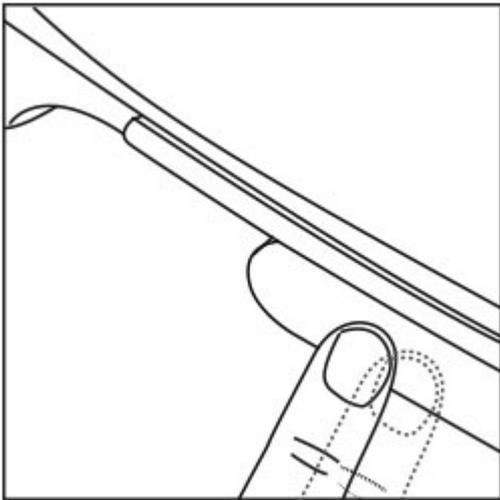
NEXT: CARDS AND BUNDLES

The flat area on Glass next to your right temple is called the touchpad and you will need it to navigate around the different cards on your Glass display. Here's how:

Activate the display and select actions by tapping the touchpad.

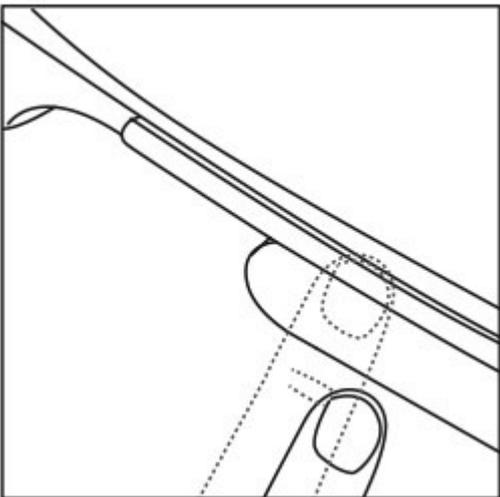
Navigate around Glass or swipe through menu options by sliding your finger forward or backward across the touchpad.

Fig 3



Pan by swiping on touchpad

Fig 4



To cancel or back out of certain actions, slide your finger from the top to the bottom of your touchpad.

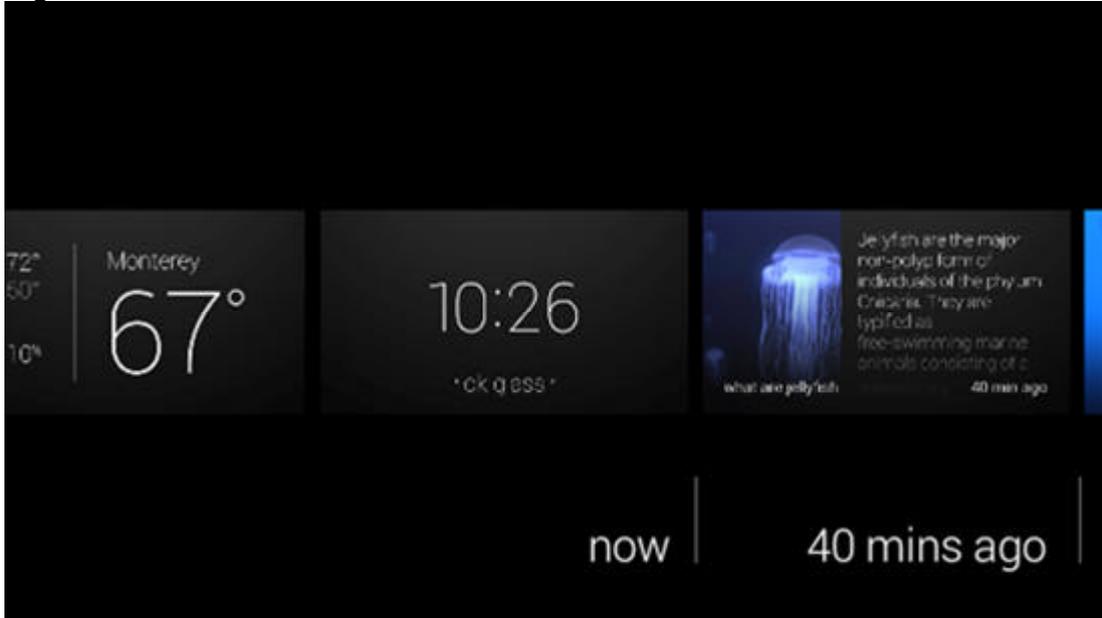
Swipe down on touchpad

NEXT: CARDS AND BUNDLES

Cards and bundles

Your timeline is where to go to see activity history, content, and other notifications. It helps to imagine that your timeline is a row of cards that wraps around your head.

Fig. 5



Timeline

Swipe forward on the touchpad and the cards to the right will cycle through your display. This is a history of the notifications and actions, like pictures or messages, you've seen on Glass.

Tap the touchpad to see actions, such as share or delete, related to that card. If a card has a folded corner, tap to view and slide through a bundle of related cards.

Swipe backward on the touchpad and you'll move to the left of your timeline. The left hand side of the Home screen contains timely and location-specific information, like the weather, and other cards Glass thinks you might be interested in.

You'll also find the Settings card all the way to the left of your timeline. Tap settings and you'll be able to customize and calibrate your device. For instance, try calibrating the Head Wake Up feature. This feature will automatically turn off Glass when you take it off, and turn it on when you put Glass on again. Swipe forward until you see the Head Wake Up card. Tap the card and select calibrate

Now you should be armed with all the basic knowledge you need to start using Glass.

Next steps:

Pair your Bluetooth phone or tablet to Glass

<https://support.google.com/glass/answer/3064189>

Enable Glassware

<https://support.google.com/glass/answer/3064781>

Configure Glass settings

<https://support.google.com/glass/topic/3079850>

Setting up Glass

To get up and running quickly with your new Glass, all you need is to sign in to your Google Account and connect to the Internet.

You'll need the MyGlass app or a browser on your desktop computer.

On Glass

Put Glass on, making sure it fits and the display is just above your eye. If this is your first time wearing Glass, follow these fitting tips until you are comfortable.

Turn on Glass using the power button. You'll see the Glass logo as it loads up. Now you'll be treated to a brief tutorial showing you the basics of how to use Glass. From there, you'll be asked to connect Glass with your phone.

From the MyGlass for Android app

VIDEO https://www.youtube.com/watch?v=JnUVTBDT8_o

When prompted from the Glass setup tutorial, choose Android from the Glass tutorial. The MyGlass app for Android allows you to set up your contacts
<https://support.google.com/glass/answer/3067709>

and add features through third-party Glassware
<https://support.google.com/glass/answer/3064781>

You also get to share a few of the phone's extra perks like turn-by-turn directions, SMS messaging, and screencast your Glass display to your phone.

Install the MyGlass Android app.

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

Read and accept the Terms and Conditions

You'll be shown a video and then asked to pair your phone.

Follow the steps and you're ready to explore your Glass.

After Glass is connected, use MyGlass to add contacts, turn on Glassware, and find out more about your new Glass.

From the MyGlass for iOS app

Video

<https://www.youtube.com/watch?v=-bRhJ2aBdS8>

When prompted from the Glass setup tutorial, choose Android from the Glass tutorial. The MyGlass app for Android allows you to set up your contacts
<https://support.google.com/glass/answer/3067709>

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You also get some extra perks like turn-by-turn directions and screencast your Glass display to your phone.

Install the MyGlass for iOS app.
<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

Read and accept the Terms and Conditions
You'll be shown a video and then asked to pair your phone.
After Glass is connected, use MyGlass to add contacts, turn on Glassware, and find out more about your new Glass.

From a computer with a browser
<https://www.youtube.com/watch?v=g3ncmeGaKN0>
Visit [google.com/myglass](https://glass.google.com/myglass) <https://glass.google.com/myglass>
from a browser and sign in with the Google Account you wish to use through Glass.
Read and accept the Terms and Conditions.
<https://www.google.com/glass/terms>

Enter the Wi-Fi network, wireless encryption method, and password
Click Add Network
Next, you'll see a black and white square QR code in your browser. While wearing Glass, you'll be asked to point Glass at the QR code. Tap to confirm and then align the square brackets so it fits the corners of the QR code. Your account and Wi-Fi network information should now be set up. Next, set up your data connection with your phone.
<https://support.google.com/glass/answer/3382009>

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Getting to know Glass
What you need to get started

Before jumping in, you'll need the following:

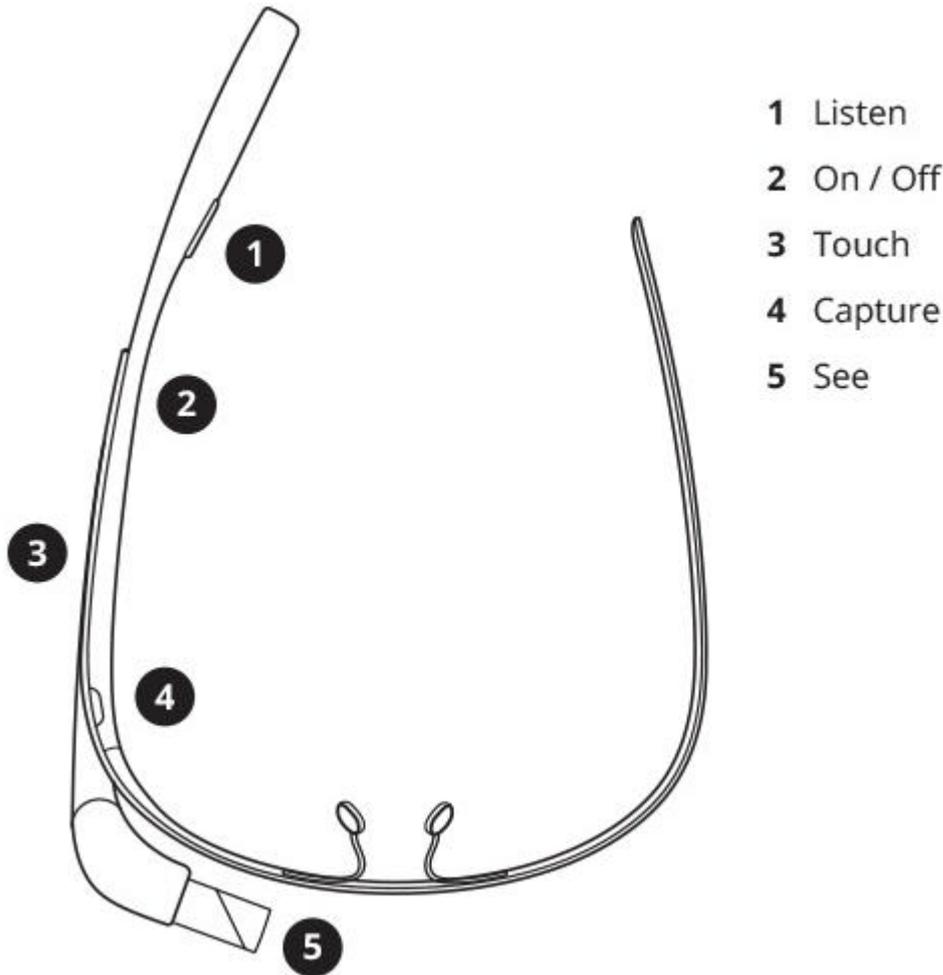
Glass
A Google Account with Google+ and Gmail.
A computer with browser (connected to the Internet) or the MyGlass app for Android.
<https://play.google.com/store/apps/details?id=com.google.glass.companion>

A phone or tablet with Bluetooth turned on.
Tying your Google Account to your Glass will let you view and use many of Google's products directly from your device.

Tethering and data charges

Tethering lets Glass share your phone or tablet's data plan when you're out of range of a Wifi signal. Depending on your data plan, charges to your account can be incurred and some carriers charge an additional service fee for tethering. We highly recommend contacting your service provider for more information before tethering your device.

Fig. 7



Listen

All audio comes from an oval speaker on the inside of the battery pod, just behind your ear. When flush to your head, you'll hear notifications, phone calls, and other sound from your device.

On / Off

The circular power button is on the inner enclosure close to your temple. Press down firmly to turn on and off the device. The power LED on the back of the enclosure lights up when Glass is starting up, charging, or powering down.

Touch

The side of Glass is a touchpad. Swipe forward and backward to navigate through your timeline. Swipe down to go back or return to the Home screen.

Capture

Press the camera button to take a picture. Hold it down to record a video.

See

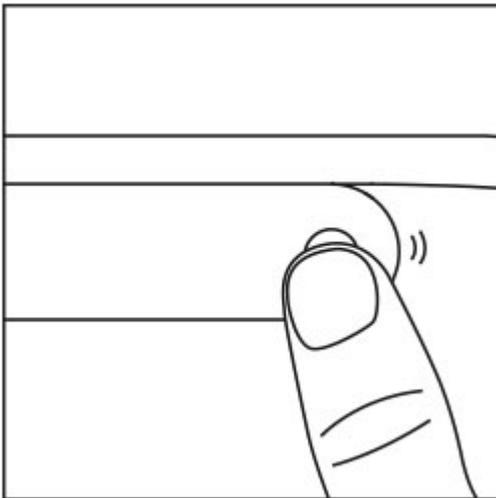
The plastic cube that enters you into the world of Glass. The display shows you a vast amount of information from the current time, to your emails, pictures, video clips, search results, and much more.

