

The Samsung logo, consisting of the word "SAMSUNG" in white, bold, sans-serif capital letters, centered within a black, horizontally-oriented oval.

**SM-R320**

# User manual

Please read this manual before using the Gear VR to ensure safe and proper use.

[www.samsung.com](http://www.samsung.com)

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# Read me first

- The Gear VR is an Innovator Edition device intended specifically for developers and early adopters of technology.
- Use the Gear VR for its intended purpose only. Using the Gear VR for other purposes may result in injury.
- The Gear VR must be connected to a Samsung GALAXY Note 4 when in use. The Gear VR cannot be operated by itself.
- The Gear VR is compatible only with the Samsung GALAXY Note 4. The Samsung GALAXY Note Edge is not compatible with the Gear VR.
- Descriptions are based on the Samsung GALAXY Note 4's default settings.
- Some languages or content may not be available depending on the region or network.
- To view the open source licence for the Gear VR, refer to *[opensource.samsung.com](https://opensource.samsung.com)*.

## Instructional icons



**Warning:** situations that could cause injury to yourself or others



**Caution:** situations that could cause damage to your device or other equipment



**Note:** notes, usage tips, or additional information

## Health and safety warnings

- Please ensure that all users of the Gear VR read the warnings below carefully before using the Gear VR to reduce the risk of personal injury, discomfort or property damage.
- These health and safety warnings are periodically updated for accuracy and completeness. Check [oculus.com/warnings](https://www.oculus.com/warnings) for the latest version.

## Before using the Gear VR

- Read and follow all setup and operating instructions provided with the Gear VR.
- The Gear VR should be adjusted for each individual user, and calibrated by using the configuration software (if available) before starting a virtual reality experience. Failure to follow this instruction may increase the risk of discomfort.
- We recommend consulting a physician before using the Gear VR if you are pregnant, elderly, have pre-existing binocular vision abnormalities or psychiatric disorders, or suffer from a heart condition or other serious medical condition.

## Seizures

Some people (about 1 in 4000) may have severe dizziness, seizures, epileptic seizures or blackouts triggered by light flashes or patterns, and this may occur while they are watching TV, playing video games or experiencing virtual reality, even if they have never had a seizure or blackout before or have no history of seizures or epilepsy. Such seizures are more common in children and young people under the age of 20. Anyone who has had a seizure, loss of awareness, or other symptoms linked to an epileptic condition should consult a physician before using the Gear VR.

## Children

The Gear VR should not be used by children under the age of 13. Adults should monitor children (age 13 and older) who are using or have used the Gear VR for any of the symptoms described below, and should limit the time children spend using the Gear VR and ensure they take breaks during use. Prolonged use should be avoided, as this could negatively impact hand-eye coordination, balance, and multi-tasking ability. Adults should monitor children closely during and after use of the Gear VR for any decrease in these abilities.

## General instructions and precautions

You should always follow these instructions and observe these precautions while using the Gear VR to reduce the risk of injury or discomfort.

### Use only in a safe environment

- The Gear VR produces an immersive virtual reality experience that distracts you from and blocks your view of your actual surroundings. For the safest experience, always remain seated when using the Gear VR. Take special care to ensure that you are not near other people, objects, stairs, balconies, windows, furniture, or other items that you can bump into or knock down when using, or immediately after using, the Gear VR. Do not handle sharp or otherwise dangerous objects while using the Gear VR. Never wear the Gear VR in situations that require attention, such as walking, bicycling, or driving.
- Make sure the Gear VR is level and secured comfortably on your head, and that you see a single, clear image.



- Ease into the use of the Gear VR to allow your body to adjust. Use for only a few minutes at a time at first, and only increase the amount of time using the Gear VR gradually as you grow accustomed to virtual reality. Looking around when first entering virtual reality can help you adjust to any small differences between your real-world movements and the resulting virtual reality experience.
- A comfortable virtual reality experience requires an unimpaired sense of motion and balance. Do not use the Gear VR when you are tired, need sleep, are under the influence of alcohol or drugs, are hung-over, have digestive problems, are under emotional stress or anxiety, or when suffering from cold, flu, headaches, migraines, or earaches, as this can increase your susceptibility to adverse symptoms.
- Do not use the Gear VR while in a moving vehicle such as a car, bus, or train, as this can increase your susceptibility to adverse symptoms.
- Take at least a 10 to 15 minute break every 30 minutes, even if you don't think you need it. Each person is different, so take more frequent and longer breaks if you feel discomfort. You should decide what works best.