What's in the box?

Glass comes with the cables you need to charge your device, as well as a pouch to store Glass when you're not wearing it. Your box also includes a backup pair of nose pads and a pair in a larger size that you can switch out for a better fit.

===== Turning Glass on and off

Turn Glass on and off by pressing the round power button, located on the inner right side of the device.



Power button Turn Glass on

To turn Glass on, press the power button for a moment. The white power LED behind the button will turn on and remain lit while Glass starts up. Once Glass boots, the display turns on, and a rising chime will sound.

Put Glass in an inactive state

To put Glass in an inactive state, press the power button while Glass is on. The screen will turn off and you'll hear a tone. An inactive state means Glass is still on, but the touchpad will lock, Glass will stop receiving phone calls, and will stop playing notification chimes. You can set Glass to automatically go into an inactive state whenever you take it off by enabling On Head Detection from the Settings bundle.

Turn Glass off

To turn Glass off, press the power button for a few seconds until a falling chime sounds.

Turn on the display

After a period of inactivity, the display will turn off. Glass is still on and active, but the screen is off mostly to conserve battery. To turn the display back on, gently tap on the touchpad or tilt your head up.

Hard reset

If you ever need to fully power Glass down and restart the device: Hold the power button for 15 seconds. Then, press the power button for a few seconds to turn the device back on.

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Fitting Glass

Ensuring Glass fits you correctly is key to a comfortable and enjoyable Glass experience.

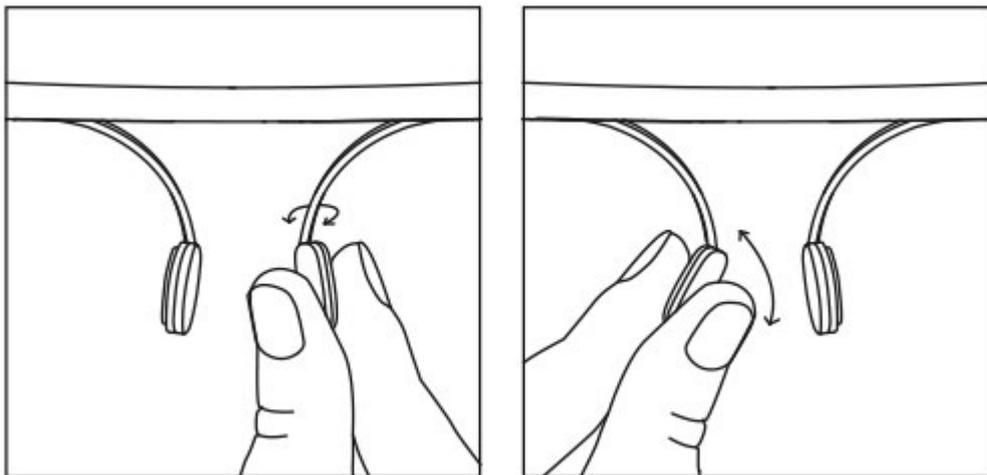
Here are a couple things to keep in mind when making sure Glass fits you well:

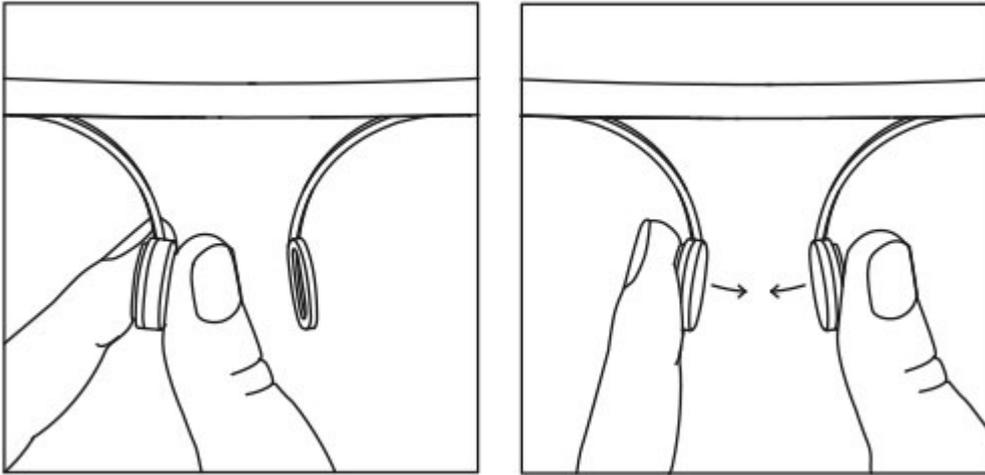
Position the display above your eye and not in front of eye

Use the hinge to swing display forward or backward until you're able to see everything on the screen

Adjust the nose pads so they are flush to your skin.

The frame is amazingly durable. It can be bent to fit any face.





Like when wearing new glasses, it may take some getting used to. Just like when you receive your first pair of prescription glasses, please ease into your use of Glass.

Attention

If you've had Lasik surgery, ask your doctor about risks of eye impact damage before using Glass. Don't let children under 13 use Glass as it could harm developing vision. Also, kids might break Glass or hurt themselves, and Google's terms of service don't permit those under 13 to register a Google account. If Glass is not for you and you wish to return it, do so before the end of the applicable refund period.

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Setting up Wi-Fi

You can set up a Wi-Fi connection for Glass through the MyGlass site <http://glass.google.com/myglass> on your computer, or using the MyGlass app on an Android device.

Connect to an open network using Glass

If the Wi-Fi network is open, or not secured with a password, you can connect directly to it via your Glass.

Swipe back on Glass until you see the Settings bundle.

Tap into the Settings bundle > Wi-Fi Settings.

Tap the available network > Join network.

Swipe through available open Wi-Fi networks (if there's more than one) and tap on the Wi-Fi network you'd like to join.

Connect to a protected Wi-Fi network

ATTENTION

Wi-Fi networks with captive portals

Some public Wi-Fi networks, like those in some airports and cafes, require an extra authentication step via a website before connecting to their network. Glass is not capable of properly displaying these websites at this time and does not currently support connection to these networks, or captive portals.

From MyGlass for ANDROID

Connecting to a Wi-Fi network is easiest with the MyGlass app. MyGlass will automatically add networks to your Glass that are already set up on your device.

To add a network connection, make sure you've connected Glass to your account through Setup.

From the MyGlass app:

Select Wi-Fi from the the MyGlass menu.

Select your wireless network from the list of nearby detected networks.

Enter your wireless network password and press OK.

Please note that these both Wi-Fi name and password fields are case-sensitive.

From MyGlass for iOS

VIDEO <https://www.youtube.com/watch?v=-bRhJ2aBdS8>

Connecting to a Wi-Fi network is easiest with the MyGlass for iOS app. MyGlass will automatically enter the name of the network your phone is connected to. If you're not connected to a network, you'll have to enter the name manually.

Make sure you've connected Glass to your account through Setup first. Setup may have already taken you through these steps. To add a new or different network connection, launch the MyGlass app.

Tap Add Wi-Fi Network from the the device info screen.

Select your wireless network from the list of nearby detected networks.

Enter your wireless network password and press OK.

Please note that these both Wi-Fi name and password fields are case-sensitive.

From MYGlass website

VIDEO <https://www.youtube.com/watch?v=g3ncmeGaKN0>

To set up your wireless network, you'll need the name of your network and your Wi-Fi password. If you don't have it on-hand, please consult your system administrator or whoever set up your network.

Click the My Wi-Fi networks card.

Type in your wireless network name and password. Please note that these fields are case-sensitive.

Click Generate code.

Hidden networks

Those with hidden networks can set up their networks on Glass by selecting Specify your encryption type from the Wi-Fi networks card.

Click the My Wi-Fi networks card.

Click Specify your encryption type from the bottom of the card.

Type in your wireless network name and password. Please note that these fields are case-sensitive.

Select the appropriate encryption from the drop-down menu and click Generate code.

Scan the QR code with Glass

You should see a QR code for use with your Glass. Next, use your Glass to follow the steps below.

Swipe back until you see the Settings bundle.

Tap into the Settings bundle. The first card in the bundle should be the Wi-Fi Settings card.

Tap the Wi-Fi Settings card and select Join network.

Swipe forward past available open networks (if any) and tap on the Add Wi-Fi network card.

Now pull up the previously generated QR code, and align the box on your Glass display with the QR code on the MyGlass site.

Tips for scanning the QR code

Some lighting conditions may make it more difficult to scan the QR code from various distances. For best results.

Make sure you are in a well lit area. The Glass camera may get interference in areas that are dimly lit.

Try to keep Glass and the QR code steady. Too much movement may cause motion blur.

Don't get too close to the QR code. About a foot or so in front of your face should do it.

Glass will automatically chime when it accepts your QR code. You should now be connected to your Wi-Fi network.

Next Steps

Pair Glass to your Bluetooth phone

<https://support.google.com/glass/answer/3064189>

Learn about the Bluetooth settings card.

<https://support.google.com/glass/answer/3079852>

Using the MyGlass Android app.

<https://support.google.com/glass/answer/3068035>

Learn about tethering data through a mobile device

<https://support.google.com/glass/answer/3056780>

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Using your Android's data connection

Glass works best when it's connected to the Internet. To get the most out of Glass when out of Wi-Fi range, you'll need to pair your phone via the MyGlass Android app.

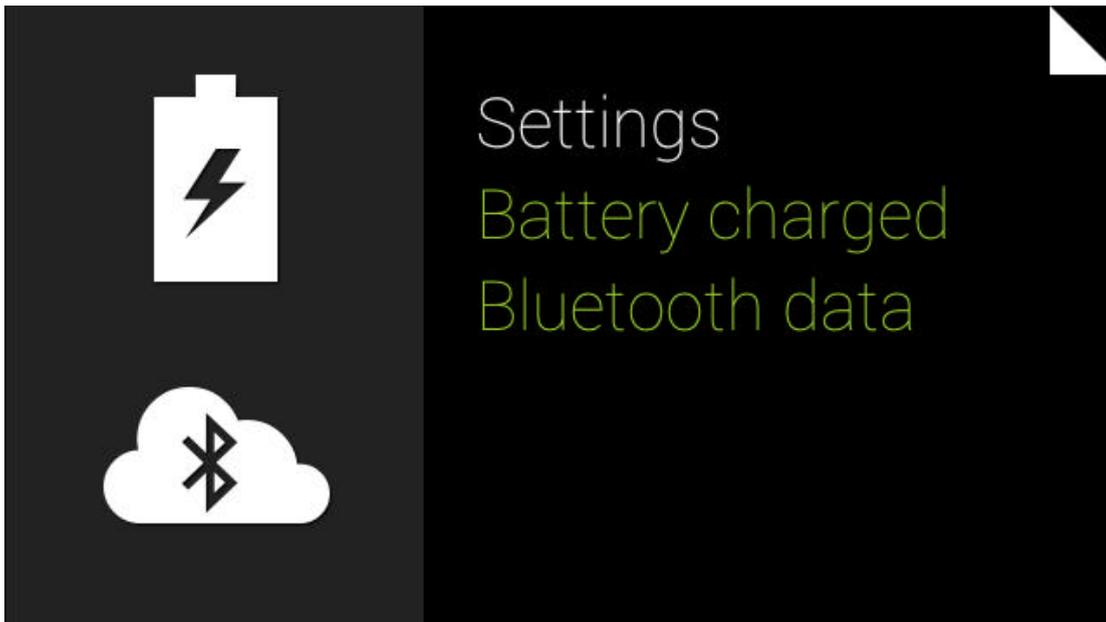
<https://play.google.com/store/apps/details?id=com.google.glass.companion>

To pair with Glass,

<https://support.google.com/glass/answer/3064189>

go to the Devices menu and select your Glass from the menu.

Fig. 10



The Settings bundle indicates whether Glass is using Bluetooth or Wi-Fi data for Internet.