- The Gear VR may be equipped with a “passthrough” feature which permits you to temporarily see your surroundings for brief real world interaction. You should always remove the Gear VR for any situation that requires attention or coordination.
- Stop using the Gear VR if it seems to be hot. Prolonged contact with an overheated device can cause burns.
- Do not wear the Gear VR without the Samsung GALAXY Note 4 attached.
- Listening to sound at high volumes can cause irreparable damage to your hearing. Background noise, as well as continued exposure to high volume levels, can make sounds seem quieter than they actually are. Due to immersive nature of virtual reality, do not use the Gear VR with the sound at a high volume so that you can maintain awareness of your surroundings and reduce the risk of hearing damage.

## Discomfort

- Immediately discontinue use if anyone using the Gear VR experiences any of the following symptoms: seizures, loss of awareness, eye strain, eye or muscle twitching, involuntary movements, altered, blurred, or double vision or other visual abnormalities, dizziness, disorientation, impaired balance, impaired hand-eye coordination, excessive sweating, increased salivation, nausea, lightheadedness, discomfort or pain in the head or eyes, drowsiness, fatigue, or any symptoms similar to motion sickness.
- Just as with the symptoms people can experience after they disembark a cruise ship, symptoms of virtual reality exposure can persist and become more apparent hours after use. These post-use symptoms can include the symptoms above, as well as excessive drowsiness and decreased ability to multi-task. These symptoms may put you at an increased risk of injury when engaging in normal activities in the real world.
- Do not drive, operate machinery, or engage in other visually or physically demanding activities that have potentially serious consequences (i.e., activities in which experiencing any symptoms could lead to death, personal injury, or damage to property), or other activities that require unimpaired balance and hand-eye coordination (such as playing sports or riding a bicycle, etc.) until you have fully recovered from any symptoms.

- Do not use the Gear VR until all symptoms have completely subsided for several hours. Make sure you have properly configured the Gear VR before resuming use.
- Be mindful of the type of content that you were using prior to the onset of any symptoms because you may be more prone to symptoms based upon the content being used.
- Consult a physician if you have serious and/or persistent symptoms.

## **Repetitive stress injury**

Prolonged use of the Gear VR and input devices (e.g. controllers) can make your muscles, joints or skin hurt. If any part of your body becomes tired or sore while playing, or if you feel symptoms such as tingling, numbness, burning or stiffness, stop and rest for several hours before playing again. If you continue to have any of the above symptoms or other discomfort during or after play, stop using the Gear VR and consult a physician.

## **Radio frequency interference**

The Gear VR can emit radio waves that can affect the operation of nearby electronics, including cardiac pacemakers. If you have a pacemaker or other implanted medical device, do not use the Gear VR without first consulting your physician or the manufacturer of your medical device.

## Electrical shock

To reduce risk of electric shock, follow the warnings below.

- Do not modify or disassemble any of the components provided.
- Do not use the Gear VR if any cable is damaged or any wires are exposed.

If a power adaptor is provided:

- Do not expose the power adaptor to water or moisture.
- Unplug the power adaptor before cleaning, and clean only with a dry cloth.
- Keep the power adaptor away from open flames and other heat sources.
- Use only the power adaptor provided with the Gear VR.

## Sunlight damage

Do not leave the Gear VR in direct sunlight. Exposure to direct sunlight may cause damage to your Gear VR or other surroundings.

# Getting started


## About the Gear VR

The Samsung Gear VR Innovator Edition powered by Oculus (also referred to as Gear VR) is a head-mounted, virtual reality device that provides an immersive experience for a wide range of users.

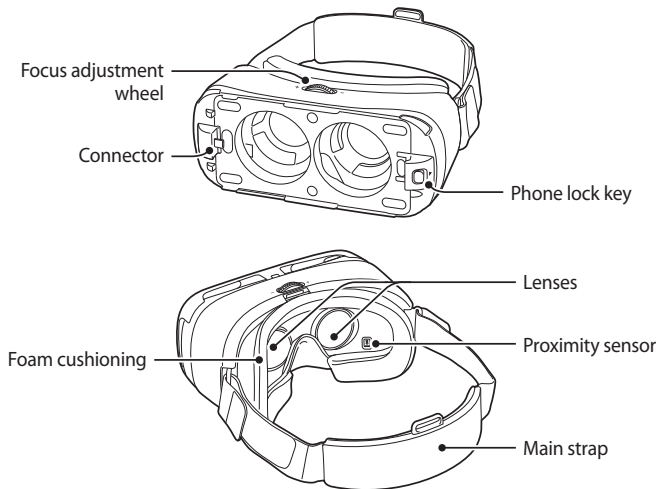
When you connect a Samsung GALAXY Note 4 to the Gear VR, you can enjoy 2D or 3D content and play games by launching apps on the Samsung GALAXY Note 4. Use the Gear VR with the Samsung GALAXY Note 4 and connect it to other devices, such as a game controller or a Bluetooth headset.

## Package contents

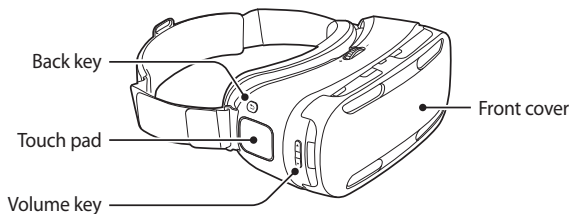
Check the product box for the following items:

- Gear VR, top head strap, foam cushioning, lens cleaning cloth, memory card, carrying case, and user manual
-  The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- Use only Samsung-approved accessories. Using unapproved accessories may cause performance problems and malfunctions that are not covered by the warranty.
- A game controller and a game controller user manual may be included depending on the type of package you purchased.

## Device layout











The Gear VR does not require charging as it is powered using the Samsung GALAXY Note 4's battery.

## Keys

Key	Function
 <b>Back</b>	<ul style="list-style-type: none"><li>• Press to return to the previous screen.</li><li>• Press and hold to open the Universal menu. You can view the status of the Gear VR and configure settings.</li></ul>
 <b>Volume</b>	<ul style="list-style-type: none"><li>• Press to adjust the Gear VR volume.</li></ul>
 <b>Phone lock</b>	<ul style="list-style-type: none"><li>• Press to separate the Samsung GALAXY Note 4 from the Gear VR.</li></ul>
 <b>Focus adjustment wheel</b>	<ul style="list-style-type: none"><li>• Rotate to focus by adjusting the distance between the Samsung GALAXY Note 4 and the Gear VR's lenses.</li></ul>

## Wearing the Gear VR

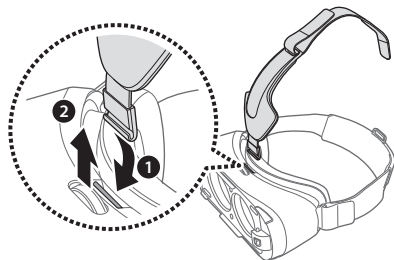


Do not put on the Gear VR when you are wearing glasses. Doing so may cause facial injuries. If you need corrective lenses, it is recommended that you wear contact lenses when using the Gear VR.

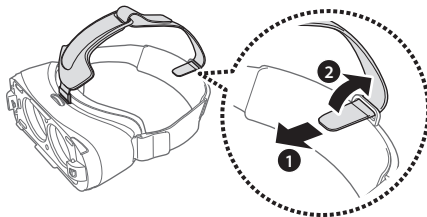


- The Gear VR is compatible only with the Samsung GALAXY Note 4.
- Factory lens protectors are pre-installed on the Gear VR. Remove the lens protectors before you use the Gear VR so you can see clearly.
- Keep the lenses clean and protect them from getting scratched. If the lenses get dirty or steam up, clean them with the lens cleaning cloth.
- The foam cushioning may get dirty if your face is sweating while wearing the Gear VR. Doing so may cause the foam cushioning to deteriorate. Ensure that you keep your face clean and dry when wearing the Gear VR.
- When you remove the Gear VR from your head, the Samsung GALAXY Note 4's screen locks and the touch pad stops working.
- When you are not wearing the Gear VR, do not place objects on the proximity sensor inside the Gear VR. Doing so may cause the proximity sensor to remain on and drain the Samsung GALAXY Note 4's battery.

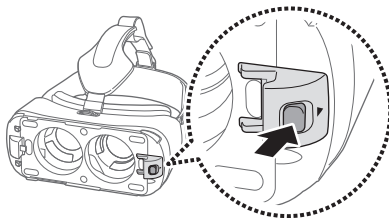
- 1 Attach the hook to the top of the Gear VR's front frame and pull it upwards until it locks in place.



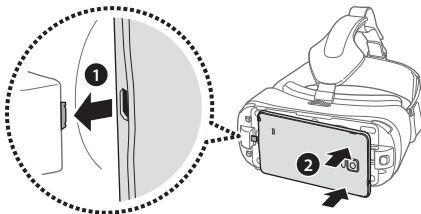
- 2 Slide the end of the top head strap through the hole in the main strap.




- 3 Press the Phone lock key.

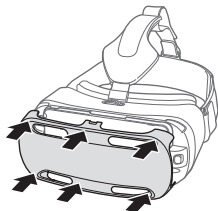


- 4 Connect the multipurpose jack of the Samsung GALAXY Note 4 to the connector. After the Samsung GALAXY Note 4 emits a sound, push it in firmly until it locks in place.