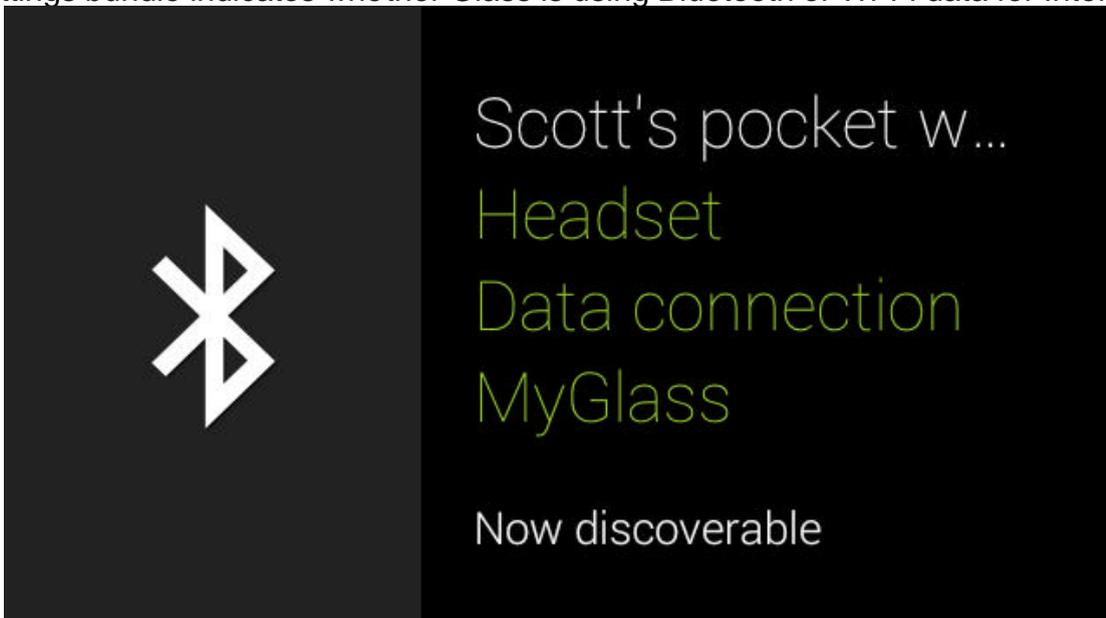


Fig. 11

The Bluetooth card in the Settings bundle also notifies you of Glass's active connection.

----- Creating a portable Hotspot

Another option for getting data on-the-go is a portable Wi-Fi hotspot. Depending on your service provider's plan, you can set up a portable Wi-Fi hotspot on your phone and have Glass use it for its data connection.

Setting up a hotspot bypasses the need to pair your device by Bluetooth and instead sets up a Wi-Fi network using your phone or tablet.

Set up a portable Wi-Fi hotspot on most Android devices

Open Settings.

Under Wireless & Networks, select More > Tethering & portable hotspot.

Configure or turn on your phone's portable hotspot. (Bluetooth tethering can also be turned on or off here.)

Data charges

Depending on your data plan, charges to your account can be incurred and some carriers charge an additional service fee. We highly recommend contacting your service provider for more information on data charges.

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Using your iOS device's data connection

Glass works best when it is connected to the internet. When out of range of Wi-Fi, you can let Glass share your iOS device's data connection by setting up a Personal Hotspot.

First pair Glass to your device using Bluetooth.

<http://support.apple.com/kb/HT1664>

Then turn on a Personal Hotspot through iOS settings.

<http://www.google.com/url?q=http%3A%2F%2Fsupport.apple.com%2Fkb%2FHT4517&sa=D&sz=1&usq=AFQjCNE5XegO0tkhQjZieKc4EcPHJZVCFA>

Glass will then share your iOS device's data connection.

Enabling directions

To get turn-by-turn directions while out and about, you'll need a Personal Hotspot and the MyGlass app for iOS.

<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

SMS

Sending a message by SMS is not currently available for iOS devices. Instead, use your iOS data connection to send messages via Gmail or Hangouts Glassware.

Connecting to a personal hotspot via Wi-Fi

Connecting to your personal hotspot via Wi-Fi is not currently supported. For best results, share your iOS device's data connection over your Bluetooth connection.

<http://support.apple.com/kb/HT1664>

Data charges

Depending on your data plan, charges to your account can be incurred and some carriers charge an additional service fee. We highly recommend contacting your service provider for more information on data charges.

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Using a Bluetooth-enabled phone

While Glass should work with most Bluetooth-capable phones, for best results, we recommend using Glass with an Android or iPhone phone.

For phones that support Bluetooth connections with Glass, pairing your Glass to devices via Bluetooth

<https://support.google.com/glass/answer/3064189>

lets you make and receive calls hands-free. Since many of Glass' features depend on the Internet, tethering your smartphone (where available) is highly recommended. For example, tethering Glass to your iPhone with Personal Hotspot

<http://support.apple.com/kb/ht4517>

lets you share your phone's data connection for Google searches, directions, sharing pictures and videos, and more.

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Making calls on Glass

<https://support.google.com/glass/answer/3085955>

Phone calls

If you've paired your mobile phone to Glass, Glass acts as a Bluetooth headset for your phone and you'll be able to place and receive phone calls through Glass.

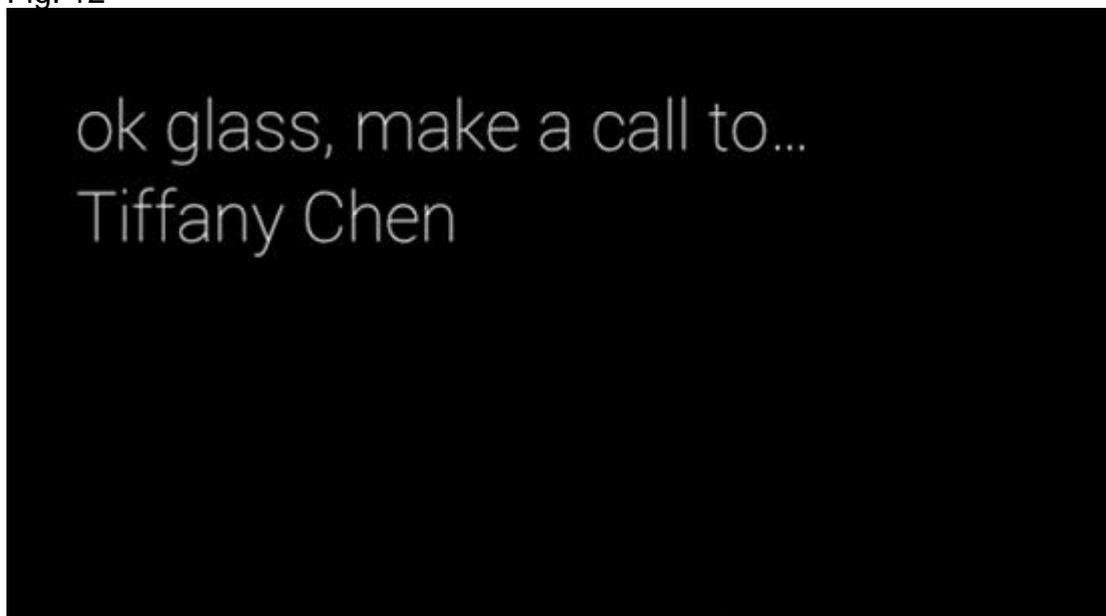
Making calls

You can place a call by voice action to contacts you've set up in Glass.

<https://support.google.com/glass/answer/3067709>

For example, "ok glass, make a call to Tiffany Chen" will call Tiffany. Make sure the contacts you've set up for Glass have phone numbers in their contact information.

Fig. 12



Receiving calls

When a call arrives, your screen will turn on and display the phone number that is calling. Tap your Glass touchpad to accept the call. Tap the touchpad again when your call is over to end the call.

Incoming calls

A rising and falling chime indicates someone is calling you. Screen the phone number by glancing at the display. To answer the phone, tap the touchpad and select Accept. To reject a call, swipe down on the touchpad or tap the touchpad, swipe forward and select Decline.

Ending calls

To hang up, simply tap the touchpad and select Hang up. Alternatively, you can end the phone call from your mobile phone.

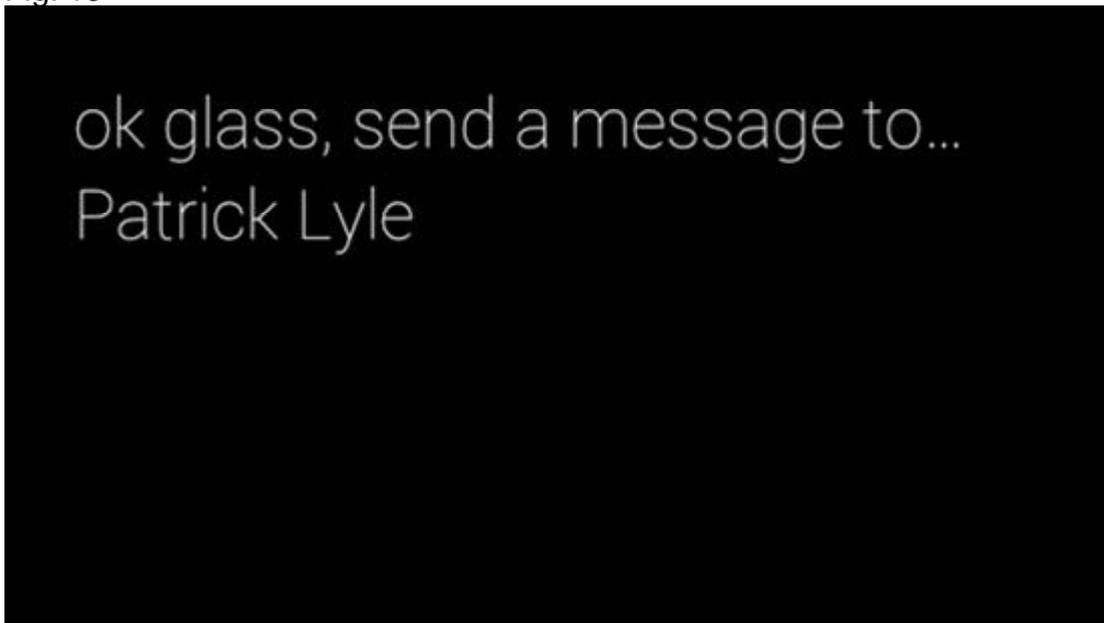
Send and receive email messages

<https://support.google.com/glass/answer/3086044>

Messaging

Send messages to your contacts hands-free by saying "ok glass, send a message to..." The voice action will bring up a list of the contacts you set up on the MyGlass site or Android app. Say the name of the recipient or select their name from the list using the touchpad, then speak your message.

Fig. 13



Sending a message

Your spoken message is transcribed into text and a preview of your message will appear in the display. Glass will wait until you've finished speaking to send your message, or you can send it yourself by tapping the touchpad. To cancel the message, swipe down on the touchpad in the few seconds after you've finished speaking but before the message is sent.

When your message is sent, you will see "Sent" in the display. You can swipe over to your history on your timeline to see the transcription of your sent message. When your recipient receives a message from you, they'll also see "Sent through Glass" appended to the end of the message.

SMS

To send or receive a message via SMS, you'll need an Android phone with Bluetooth, a data connection, and the MyGlass app.

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

Depending on what information you have for a particular contact, an email or SMS will be sent when using the "ok glass, send a message to..." voice action. If you have a phone number in the contact information of your recipient, Glass will automatically send an SMS.

If you're using Google Voice, the SMS will be sent from your Google Voice number. Otherwise, outbound SMS messages will be sent from the native SMS app on your phone.

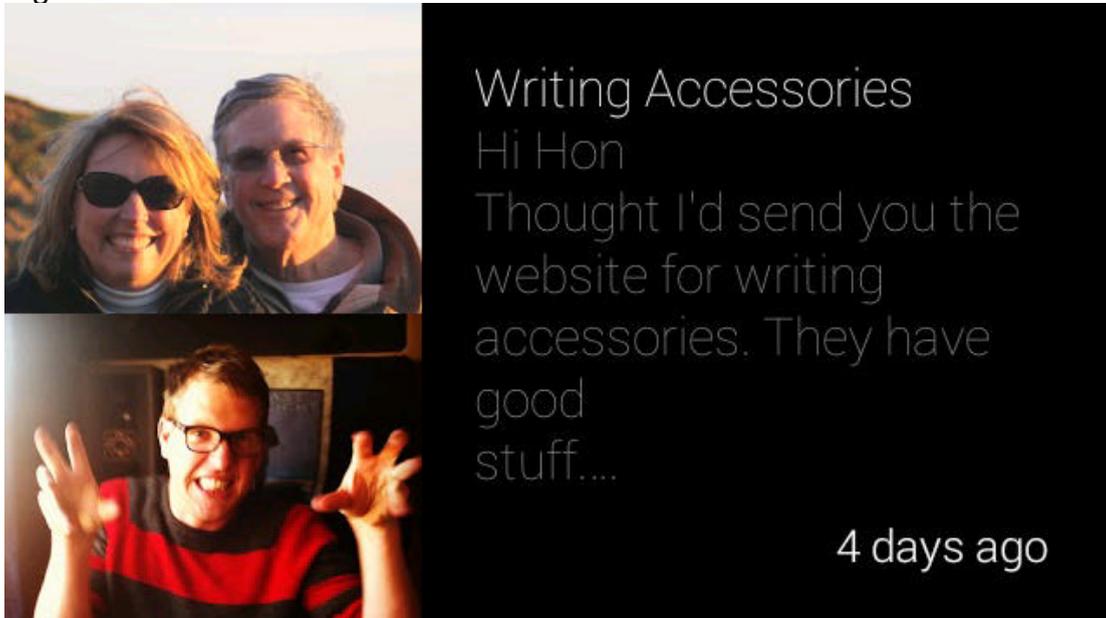
To receive SMS messages on Glass, make sure your MyGlass app indicates Glass is connected by going to MyGlass menu from the action bar and selecting the Devices menu option.