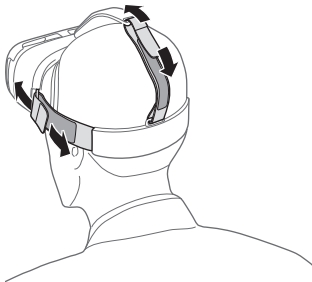
- Do not forcefully insert the connector into the Samsung GALAXY Note 4. Doing so may damage the connector.
  - Do not twist or bend the Gear VR's connector when you connect or disconnect the Samsung GALAXY Note 4. Doing so may damage the connector.
-  If the sound is not emitted when you insert the connector into the Samsung GALAXY Note 4, the Gear VR may not have recognised it. Reconnect the devices until you hear the sound.

- 5 Attach the front cover.



- 6 Secure the Gear VR to your head with the straps and place it comfortably over your face.

7 Adjust the length of the top head strap and the main strap.



Do not walk or drive while wearing the Gear VR. Always be aware of your surroundings while using the Gear VR to avoid injuring yourself or others.



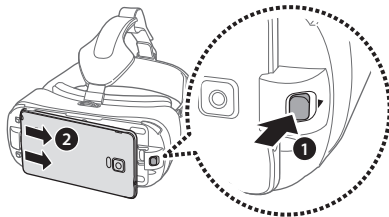
- Wear the Gear VR properly. If you wear the Gear VR tilted to one side, it may cause discomfort.
- When the screen is tilted, adjust the Gear VR until the screen becomes clear.



## Separating the devices

Separate the Samsung GALAXY Note 4 from the Gear VR when you are finished using it.

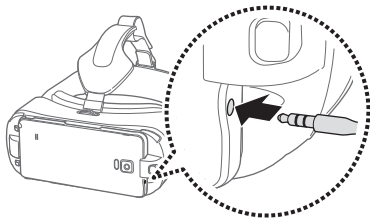
Remove the front cover, press the Phone lock key, and then remove the Samsung GALAXY Note 4.



## Connecting a headset

You can connect a headset or a Bluetooth headset to the Samsung GALAXY Note 4 when using the Gear VR. A headset or a Bluetooth headset is not supplied with the Gear VR. For more information about connecting a Bluetooth headset, refer to the Samsung GALAXY Note 4's user manual.

- 1 Remove the front cover.
- 2 Connect a headset to the Samsung GALAXY Note 4's headset jack.



- 3 Replace the front cover.

## Replacing the foam cushioning

You can replace the foam cushioning if it deteriorates over time. Or, you can change it to another type of foam cushioning that fits comfortably over your nose.

- 1 Detach the foam cushioning from the Gear VR.



- 2 Align the replacement foam cushioning with the Gear VR.
- 3 Press the foam cushioning gently into place.



- Do not stretch the replacement foam cushioning. Doing so may cause it to deform or tear.
- Do not use the Gear VR without the foam cushioning. Without the foam cushioning, the Gear VR may not sit properly on your face and may cause discomfort.

## Installing the Gear VR software


To use the Gear VR, you must manually install the Gear VR software. When you connect the Samsung GALAXY Note 4 to the Gear VR for the first time, the software installation will start automatically.



- Before installing the software, ensure that the Samsung GALAXY Note 4 is connected to a Wi-Fi or mobile network.
- The installation method or screens may differ depending on the software version.

- 1 Connect the Samsung GALAXY Note 4 to the Gear VR.
- 2 When a voice prompt requests you to separate the Samsung GALAXY Note 4 from the Gear VR, remove the Samsung GALAXY Note 4. Then, perform steps 3–10 on the Samsung GALAXY Note 4.
- 3 Tap **Next**.
- 4 Read the terms and conditions in the End User Licence Agreement (EULA) and if you agree with them, tap **Next**.
- 5 Read the health and safety warnings and tap **Confirm**.
- 6 Tap **Install**.

The Samsung GALAXY Note 4 will begin installing the software.

- 7 Tap **Create Account** and follow the on-screen instructions to create an Oculus account.  
If you already have an Oculus account, tap **Log In** and sign in to it.
  - 8 Tap **Install Apps** to install the default VR apps.
  - 9 Insert the memory card that is provided with the Gear VR and tap **Continue** → **Continue**.  
If you cannot find your memory card, tap **Skip** → **Yes, Skip It**.
  - 10 Connect the Samsung GALAXY Note 4 to the Gear VR. Or, tap **Browse Oculus Store** to launch the Oculus Store app.  
When the software is installed, the Oculus Store app will appear on the Apps screen of the Samsung GALAXY Note 4.
-  • A proximity sensor inside the Gear VR detects the position of your face. When you wear the Gear VR, the screen unlocks and you can use the touch pad.
  - The 3D viewing experience may vary depending on your visual acuity.
  - Before using the Gear VR, deactivate the screen lock feature on the Samsung GALAXY Note 4.
  - If the screen appears tilted or skewed while using the Gear VR, take it off. Then, place the Gear VR on a flat surface with the lenses facing forwards and the Focus adjustment wheel at the top. Wait 5–7 seconds before using it again.

# Basics

## Using the touch pad

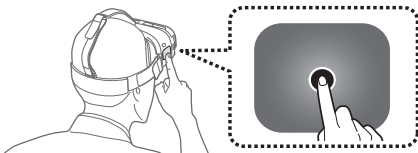
The touch pad is located on the right side of the Gear VR. Use the touch pad to select items or to control the Gear VR.



When you are not wearing the Gear VR, the touch pad does not work.

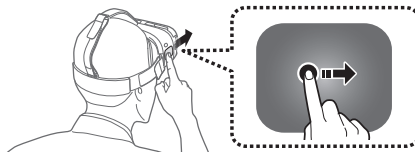
## Tapping

To select a menu item, tap the touch pad with a finger.

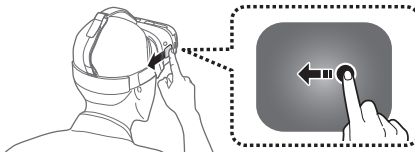


## Swiping

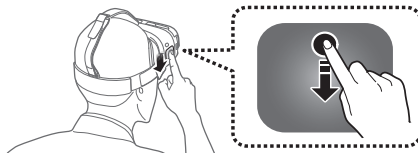
To move to the next item, swipe forwards across the touch pad.



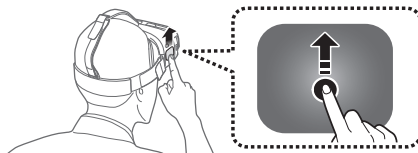
To move to the previous item, swipe backwards across the touch pad.



To move to the next item, swipe downwards across the touch pad.



To move to the previous item, swipe upwards across the touch pad.



Some apps may not support upwards or downwards swiping actions.

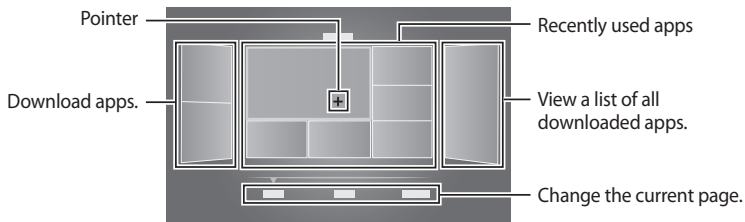


# Oculus Home screen and VR App screen

## Oculus Home screen

The Oculus Home screen is the starting point for accessing apps and features. You can launch or download VR apps on the Oculus Home screen.

Before the Oculus Home screen opens for the first time, a tutorial will start explaining how to safely use and control the Gear VR. Read the safety warnings and follow the on-screen instructions. You can view the tutorial again if you need to. On the Oculus Home screen, select **Library** → **Installed**. Swipe backwards or forwards across the touch pad to move to **Tutorial** and select **Start**.



## VR App screen

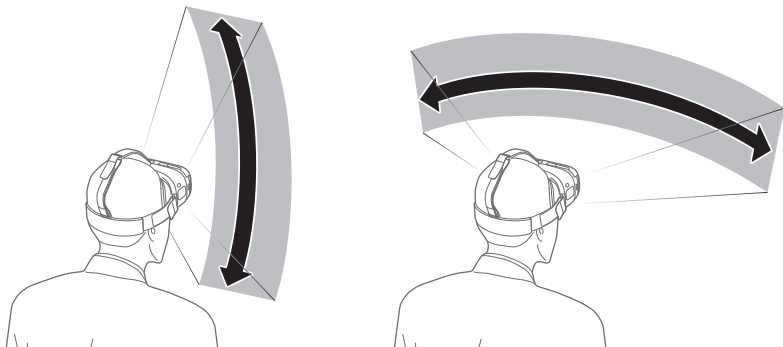
You can launch an app, view app information, and more.

On the Oculus Home screen, select **Library** → **Installed**. Swipe backwards or forwards across the touch pad to move to an app. When you have moved to the app, select **View Details**.



## Moving the pointer or the screen

The Gear VR recognises your head movements. Move your head in any direction to move the pointer or the screen.



The pointer is located in the centre of the screen. Some apps may not display the pointer at all times.

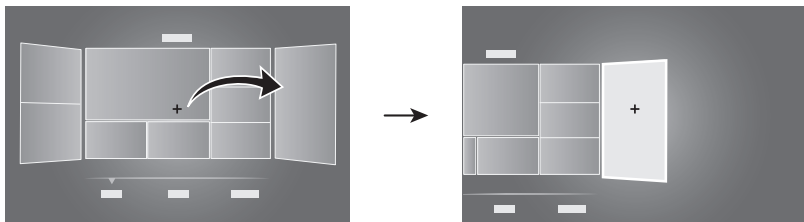
## Selecting items

You can select items or apps by moving your head and then tapping the touch pad. The following example shows the steps to perform to select an image from the VR Gallery app.