Email

If your contact only has an email address and no phone number, or if Glass isn't paired with the MyGlass Android app, messages sent via voice action will be sent through email.

To receive email messages on Glass, turn on Gmail Glassware from the MyGlass site or Android app.

Fig14



You'll hear an audio notification when you receive an incoming email message. To see the email, tap the touchpad or use Head Wake.

<https://support.google.com/glass/answer/3079855>

The card will display the subject, a snippet of the message, and you and any recipients' picture, if available.

Reply to received messages or have the replies read aloud by opening card actions when viewing your received messages. Tap your touchpad once to open the card actions to either reply to the message by speaking your reply or selecting Read aloud to have Glass audibly read your received message snippet so you can listen rather than read the snippet on-screen.

Next Steps

Read more about connecting via Bluetooth.

<https://support.google.com/glass/answer/3064189>

Learn about the MyGlass app for Android.

<https://support.google.com/glass/answer/3068035>

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Search the web with Google

<https://support.google.com/glass/answer/3081924>

Search

Do a Google search in the moment. Get quick answers to questions ("What time is it in Singapore?"), useful facts ("Who wrote Peter Pan?"), translations ("How do you say 'hello' in Japanese?"), or quickly pull up images ("Pictures of dragon fruit").

There are three ways to search on Glass:

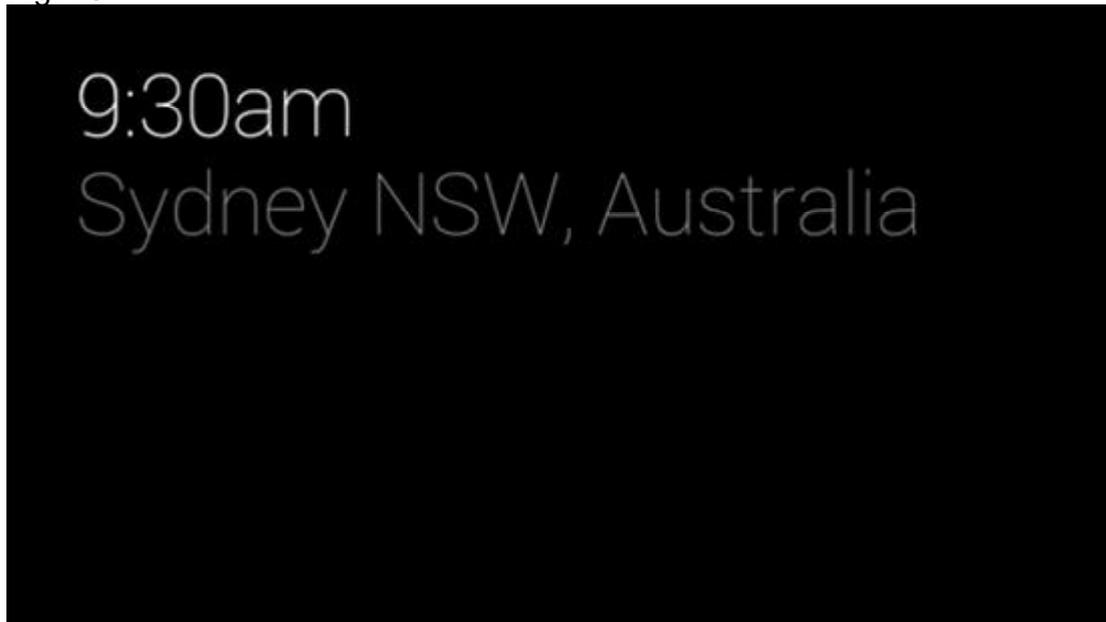
Say "ok glass, google..." from the Home screen.

Tap the touchpad to activate Glass, then tap again to see available actions. Tap Google.

With the display off, tap the touchpad three times slowly.

You can see Glass in action by trying out a search. When performing a voice search: "ok glass, google 'what time is it in Sydney Australia?'" You should see and hear the answer:

Fig. 15



Here are a few more search examples to get you started:

Figuring out the tip for a birthday dinner: "What is 15 percent of 33 dollars?"
FIG.16

15 percent of (US\$ 33)
equals, 4.95 U.S. dollars

Translating helpful phrases in other languages: "How do you say 'how much is that?' in Chinese?"

是多少 (Shì duōshǎo)
how much is that,
Chinese (Simplified)

Finding out the definition of a word you might not know: "Define 'serendipity.'"

ser·en·dip·i·ty

/ˌserənˈdɪpɪti/

Noun

The occurrence and development of events by chance in a happy or beneficial way: "a fortunate stroke of serendipity".

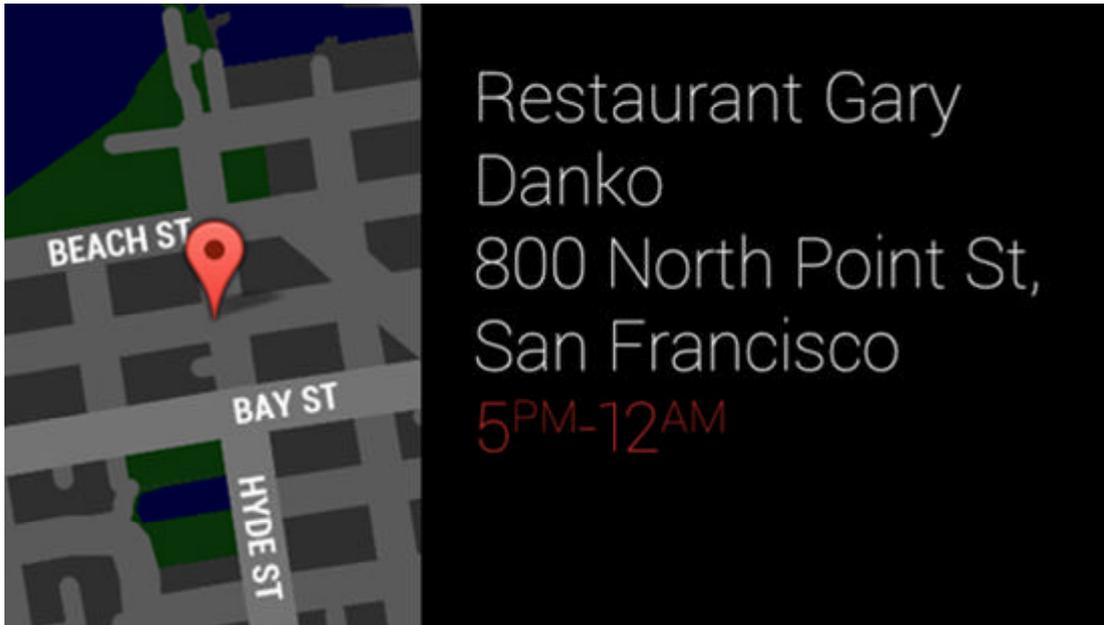
Getting quick information: "When is the next winter solstice?"

FIG19

Saturday, December 21,
2013
Winter Solstice

Finding restaurants in a particular location or city: "Restaurants in San Francisco"

FIG 20



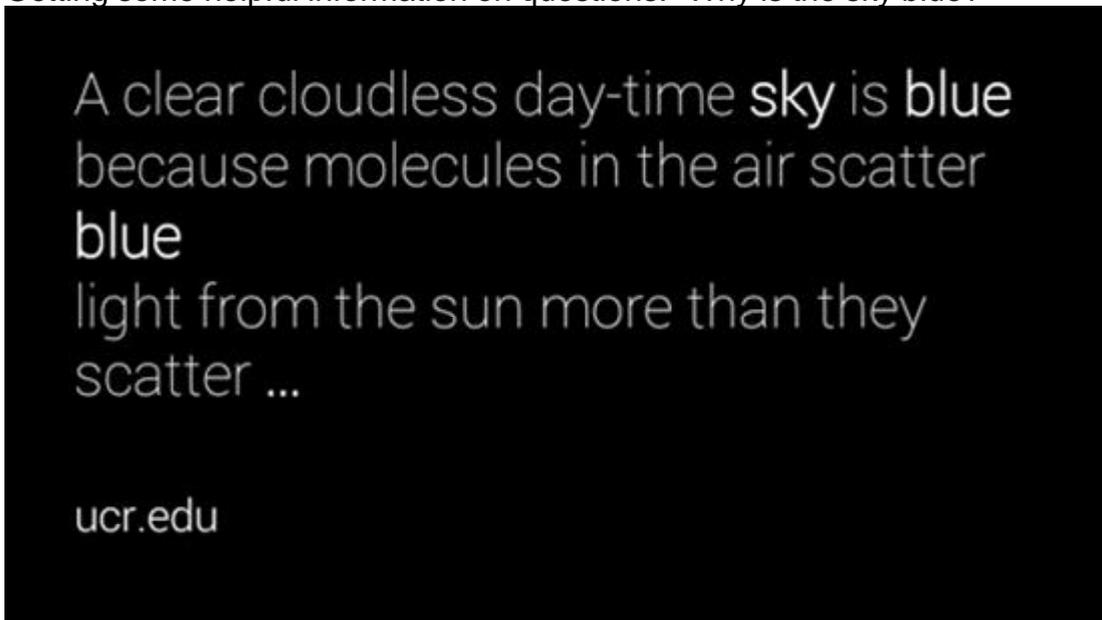
Pulling up images of a subject you might not be familiar with: "Pictures of Scottish Fold kittens."
FIG.21



Finding out useful facts on the go: "Who directed 'Iron Man?'"
FIG.22



Getting some helpful information on questions: "Why is the sky blue?"



Follow up on your previous searches to discover even more about your subject.

Find out more: "When was it built?"

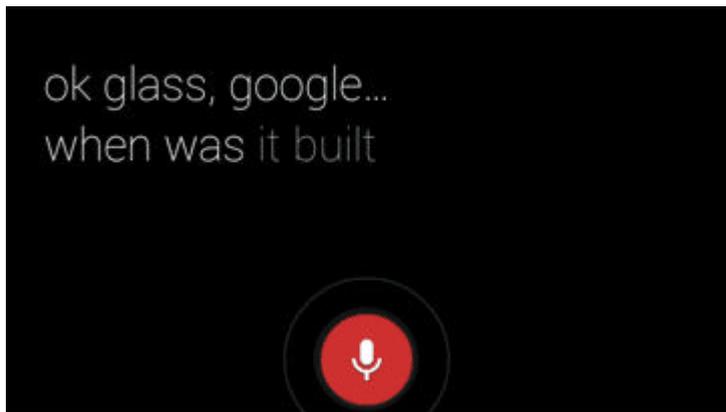
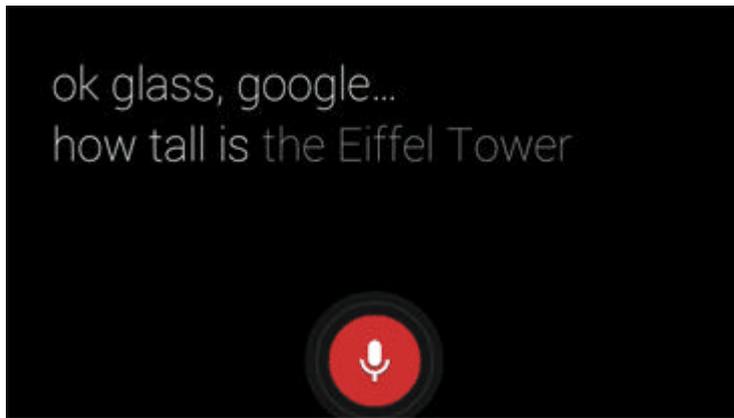


FIG 24

Check your calendar for an appointment

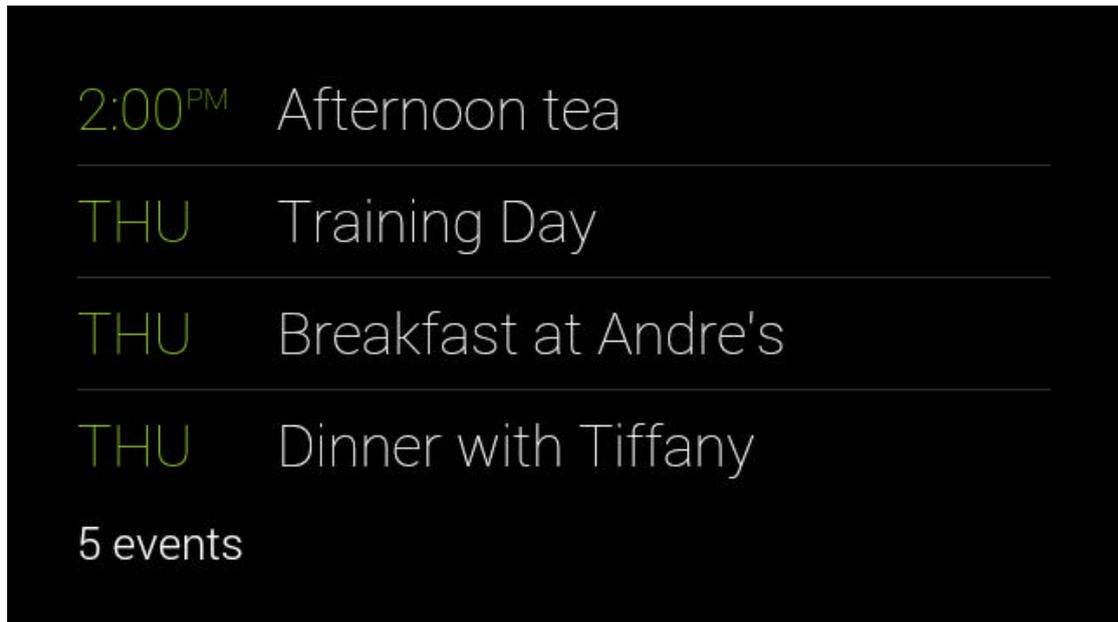


FIG 25

To learn more about a search result, tap the touchpad and select View website. It will open up a web browser

<https://support.google.com/glass/answer/3231625>

filled with (hopefully) useful information.

While roaming with Glass, keep in mind that Google searches depend on a working Internet connection.

<https://support.google.com/glass/topic/3056776>

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Share pictures and videos

<https://support.google.com/glass/answer/3079691>

Sharing your pictures and videos

Share your pictures and videos with a few taps of the touchpad. It only takes a few seconds, and you can choose from your contacts, Google+ circles, and much of the available Glassware.

<https://support.google.com/glass/answer/3064781>

To share your pictures or video:

Photos and videos are bundled by day in your timeline. Swipe forward, or to the right of your Home screen, and tap into a bundle to find the photo or video in your timeline.

Tap the touchpad once to open the card actions and select Share.

Select a contact or circle from the list to share the picture or video with them.

Quickly tap the touchpad again when prompted to add a caption to your picture or video

Sharing with your Google+ circles

<https://support.google.com/plus/answer/1254208?hl=en>

is enabled by default. To customize your Circles, head over to Google+.

<http://plus.google.com/>

Some Glassware also allows sharing to its services. To share with Glassware, ensure it's enabled from the MyGlass site

<http://glass.google.com/myglass>

or the MyGlass Android app.

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

Once enabled, simply select the service from the list when sharing.

All pictures and videos are also uploaded on a private album on Google+ using Auto Backup,

<https://support.google.com/plus/answer/2910392>

which lets you share pictures and videos to Google+ on your computer. A small "sync" icon in the lower left corner of each item indicates that the item hasn't been uploaded yet (if you don't see the sync icon over your item, it means it has been uploaded).

You can also import the pictures and videos you captured with Glass by connecting it to your computer with the USB cable. It will connect as a media device, similar to a camera. Then you can share them just as you would any picture or video on your computer.

Incoming!

When your friends and family share a Google+ post with you, you'll be notified by a chime and a card on your timeline. If you hear the chime, tap the touchpad and say "OK Glass" to post a timely comment. Otherwise, you can always seek it out on your timeline later. Tap the card in your timeline to comment, +1, or delete.

Please share only the content you own. Any shared content for which you do not own the rights can be removed. If you feel your shared content has been taken down accidentally, feel free to reach out to us.

<https://support.google.com/glass/answer/3079854>

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MyGlass app on Android

The MyGlass app helps set up your Glass and adds a few other features like identifying your location for turn-by-turn directions, sending and receiving SMS messages, screencasting your Glass display, and more.

Get MyGlass from the Google Play store.

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

You'll need Android OS 4.0.3 (Ice Cream Sandwich) or higher.

Not your platform? Use the iOS or Desktop version.

<https://support.google.com/glass/help/myglass>

Setup

Set up Wifi:

Tap the MyGlass menu from the action bar and select Wifi.
Select your wireless network.
Enter your wireless network password and select OK.
Pairing and connecting Glass with your phone using Bluetooth:

Tap the MyGlass menu from the action bar and select Devices.
Touch the name of your Glass device from the resulting list
Tap Pair on your phone and on your Glass making sure the numeric codes displayed on your displays match.
Glass should now be connected to your MyGlass app, letting you use Glass as a Bluetooth headset, as well as use features like SMS and directions.

MyGlass features

Directions

The MyGlass app helps your Glass know where you are and helps you get to where you want to go. If you've turned on location access in your phone's settings, the MyGlass app updates your location in Glass when needed for features like turn-by-turn directions or finding interesting things wherever you are.

SMS

Once you are paired to the MyGlass app, you to send and receive SMS through Glass.

Screencast

Start a screencast and let others see what you see through Glass via the display on your Android phone or tablet. You can even control Glass from a screencast. Swipe on your screen like you would your touchpad to use your phone as a remote control.

To start a screencast, open the menu from the action bar and select Screencast. If your device is already connected (via the Devices menu), a screencast will begin immediately. Otherwise, you'll see a QR code on your Android device. Take a picture of it with your Glass and you'll automatically start screencasting.

Your Android phone will then show a live view of what you're seeing on Glass, and the MyGlass notification in the notification bar will update to reflect the active screencast.

To end a screencast, touch the MyGlass notification in the notification bar to return to the MyGlass app or press your Android's back or home button to exit.

Tethering

If you've enabled tethering to connect Glass to the Internet, the MyGlass app will attempt to make sure that tethering is always turned on, even if you restart your phone.

Glass and Google Voice

The MyGlass app is compatible with Google Voice app for Android.

<https://play.google.com/store/apps/details?id=com.google.android.apps.googlevoice>

All calls and SMS messages can be sent via the Google Voice service, depending on your phone's configuration. If Google Voice is configured on Android, text messages sent from Glass will reflect the Google Voice phone number instead of the Android phone number.

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MyGlass app on iOS

The MyGlass app for iOS
<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

lets you set up and configure Glass from your iOS devices. After Glass is paired and tethered to your phone, screencast your Glass display to your iOS device, use turn-by-turn directions, and manage your contacts and Glassware.

To get Glass to 'just work,' put on Glass and follow the setup tutorial. If you've already set up Glass, make sure you pair Glass to your phone and turn on Personal Hotspot before you launch MyGlass. Bluetooth pairing lets you make and receive calls. A Personal Hotspot lets you share your device's data connection.

Not your platform? Get the Android or Desktop version.
<https://support.google.com/glass/help/myglass>

Frequently Asked Questions

How much does the MyGlass app cost?
The app itself

<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

is free. Turn-by-turn directions requires you to share your data connection by enabling Personal Hotspot,

<http://support.apple.com/kb/HT4517>

which may incur data charges or an additional fee for tethering. Contact your service provider for more information before tethering your device.

How do I enable turn-by-turn directions?

You'll need a data connection to use directions. For more information on how to enable a Personal Hotspot, please find Apple Support instructions here.

<http://support.apple.com/kb/HT4517>

Can I send SMS messages?

Sending SMS messages is not currently available on the MyGlass for iOS app.

What are the system requirements?

You must have an iOS device running iOS 7 or later (iPhone 4 and above, iPad 2 and above with cellular connection).

Glass software needs to be version XE12

<https://support.google.com/glass/answer/4353446?hl=en>

or later. Go to this Help Center article

<https://support.google.com/glass/answer/3226482>

to learn how to update to the latest version.

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Navigating MyGlass

MyGlass is your portal to setting up Glass, managing new contacts and share contacts, and exploring Glassware.

MyGlass is available as an app for Android,

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

iOS (soon), as well as from any browser.

<https://glass.google.com/myglass>

When you launch MyGlass for the first time, you'll run through a Setup tutorial to connect your new Glass to your mobile device and Google Account. Here you'll find the Glass Terms and Conditions.

<https://www.google.com/glass/terms>

Once you've set up Glass, use MyGlass to view and adjust the features of your Glass, including:

The Device info card, including the date you first registered and the last known activity.

The Device location card shows the location of your Glass on a map and set up contacts.

Contacts appear as their own cards. Use the MyGlass site to manage everyone you wish to call, message, or start a video call through Glass. You can also share photos and videos with these contacts provided you also have them in your Google+ circles.

Wi-Fi lets you add and connect to new Wi-Fi networks.

<https://support.google.com/glass/answer/2725950>

Select Glassware in the MyGlass menu to add features to your Glass.

Glassware

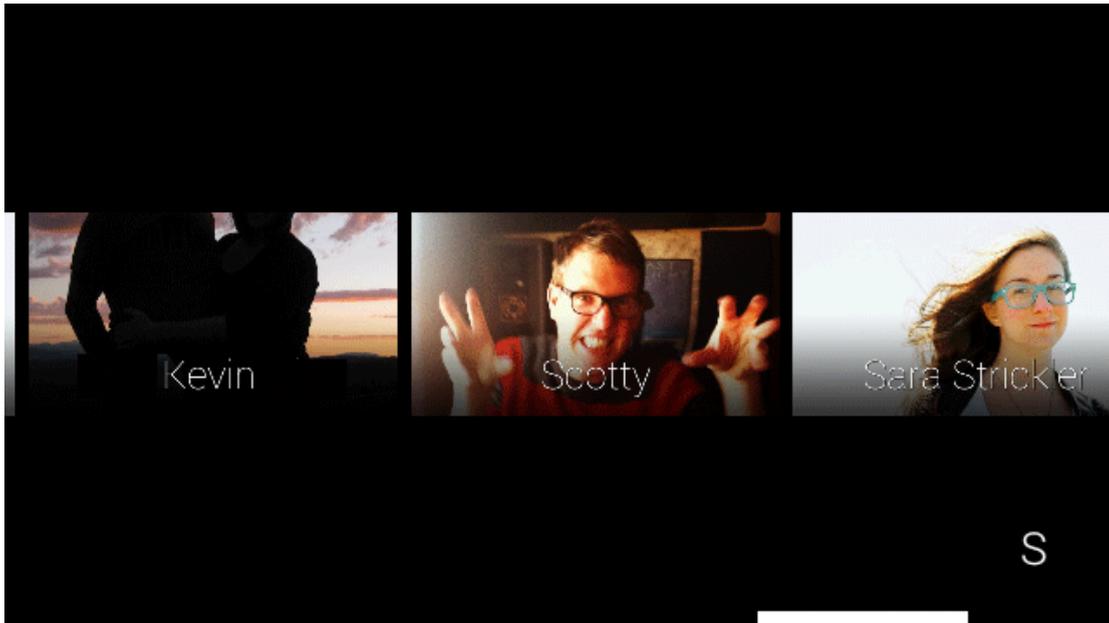
<https://support.google.com/glass/answer/3064781>

are a range of features you can extend to your Glass like sharing via Google+, viewing incoming Gmail messages, or getting the weather forecast in your current location via Google Now.

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Setting up Contacts

FIG. 26



Add your favorite contacts through the MyGlass website so that you can easily call or message them later.

You can add up to ten contacts through the MyGlass site

<https://glass.google.com/myglass>

or the MyGlass app.

<https://www.google.com/glass/help/myglass>

They'll be available as an option whenever you make a call or send a message through Glass.

Click MyGlass at the top of the page (website) or from the drop-down menu (app).

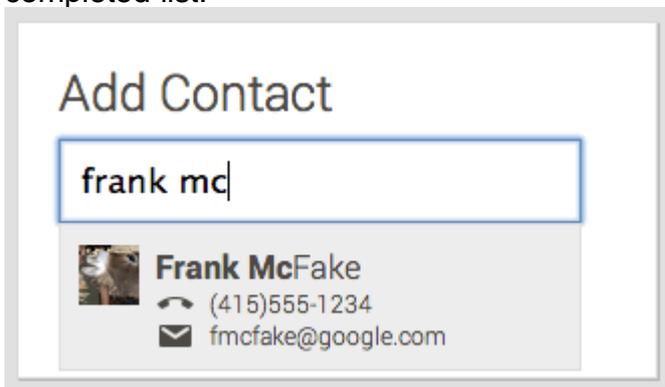
Click the Add a contact card.

Type the name of the contact you wish to add.

If your contact is already in Google Contacts,

<https://www.google.com/contacts>

start typing their name in the text box and in a few seconds you can select them from an auto-completed list.



Syncing contacts with iOS phones

Autocomplete on the MyGlass for iOS app

<https://itunes.apple.com/us/app/myglass-for-ios/id761310950?mt=8>

will automatically pull contacts from your device's address book. To sync your Google contacts with your iOS device, follow the steps in this Gmail support article.

<https://support.google.com/mail/answer/2753077>

Otherwise click +Create New contact to add the contact manually.