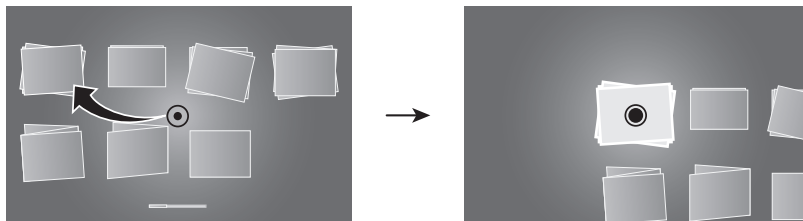


The screen, item selection method, and pointer may differ depending on the app you are using.

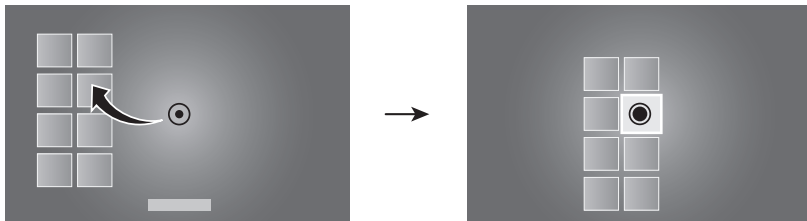
- 1 On the Oculus Home screen, move the pointer to **Library** by moving your head. When the border of it is highlighted, tap the touch pad to select.



- 2 Move the pointer to **Installed** by moving your head, and then tap the touch pad to select it.
- 3 Swipe backwards or forwards across the touch pad to move to **VR Gallery**.
- 4 Move the pointer to **Start** by moving your head, and then tap the touch pad to select it.
- 5 Move the pointer to a folder in the list by moving your head. When the border of the folder is highlighted, tap the touch pad to select it.



- 6 Move the pointer to an image in the list by moving your head. When the border of the image is highlighted, tap the touch pad to select it.



While viewing an image, you can swipe backwards or forwards across the touch pad to view more images.

## Managing apps

### Launching apps

On the Oculus Home screen, select **Library** → **Installed**. Move to the app that you want to launch and select **Start**.

### Installing apps

You can install VR apps on the Samsung GALAXY Note 4 while wearing the Gear VR.

On the Oculus Home screen, select **Store** or **Samsung**, and then select an app. Select **FREE** or **INSTALL**, and then select **Accept** to confirm the installation.




You can also install VR apps on the Samsung GALAXY Note 4 when you are not wearing the Gear VR. (p. 44)

### Updating apps

You can update default apps and installed apps.

On the Oculus Home screen, select **Library** → **Updates**. Move to an app that you want to update and select **Updates**.

## Receiving calls

The  icon will appear on the screen if you receive a call while you are using the Gear VR. You can view the caller's information or reject the call.





The Samsung GALAXY Note 4 may become hotter than normal when it is used with the Gear VR. This situation occurs especially if you use the devices to watch video or play games for an extended period. Answering a call when the Samsung GALAXY Note 4 is hot may cause minor burns to your face or ear. To avoid burns, remove the Samsung GALAXY Note 4 and wait for it to cool down. If you have to answer calls while it is still hot, connect a headset or use the speakerphone.





- You cannot answer calls while using the Gear VR. To answer a call, separate the Samsung GALAXY Note 4 from the Gear VR and answer the call.
- The Gear VR blocks alerts for incoming calls when the Do Not Disturb feature is activated. You can turn on the alerts in the Universal menu. (p. 43)



## Answering a call

- 1 When a call comes in, move your head to  to view the caller's information.
  - 2 Take off the Gear VR.
  - 3 Separate the Samsung GALAXY Note 4 from the Gear VR.
  - 4 Answer the call on the Samsung GALAXY Note 4.
-  When you answer a call, the currently running VR app will be closed.

## Rejecting a call

- 1 When a call comes in, move your head to  to view the caller's information.
- 2 Move your head to .
- 3 When the border of the icon is highlighted, tap the touch pad to reject it.

## Viewing notifications

While using the Gear VR, you can check general notifications, such as events, messages, and alarms. When a notification comes in, a pop-up alert is displayed on the screen. To see more notification details, check them on the Samsung GALAXY Note 4 after you separate it from the Gear VR.



The Gear VR blocks alerts for notifications when the Do Not Disturb feature is activated. You can turn on the alerts in the Universal menu. (p. 43)

## Using the Universal menu

You can use the Universal menu to configure settings for the Gear VR. Also, you can view the current time, remaining battery power, and more.

Press and hold the Back key to open the Universal menu. To return to the previous screen, press the Back key.

- **Oculus Home:** Return to the Oculus Home screen.
- **Passthrough Camera: Off / Passthrough Camera: On:** Activate or deactivate the Samsung GALAXY Note 4's rear camera to see outside the Gear VR.
- **Reorient:** Align the screen with the current direction you are facing.
- **Do Not Disturb: Off / Do Not Disturb: On:** Set the Gear VR to turn alerts on or off for incoming calls and notifications.
- **Brightness:** Adjust the brightness.
- **Comfort Mode: Off / Comfort Mode: On:** Restore the default colour settings or use warm colour settings.



These features may not be available in some apps.

# Apps


## Oculus Store

Manage apps for the Gear VR on the Samsung GALAXY Note 4.


On the Samsung GALAXY Note 4, open the Apps screen and tap **Oculus**.

When you launch the Oculus Store app for the first time, you must sign in to an Oculus account. Tap **Log In** to sign in to it. If you do not have an account, tap **Create Account** and follow the on-screen instructions to set up an account.


## Installing apps

Tap , select a category, and then select an app. Tap **FREE** or **INSTALL**, and then **Accept** to confirm the installation.

## Uninstalling apps


Tap  → **Library**. Swipe to the left or right to select a category, move to the app you want to uninstall, and then tap **UNINSTALL**.






If an app is accidentally uninstalled, you can reinstall it. Tap  → **Library**, swipe to the left or right to select a category, move to the app that you want to reinstall, and then tap **INSTALL**.

## Oculus Cinema

Enjoy videos on a screen in your own virtual movie theatre.

- 1 On the Oculus Home screen, select **Library** → **Installed**.
- 2 Move to **Oculus Cinema** and select **Start**.
- 3 Select a screen category. Videos will be sorted based on the screen type.
  - **Trailers:** View a preview of a video downloaded from the Oculus Store on a standard screen.
  - **Multiscreen:** View a video downloaded from the Oculus Store on a three-sided screen.
  - **My Videos:** View a video stored in the Samsung GALAXY Note 4 or in a memory card on a standard screen.
- 4 Select a video.
  -  • You can change your surroundings when viewing the video on the standard screen.
  - When the video finishes, the next video will play automatically after several seconds.

While watching videos, you can control video playback. Tap the touch pad to use the following features:

- : Pause and resume playback.
- : Rewind or fast-forward a video. You can also swipe backwards across the touch pad to rewind a video or swipe forwards across it to fast-forward a video.
- : View the list of videos.

## VR Gallery





View images and videos from the Samsung GALAXY Note 4 or a memory card.

On the Oculus Home screen, select **Library** → **Installed**. Move to **VR Gallery** and select **Start**.

## Playing videos

Select a video folder. Select a video to watch and select .

While watching videos, you can control the playback. Tap the touch pad to use the following features:

-  / : Pause and resume playback.
-  / : Go to the previous or next video.



To rewind a video, swipe backwards across the touch pad.

To fast-forward a video, swipe forwards across the touch pad.

## Viewing images

Select an image folder and then select an image.

While viewing an image, you can use the following features:

- **Play slideshow:** Start a slideshow from the image you are viewing.
-  / : Rotate the image.

To view the previous image, swipe backwards across the touch pad.

To view the next image, swipe forwards across the touch pad.

## Oculus 360 Videos

View 360 degree panoramic videos.

- 1 On the Oculus Home screen, select **Library** → **Installed**.
- 2 Move to **Oculus 360 Videos** and select **Start**.
- 3 Select a video. Turn your head and view a panorama of the video.

While viewing the video, you can tap the touch pad to use the following features:

- ☰: View a list of videos.
- ☹: Restart the current video.



## Oculus 360 Photos

View 360 degree panoramic images.

- 1 On the Oculus Home screen, select **Library** → **Installed**.
- 2 Move to **Oculus 360 Photos** and select **Start**.
- 3 Swipe upwards or downwards across the touch pad to select an image category.
- 4 Select an image. Turn your head and view a panorama of the image.

While viewing the image, you can tap the touch pad to use the following features:

- ☰: View a list of images.
- ★: Set the image as one of your favourites.

To view the previous image, swipe backwards across the touch pad.

To view the next image, swipe forwards across the touch pad.

# Troubleshooting

Before contacting a Samsung Service Centre, please attempt the following solutions. Some situations may not apply to your device.

If the tips below do not solve the problem, contact a Samsung Service Centre.