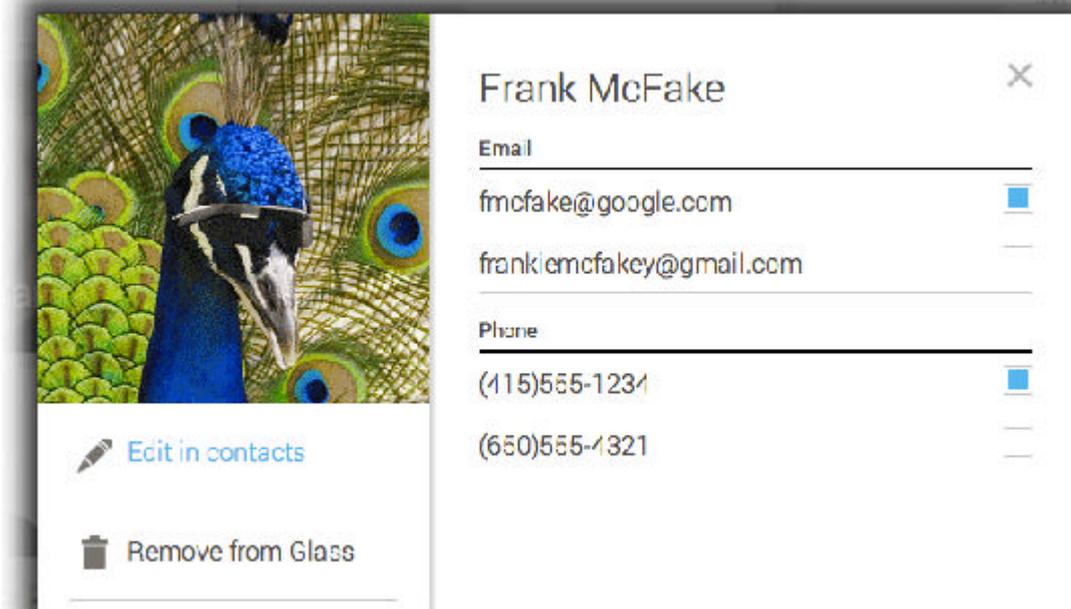
Contacts get their own card on MyGlass, displaying their name and their email address or phone number. You can tell at a glance what contact information you have from the MyGlass screen by checking the phone and email badge in the top left corner of the contact card.

Fig. 28



Specifying default contact info

For those contacts who have multiple phone numbers or email addresses, click on the contact card and check the box to the right of the email address or phone number. Glass will always use the selected contact information when you send a message or make a call from Glass.



Editing contacts

You can always edit or forget the contact by clicking on their card from the MyGlass site or Android app.

=====

Using Glass with other Bluetooth devices

While Glass should work with most Bluetooth-capable devices, for best results, we recommend using Glass with an Android or iPhone phone.

For phones that support Bluetooth connections with Glass, pairing your Glass to devices via Bluetooth

<https://support.google.com/glass/answer/3064189>

lets you make and receive calls hands-free. Since many of Glass' features depend on the Internet, tethering your smartphone (where available) is highly recommended.

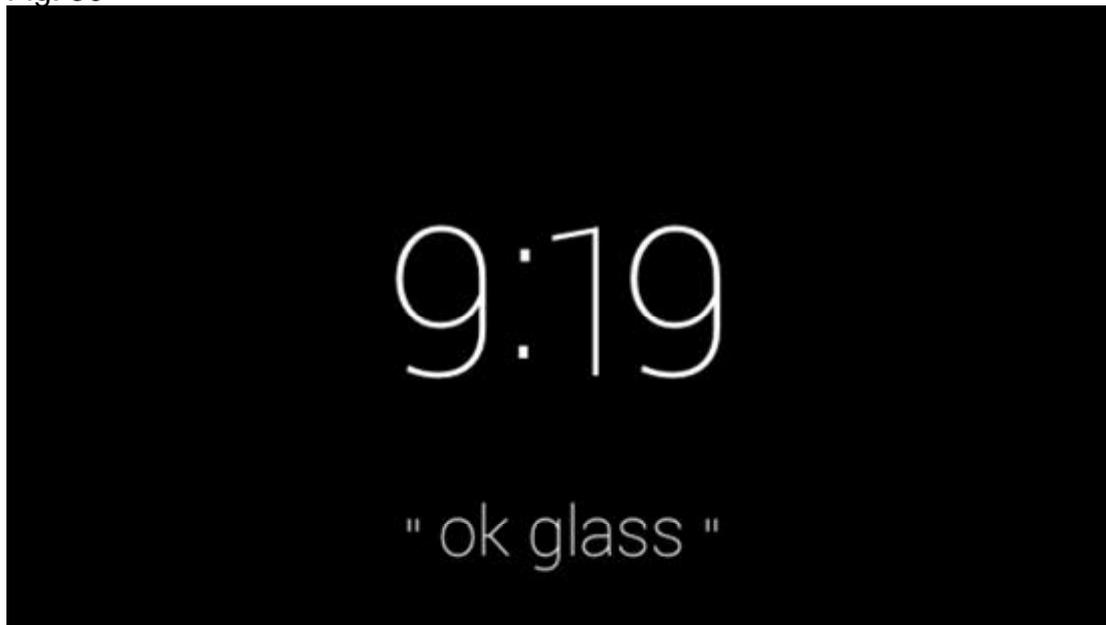
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GLASS BASICS

Home screen

Every time Glass wakes up, you're treated to the Home screen. The Home screen is your access point to Glass features, including voice actions and your timeline.

Fig. 30



If your display is off, tap the touchpad. The display will turn on and you'll be greeted with the current time and the words "ok glass." Say these magic words aloud and you'll see a menu of Glass voice actions.

<https://support.google.com/glass/answer/3079305>

If you don't feel like announcing "ok glass" to a silent room, we've got you covered. Activate Glass by tapping your touchpad. Tap again and you can swipe through all available actions.

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Glass gestures

Interacting with Glass is a unique experience that can range from head gestures to touch gestures that allow you to use Glass but stay in the moment with others with minimal distraction.

You can use touch gestures by tapping and sliding your finger on the touchpad located on the right side of the device near your temple.

Activate Glass: Tap the touchpad to turn the display on.

Swipe forward and back: Swipe forward to move right on your timeline, swipe backwards to move left through items on your timeline. Swipe rapidly to navigate quickly through your timeline.

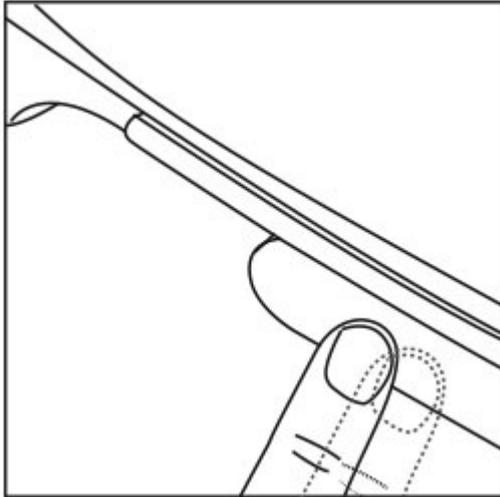
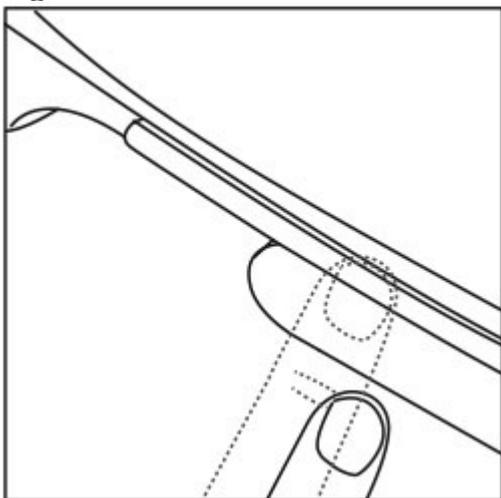


Fig. 31

Select an item: Tap the touchpad to select a card or expand a bundle./p>

Back and display off: Swipe down from the Home screen to turn the display off. Swiping down acts as your back button.

Fig. 32

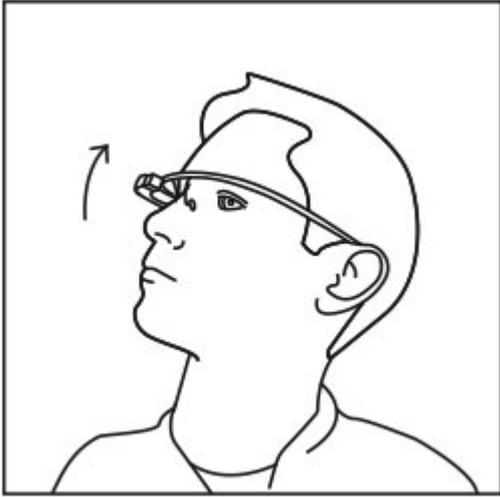


Head Wake Up

With Head Wake Up, you can also use your head movement as gestures that allow you to interact with your device.

Display on: Head Wake allows you to activate Glass and turn on the display by tilting your head upward. Tilting your head will turn the display on for a few seconds. Use this gesture to quickly check the time, or issue a voice command using "ok glass." Configure the angle at which to activate Head Wake from the Settings bundle.

Fig. 33



Head Wake Up to turn on display

Display off: You can also turn the display off by quickly nodding your head up again.

=====

Cards and bundles

It helps to imagine that the Glass interface as a row of cards that wraps around your head. Cards can contain activity history, content, and other notifications. Using your finger to swipe the touchpad, you can move forward and backward through your cards. To swipe through your cards, start at the Home screen.

<https://support.google.com/glass/answer/3063379>

Swipe forward on the touchpad to scroll through your timeline. You'll see a history of recent activity, including searches, phone calls, video calls, photos, and videos you've taken using the device.

Swipe backward to scroll through timely information and settings, including weather, calendar events, and other in-the-moment info surfaced through Google Now.

<http://www.google.com/landing/now>

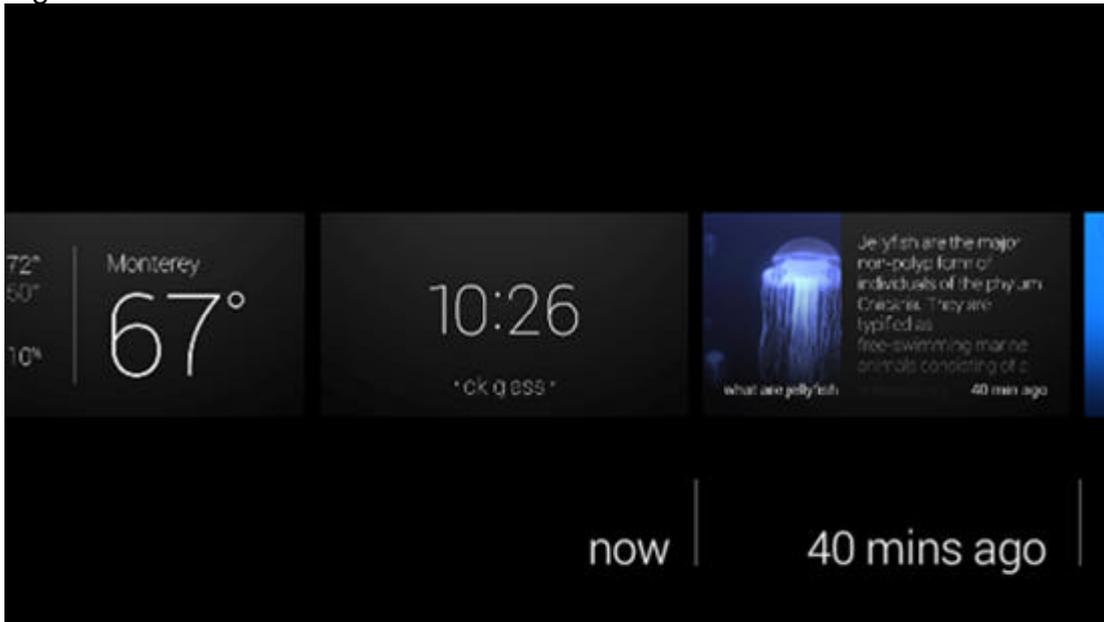
Tap cards with a folded corner to open and see more information and related content. These stacked cards are called bundles.

Tapping on a card will bring up relevant actions related to that card. For instance if you tap on a picture, you will see actions such as Share and Delete. Flip between options by single swipe gestures, just the way you navigate the timeline. A bar along the bottom of the screen scrolls as you switch between options.

Navigating the timeline

Scroll through items one at a time with a swipe (forward/back) gesture on the touchpad.

Fig. 34



Swipe rapidly to quickly navigate through a long timeline.

=====

Notifications

Glass keeps you connected by adding notifications to your timeline. For example, messaging and Glassware you've enabled on the MyGlass site will update your timeline with any recent activity.

Notifications work like this:

You will hear an audible chime when a notification arrives.
 View the notification by tapping the touchpad or using Head Wake.
 Depending on the notification card, you can tap the touchpad to view the card actions.
 You have five seconds after the notification chime to instantly view the notification. If you miss your chance or get more notifications, don't worry! You can always swipe back to your timeline to find all your recent notifications in the order in which they arrive.

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Charging Glass

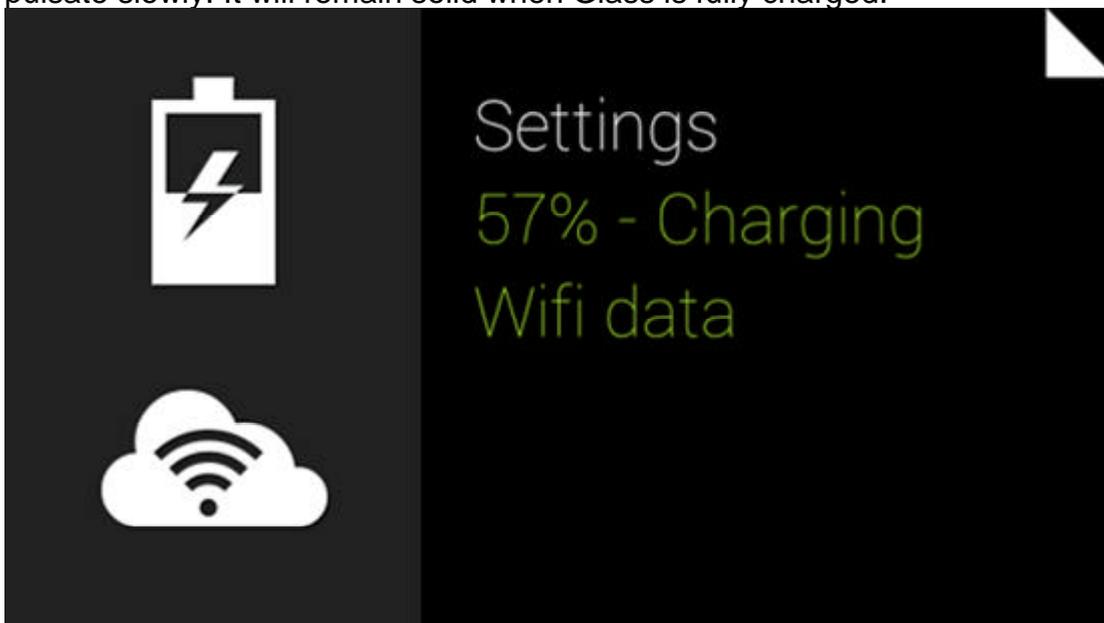
Fig 35



When it's time to charge Glass' battery, you'll see an empty battery icon on the display. Plug the charger into the wall and then plug in the micro USB cord included with your Glass to recharge the battery. While charging in an inactive state, <https://support.google.com/glass/answer/2725948#inactive> an empty battery icon on the display will animate whenever the display is activated.

The Power LED

While Glass is charging, the LED on the curved back of the device, near the power button, will pulsate slowly. It will remain solid when Glass is fully charged.



Checking battery level

You can check the battery level while using Glass by swiping all the way to the Settings bundle at the far left of your timeline.

Battery Charged indicates that your Glass is fully charged.

Glass Settings

The charger

The connectors of the cable and charger are two-tone so you always know which way to plug in the USB. On Glass itself, the cable is at a right angle facing backward (the white half of the connector facing out) so that the base of the connector can be used to stabilize Glass on a flat surface while charging.

You can use the included USB cord to charge Glass, but you'll get more power directly from a working wall outlet. Use the included charger to charge Glass fastest.

Extra chargers are available for purchase in the Glass store.

<http://glass.google.com/getglass>

Best charging practices

Make Glass inactive when not using it

Putting Glass in an inactive state

<https://support.google.com/glass/answer/2725948>

will lock the touchpad, disable incoming phone calls, and turn off notification chimes. This will save battery while you're not using Glass.

Enable On Head Detection

<https://support.google.com/glass/answer/3079857>

from the Settings bundle to put Glass in an inactive state automatically whenever you take Glass off.

ATTENZIONE Hard power down

While Glass is plugged in, pressing and holding the power button for 15 seconds triggers a hard power down; the LED light goes off and Glass isn't charging. Glass will not charge when hard powered down.

Charge Glass overnight

While charging and within range of a Wifi network, Glass will automatically update to the latest software and sync any pictures and videos to your Google+ Auto Backup. It's good practice to charge every night to make sure Glass is always up-to-date and your photos are there waiting for you in your Google+ albums when you wake up.

Powering Glass after a long period of disuse

If you've not charged Glass for a couple of days/weeks, you may find that it will take longer to charge Glass. In this state, it's normal to not see the empty battery icon appear on the display or that Glass will not turn on when you press the power button. Grab a cup of coffee and return in a bit and Glass will turn on normally.

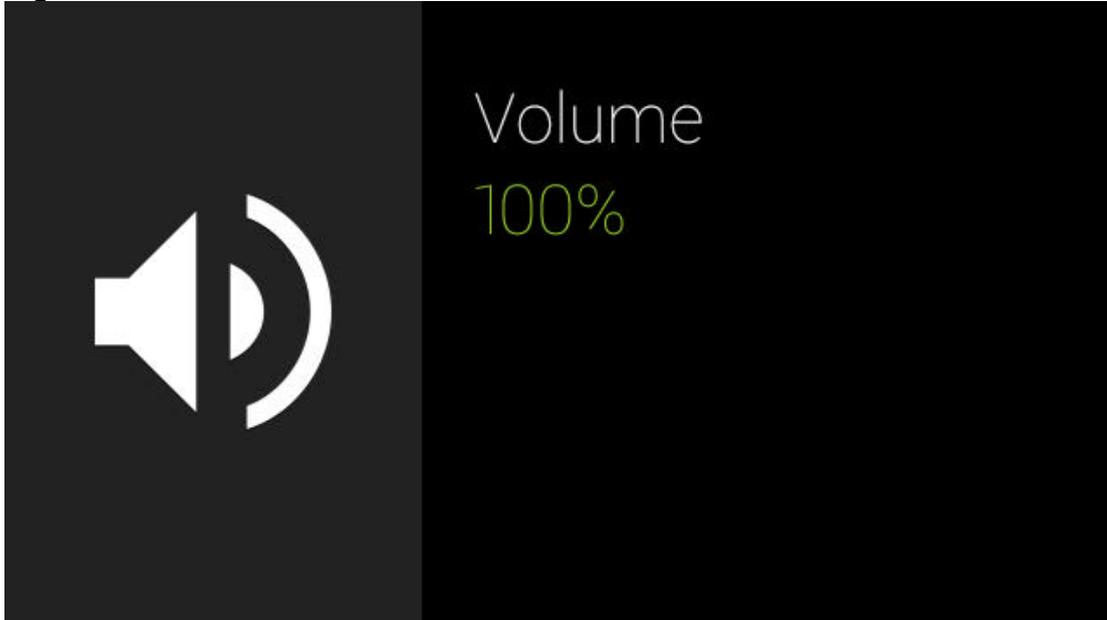
Availability

If you don't see chargers in the Glass store, don't panic. Check back again in a few days. Accessories appear automatically whenever they are in stock.

=====

Audio

Fig 37



Hear that? Sound from Glass comes from the Bone Conduction Transducer (BCT), a.k.a. the speaker, found on the inside of the device just before the battery. It's the oval piece with the Glass logo printed on it that rests just behind your ear.

Sound volume can be set on the Volume card

<https://support.google.com/glass/answer/3284795>

under the Settings bundle. You can also set volume when in a voice or phone call by tapping and scrolling to the volume card action.

If you need even more clarity, get the earbud accessory

<https://support.google.com/glass/answer/3501098>

available from the Glass store (or included with Glass received after 10/28).

Here are a few tips to help improve Glass' sound quality:

Press the BCT against your head so that it is flush against your skull. This improves the conduction of sound through your bones and to your inner ear.

Cup your right ear to reduce ambient sounds that might interfere with Glass' sound quality.

Sometimes you may feel a tickling vibration from the BCT. That's normal, but if it's bugging you, turn down the volume.

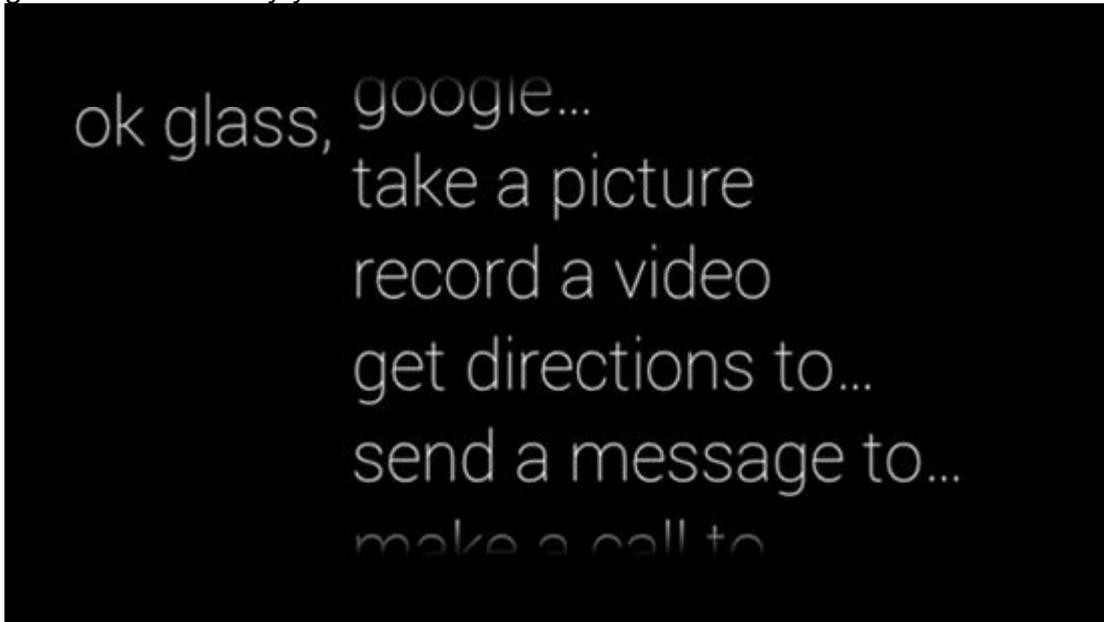
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

EXPLORE GLASS

VOICE ACTIONS

"ok glass,"

You can tell Glass to do lots of things like a Google search, take a picture, record a video, get directions, send a message, and make a call. All you have to do is say the magic words "ok glass" and then say your voice action aloud.



Glass must be activated and your display must be on in order to start a voice action. To get Glass to wake up and listen, tap the touchpad once or lift your head to the Head Wake angle (if you have Head Wake Up on).

<https://support.google.com/glass/answer/3079855>

Once you say "ok glass," you'll see all available voice actions. Scroll through this list by tilting your head up or down or swiping forward and back.

You can also double tap the touchpad while on your Home screen to open the voice action list without speaking. Once you do, you can scroll through the available list of actions using the touchpad. The touch menu looks a little different than the voice-activated menu; the actions are listed horizontally rather than vertically. However, the list of actions and their functions are the same.

Continue through this guide to learn some more Glass voice actions.

Pictures and video

Pictures and videos on Glass lets you capture specific images and videos right in the moment and virtually hands-free.

Pictures

Use Glass's camera to take crystal clear high resolution pictures in low or bright light.

Glass is equipped with a 5 MP camera and some software improvements, like HDR, to detect low light situations and automatically capture a brighter, sharper picture. Best of all, this

software works even in tough situations where there are moving subjects.

There are two ways to capture a picture:

From the Home screen, say "ok glass, take a picture."

Press the camera button above your right eye to capture a picture.

After snapping a picture, you'll see a brief preview of the shot you've just taken before it is saved to your timeline. Tap the touchpad while the preview is on-screen, or say "ok glass, share with...", to share the picture with one of your contacts or Google+ circles.

View your pictures

To view the picture in your timeline, swipe forward on the touchpad from the Home screen. Glass will make a collage out of pictures, videos, and vignettes taken during a day and bundle them together. Tap into the bundle to browse and then on a picture to share or delete the picture from your timeline. You can also find the picture in your Auto Backup album on Google+ once Glass has a chance to sync your pictures.

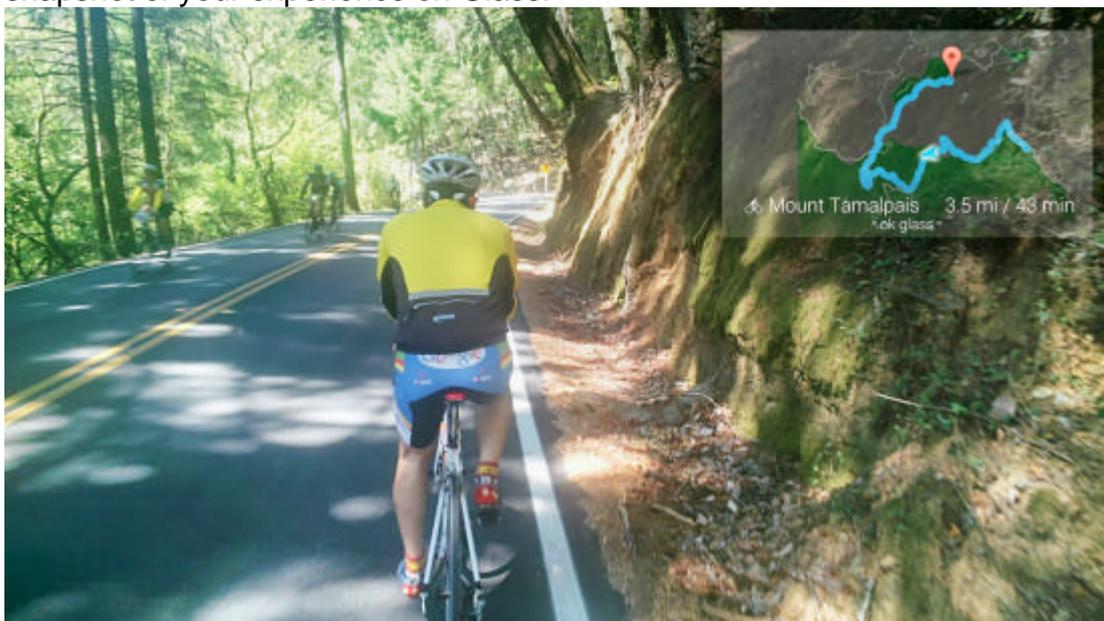
Syncing on Google+

Glass will sync all of your pictures and videos automatically to your Auto Backup album when you plug it into a charger while it is within Wifi range. You can force a picture or video to sync by sharing it manually.