## **The Oculus Home screen does not appear when the Samsung GALAXY Note 4 is connected to the Gear VR**

- Ensure that the Samsung GALAXY Note 4 is properly connected to the Gear VR.
- Ensure that the Samsung GALAXY Note 4 is turned on.
- Ensure that you install the software for the Gear VR on the Samsung GALAXY Note 4. (p. 28)
- Ensure that the Samsung GALAXY Note 4's battery is fully charged.

## **The Samsung GALAXY Note 4 is hot to the touch**

When you use apps that require more power or use apps on your device for an extended period of time, the Samsung GALAXY Note 4 may feel hot to the touch. When the Gear VR detects a high temperature, a message appears on the screen warning you to stop wearing the Gear VR and to wait for it to cool down. Stop using the Gear VR until the Samsung GALAXY Note 4 cools down, and then resume use. This is normal and should not affect the Samsung GALAXY Note 4's lifespan or performance.

## **The image on the screen looks tilted or skewed**

Remove the Gear VR and place it on a flat surface with the lenses facing forwards and the Focus adjustment wheel at the top. Wait 5–7 seconds before using it again.

## **The image on the screen is moving randomly**

The Gear VR can be affected by magnetic interference created by items, such as computers, TVs, or electric cables. Avoid using the Gear VR in areas affected by magnetic interference.

## **The screen is out of focus**

- Ensure that the Gear VR is correctly placed on your face.
- Rotate the Focus adjustment wheel until the screen looks clear. When you open the front cover on the left side of the Gear VR, a series of position markings are accessible. You can use the markings to adjust the Gear VR into positions that you use the most.

## **The image on the screen is shaking**

- Disconnect the Samsung GALAXY Note 4 from the Gear VR and then reconnect it.
- Restart the Samsung GALAXY Note 4.

## **A game controller or Bluetooth headset is not connected**

- Ensure that the Bluetooth device is connected to the Samsung GALAXY Note 4.
- Ensure that the Samsung GALAXY Note 4 and the other Bluetooth device are within the maximum Bluetooth range (10 m).

# Safety information

**To prevent injury to yourself and others or damage to your device, read the safety information about your device before using it.**

**Use the device for its intended purpose only.**

**Do not drop or cause an impact to the charger or the device.**

**Do not use or store your device in areas with high concentrations of dust or airborne materials.**

Dust or foreign materials can cause your device to malfunction.

**Do not allow the device's connector to contact conductors, such as liquid, dust, metal filings, and pencil leads.**

Contact with conductors may cause a short circuit or corrosion at the connector and result in explosion, fire, or damage to the device.

**Do not bite or suck the device.**

Children or animals can choke on small parts.

**Do not insert the device or supplied accessories into the eyes, ears, or mouth.**

Doing so may cause suffocation or serious injuries.

**Do not expose the device to heavy smoke or fumes.**

Doing so may damage the outside of the device or cause it to malfunction.

**Keep your device dry.**

Humidity and liquids may damage the parts or electronic circuits in your device.

**Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 5°C to 35°C.**

Do not store your device in very hot areas such as inside a car in the summertime. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.

**Do not look directly at bright light while you are wearing the device without the mobile device inserted. Doing so may damage your eyesight.**

**Do not use the device if errors occur. Continued use of the device after errors occur may result in discomfort or personal injury.**

**If you are allergic to the paint or metal parts on the device, you may experience itching, eczema, or swelling of the skin. If this happens, stop using the device and consult your physician.**

**Do not use your device in a hospital, on an aircraft, or in any automobile that can be affected by radio frequencies. Doing so may cause malfunctions of equipment and may result in injury or damage to property.**

**When connecting the device to other devices via Bluetooth, avoid using your device within 15 cm of pacemakers, if possible, as your device can interfere with pacemakers.**

**Protect your hearing and ears when using a headset.**



- Excessive exposure to loud sounds can cause hearing damage.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear music.
- Ensure the headset cable is not twisted around nearby objects.

**Do not use the device if it is cracked or broken.**

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

**Use manufacturer-approved batteries, chargers, accessories, and supplies.**

Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

**Do not disassemble, modify, or repair your device.**

Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.

**When cleaning your device, mind the following.**

- Wipe the device and its lens with a clean soft cloth or a cotton swab.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device.
- Do not wash the foam cushioning. Doing so may cause the foam cushioning to deteriorate.

**Handle and dispose of the device and charger with care.**

- Never place the battery or device on or in heating devices, such as microwave ovens, stoves, or radiators.
- Never crush or puncture the device.



**Allow only qualified personnel to service your device.**

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

**Correct disposal of this product**

(Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

This product is RoHS compliant.



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**Samsung Electronics (UK) Ltd, Euro QA Lab.  
Blackbushe Business Park, Saxony Way, Yateley,  
Hampshire, GU46 6GG, United Kingdom**

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