You can also import the pictures and videos you captured with Glass by connecting it to your computer with the USB cable. It will connect as a media device, similar to a USB drive or camera.

Make a vignette

Vignettes superimpose a screenshot of your Glass display over a picture. You can share these around to show what you're doing on Glass while you're taking a picture. It's a sweet little snapshot of your experience on Glass.



To take a vignette:

Use Glass normally and prepare the Glass display for a screenshot.

When you've lined up what you want on your display, press Glass's camera button.

Tap the touchpad and select Make vignette.

You'll also have the ability to share a vignette and attach a comment on Google+ after the picture is saved. Find your vignette in a bundle on your timeline, or in your Auto Backup album on Google+ later when Glass has a chance to backup.

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Videos

Capturing video clips with Glass works similarly to taking a picture:

Press and hold the camera button above your right eye for one second.

From the Home screen, say "ok glass, record a video."

While recording, you'll see what is being recorded by Glass in your display as well as a time counter for your video recording.

Extend a recording

Glass defaults to recording video clips of ten seconds. To continue recording past the default limit, do either of the following while the video is in progress:

Press the camera button.

Tap the touchpad and then Extend video.

You'll know it works when the progress bar along the bottom of the display disappears. The video will then continue until it's stopped or you run out of storage or battery.

Stop a recording

To stop recording your video, tap the touchpad and swipe through the card actions to select Stop recording. If you extended your recording, the camera button can then be used to stop the recording.

View your recording

To view the video in your timeline, swipe forward on the touchpad from the Home screen. Glass will make a collage out of pictures, videos, and vignettes taken during a day and bundle them together. Tap into the bundle to browse and then on a video to play the video. Alternatively, swipe forward to share or delete the video from your timeline. You can also find the video in your Auto Backup

<http://support.google.com/plus/bin/answer.py?hl=en&answer=2910392>

album on Google+ once Glass has a chance to sync your pictures.

Syncing on Google+

Glass will sync all of your pictures and videos automatically to your Auto Backup album when you plug it into a charger while it is within Wifi range. You can force a picture or video to sync by sharing it manually.

You can also import the pictures and videos you captured with Glass by connecting it to your computer with the USB cable. It will connect as a media device, similar to a USB drive or camera.

Living with Glass

Glass is designed for micro-interactions, not for staring into the screen, watching Friday night movie marathons or reading "War and Peace."

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Sharing your pictures and videos

Share your pictures and videos with a few taps of the touchpad. It only takes a few seconds, and you can choose from your contacts, Google+ circles, and much of the available Glassware.

<https://support.google.com/glass/answer/3064781>

To share your pictures or video:

Photos and videos are bundled by day in your timeline. Swipe forward, or to the right of your Home screen, and tap into a bundle to find the photo or video in your timeline.

Tap the touchpad once to open the card actions and select Share.

Select a contact or circle from the list to share the picture or video with them.

Quickly tap the touchpad again when prompted to add a caption to your picture or video

Sharing with your Google+ circles

<https://support.google.com/plus/answer/1254208?hl=en>

is enabled by default. To customize your Circles, head over to Google+.

<http://plus.google.com/>

Some Glassware also allows sharing to its services. To share with Glassware, ensure it's enabled from the MyGlass site

<http://glass.google.com/myglass>

or the MyGlass Android app.

<https://play.google.com/store/apps/details?id=com.google.glass.companion>

Once enabled, simply select the service from the list when sharing.

All pictures and videos are also uploaded on a private album on Google+ using Auto Backup,

<https://support.google.com/plus/answer/2910392>

which lets you share pictures and videos to Google+ on your computer. A small "sync" icon in the lower left corner of each item indicates that the item hasn't been uploaded yet (if you don't see the sync icon over your item, it means it has been uploaded).

You can also import the pictures and videos you captured with Glass by connecting it to your computer with the USB cable. It will connect as a media device, similar to a camera. Then you can share them just as you would any picture or video on your computer.

Incoming!

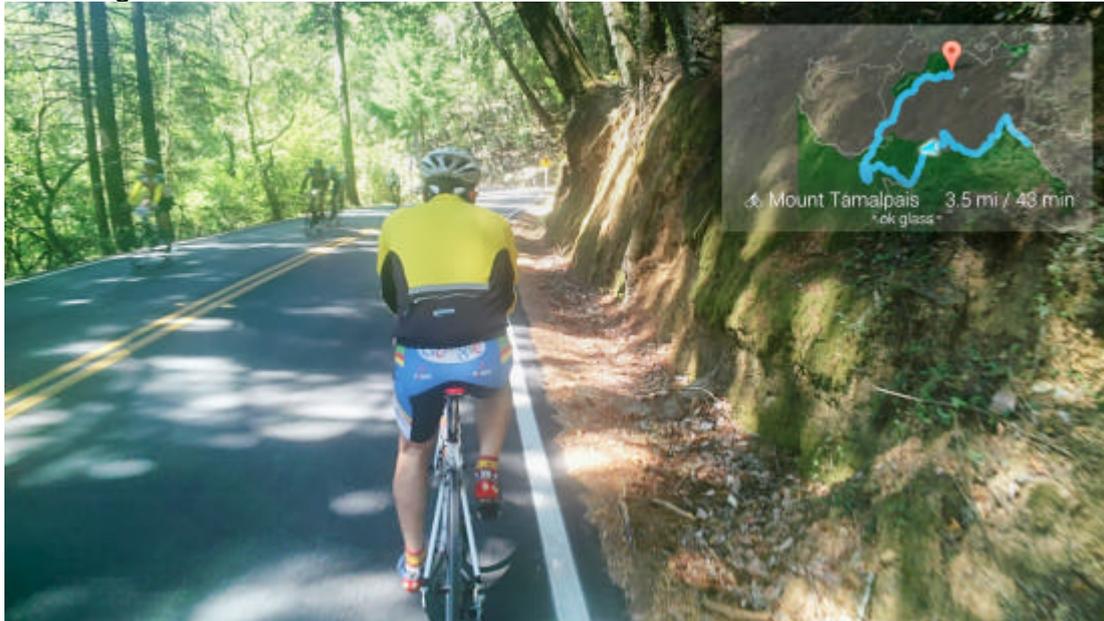
When your friends and family share a Google+ post with you, you'll be notified by a chime and a card on your timeline. If you hear the chime, tap the touchpad and say "OK Glass" to post a

timely comment. Otherwise, you can always seek it out on your timeline later. Tap the card in your timeline to comment, +1, or delete.

Please share only the content you own. Any shared content for which you do not own the rights can be removed. If you feel your shared content has been taken down accidentally, feel free to reach out to us.

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Make vignette



Vignettes superimpose a screenshot of your Glass display over a picture. You can share these around to show what you're doing on Glass while you're taking a picture. It's a sweet little snapshot of your experience on Glass.

To make a vignette:

Make sure the screenshot you want is active in your Glass display.

When you've lined up what you want on your display, press Glass's camera button.

Tap the touchpad and select make vignette.

To see the make vignette action, you'll need to have taken a picture via the camera button while your intended screenshot was active in your display. For this reason, the make vignette option is not available when taking a picture using voice actions or menu actions.

Share a vignette and attach a comment on Google+ after the picture is saved. Find your vignette in a bundle on your timeline, or in your Auto Backup album on Google+ later when Glass has a chance to backup.

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Wink



Wink

Wink configuration screen

For those times you might miss a shot, try capturing the moment with a wink. The Wink feature is an exploratory feature that lets you take a picture with a wink. It's even faster than the camera button

<https://support.google.com/glass/answer/3079688>

or voice action

<https://support.google.com/glass/answer/2725953>

and it even works when the display is off.

To turn it on and calibrate it for the first time:

Swipe backward from the Home screen until you see Settings.

Tap Settings and swipe forward to the Wink settings card.

<https://support.google.com/glass/answer/4347190>

Tap the Wink card to calibrate Wink for the first time.

You'll be asked to wink twice to calibrate Wink. For consistency, it helps to look at the screen when winking.

Etiquette

Use your best judgment when using Wink. Be careful who you're winking at and be conscious of your surroundings when you do it. You don't want to give off the wrong impression. ;-)

How it works

Right next to the display is a tiny light sensor that watches your eyelid move. It's used for on-head and wink detection. If the sensor is obstructed or aimed incorrectly, these features will not work.

In case you're wondering, this light sensor is completely safe. The light it emits is no more dangerous than natural light.

Troubleshooting Wink

ATTENTION Wink on older devices

Wink only works on the latest version of Glass devices. Devices received before October 28th, 2013 won't show the Wink feature in the Settings bundle. If you want to take part in Wink and other future features and accessories, sign up for our limited-time swap out offer.

Wink doesn't work on everyone yet, but here are some things to try if Wink isn't working properly.

Look at the display

For best results, look at or through the screen when you wink. This may involve tilting your head up or down slightly to be able to see through the display.

Time your winks

Make a calculated and deliberate wink. The wink sensor may not pick up a fast wink. For best results, make a mental effort to scrunch the corner your eye and try to time your wink to a half second.

Fit Glass correctly

Glass's fit can sometimes position the camera differently, depending on your unique facial features. The wink sensor needs to be properly aligned in order to work correctly. In most cases this means having Glass just above your field of vision, and adjusting the display so that you can see the entire screen. For more tips, visit this this article on fitting Glass.

<https://support.google.com/glass/answer>

Don't worry about lighting

It doesn't matter what time of day when you use Wink, but sometimes Wink will need to be recalibrated if you're squinting in full sun or, conversely, if you're eyes are at rest in the dark. If you can't get wink to work in a certain environmental condition, try recalibrating on the spot.

Remove eye makeup

Some eye makeup might throw off the Wink sensor. To fix, recalibrate Wink after you've applied your makeup.

Remove Shades or Shields

If you calibrated Glass with Shades or Shields installed, try taking them off and trying again. If you don't think you'll need Shades or Shields for a while, recalibrate without them.

If you're still having issues with Wink

Recalibrating Wink will solve most issues, but we're aware that Wink won't work with every face. If you're not satisfied with Wink's performance, turn it off from the Wink card

<https://support.google.com/glass/answer/4347190>

in the Settings bundle.

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FAQ

Is Glass indestructible?

No. Glass is robust, stable and built to fit into your life. But you might break it if you don't handle it with care. Protect your Glass by using the pouch we've provided, or another carrying case that you trust to keep Glass safe, dry, and awesome.

Is Glass useful everywhere?

Like everything, there is a time and a place.

Glass is designed for micro-interactions, not for staring into the screen, watching Friday night movie marathons or reading "War and Peace." It might be harder to hear Glass or use voice input commands in noisy areas, and it might be harder to see the Glass screen in bright sunlight. Also, you may be in certain places like a doctor's office where those around you don't feel comfortable being photographed or captured on video. Always consider your surroundings - just like you would with a cell phone. Above all, be considerate.

Can I use Glass while driving or bicycling?

It depends on where you are and how you use it.

As you probably know, most states have passed laws limiting the use of mobile devices while driving any motor vehicle, and most states post those rules on their department of motor vehicles websites. Read up and follow the law! Above all, even when you're following the law, don't hurt yourself or others by failing to pay attention to the road. The same goes for bicycling: whether or not any laws limit your use of Glass, always be careful.

Can everyone use Glass?

Glass isn't for everyone.

Like when wearing glasses, some people may feel eye strain or get a headache. If you've had Lasik surgery, ask your doctor about risks of eye impact damage before using Glass. Don't let children under 13 use Glass as it could harm developing vision. Also, kids might break Glass or hurt themselves, and Google's terms of service don't permit those under 13 to register a Google account. If Glass is not for you and you wish to return it, do so before the end of the applicable refund period.

Can I use Glass while operating a jackhammer?

Use caution.

Glass can't protect your eyes from flying debris, balls, sharp objects, or chemical explosions. Using Glass while operating heavy or inherently dangerous equipment, or engaging in physical sports, could distract you, cause Glass to impact your eye, and lead you to harm yourself or others. So play your one-on-one Glass free.

Is it OK to go scuba diving with Glass?

Uhhh... no.

Don't let the Glass device or battery come in contact with liquids. Liquids can get into the electronic components, leading to corrosion.

