SAMSUNG Gear VR

User Manual

Please read this manual before operating your device
and keep it for future reference.

SAMSUNG

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Important legal information can be accessed in writing on the mobile device or on http://www.samsung.com

READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.

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Support

This guide provides you with the information you need to get started. For more information and additional support, please visit the main www.samsung.com support page.

- Get support for your Samsung Gear VR online.

- Review your Gear VR's troubleshooting FAQs, and solutions.

Note: Mobile devices and software are constantly evolving—screen images you see here are for reference only.

Note: The Gear VR and its connected mobile device should only be used with firmware versions that were approved for use by the device manufacturer.

Important: Some third-party Android "cleanup" programs may recognize the Oculus folder and files as content to remove and then prompt you to "clean" the related material.
Taking this action will delete your Oculus data used by your Gear VR and you must reinstall your content.

For additional information, please visit: www.samsung.com/us/gearsupport.

Read me first

Note: For additional detailed cautions, warnings, and recommendations, please visit the main www.samsung.com support page and refer to the Health & Safety Guide.

Please read this guide before using the Samsung Gear VR (also referred to as Gear VR) to ensure safe and proper use.

Use the Gear VR for its intended purpose only. Using the Gear VR for other purposes may result in injury.

• Descriptions in this guide are based on the mobile device's default settings.

• The Gear VR must be connected with a compatible mobile device when in use. The Gear VR cannot be operated by itself. For a list of compatible devices, go to www.samsung.com/us/mobile/wearable-tech/SM-R322NZWAXAR.

Important: Use the Gear VR for its intended purpose only. Using the Gear VR for other purposes may result in injury. Some languages or content may not be available depending on the region or network. To view the open source license for the Gear VR, refer to opensource.com.

Wearing the Gear VR

Warning! Although eyeglasses can be worn inside Gear VR, they should be removed if the user experiences discomfort. If the discomfort continues and these glasses are not removed, this could cause facial injuries. If you have poor eyesight, we recommended wearing contact lenses when using the Gear VR.

Note: 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.

Caution: 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.

Ensure that you have 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 both www.samsung.com and oculus.com/warnings for the latest updated content.

- The Gear VR should not be used by children under the age of 13. Watching videos or playing games with the Gear VR may affect the visual development of children.

- When children, age 13 or older, use the Gear VR, adults should limit their usage time and ensure they take frequent breaks. Adults should monitor children closely after using the Gear VR if children feel discomfort. Prolonged use should be avoided, as this could negatively impact hand-eye coordination, balance, and multi-tasking ability.

- Your Gear VR is not designed for use with any ineligible device, accessory and/or software. Use of an ineligible device, accessory and/or software may result in injury to you or others, and may cause performance issues or damage to your system and related services.

- 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.

- We recommend seeing a doctor 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.

- The factory lens protectors are pre-installed on the Gear VR.

- Remove these lens protectors before you use the Gear VR so you can see clearly.

- Ensure the lenses are not scratched and keep them clean for clear visibility.

- The foam cushioning may get dirty if your face is sweating while wearing the Gear VR. Doing so may deteriorate the quality of the foam cushioning. Ensure that you keep your face clean and dry when wearing the Gear VR.

- When you remove the Gear VR from your head, the mobile device's screen locks and the touch pad stops working.

- 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, remain seated or stationary 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.

- When you are not wearing the Gear VR, do not place objects on the Gear VR's proximity sensor. Doing so may cause the proximity sensor to stay on and drain the battery.

- Refer to your mobile device online support material for more information.

- Use Only In A Safe Environment. The Gear VR produces an immersive virtual reality experience that distracts you from and completely blocks your view of your actual surroundings.

- Always be aware of your surroundings before beginning use and while using the Gear VR. Use caution to avoid injury.

- Use of the Gear VR may cause loss of balance.

- Remove any tripping hazards from the area before using the Gear VR.

- 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 for you.

- The Gear VR may be equipped with a "pass-through" 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.

- 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 the immersive nature of the virtual reality experience, 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.

Before Using the Gear VR Headset

- Read and follow all set up and operating instructions provided with the Gear VR. 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.

- The connected mobile device should be fully loaded with any new software updates prior to its initial use 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.

- People who are prone to motion sickness in the real world also have a heightened risk of experiencing discomfort while using the Gear VR. Such individuals should take extra care to read and follow these warnings carefully.

- We recommend consulting with a doctor before using the Gear VR if you are pregnant, elderly, have psychiatric disorders, suffer from a heart condition, have pre-existing binocular vision abnormalities or suffer from a heart condition or other serious medical condition.

- Do not use the Gear VR if you have symptoms of squint, amblyopia, or anisometropia. Using the Gear VR may aggravate these symptoms.

- Do not use the Gear VR when the attached mobile device is hot as this may cause burns. To prevent any injuries, take frequent breaks when using the Gear VR.

- Make sure the Gear VR is level and secured comfortably on your head, and that you see a single, clear image. If you wear the Gear VR tilted to one side, you may feel discomfort.

- 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.

- 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.

- 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.

- Using the Gear VR can make your muscles, joints or skin hurt. If any part of your body becomes tired or sore while using the Gear VR, or if you feel symptoms such as tingling, numbness, burning or stiffness, stop and rest for several hours before using the Gear VR again. If you continue to have any of the above symptoms or other discomfort during or after play, stop using the Gear VR and see a doctor.

- Use care when using earphones that contain magnets and can emit radio waves. These can affect the operation of nearby electronics, including cardiac pacemakers hearing aids and defibrillators. If you have a pacemaker or other implanted medical device, do not use the Gear VR without first consulting your doctor or the manufacturer of your medical device. Maintain a safe distance between the Gear VR and your medical devices, and stop using the Gear VR if you observe a persistent interference with your medical device.

About the Gear VR

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

When you connect a compatible mobile device to the Gear VR, you can enjoy multimedia content and play games by launching apps on the mobile device. You can use the Gear VR with these compatible mobile devices and use it to interact with other external devices, such as a game controller or a Bluetooth headset.

Additional Notifications

- The connected mobile device may become hotter than normal when used with the Gear VR, especially if you use the devices to play games for an extended period. When the Gear VR detects a high temperature, the quality of the application may be degraded or VR applications may be terminated in order to prevent overheating.
  This is normal and does not affect the mobile device's lifespan or performance.

- When using apps that require a higher amount of power or using these apps for an extended period, the mobile device may feel hot to the touch. When the Gear VR detects high temperature, a message appears on the screen warning you to stop wearing the Gear VR and to wait until it cools down. Stop using the Gear VR until the mobile device has cooled down, then resume use. This is normal and should not affect the mobile device's lifespan or performance.

- The mobile device's battery runtime may become shorter than normal when it is used with the Gear VR since VR applications use more of the device's resources and may contribute to battery drain.

- You may experience slow loading speed or diminished playback quality in some circumstances, such as after extended use (to prevent the device from overheating) or if your carrier or Wi-Fi network is slow or out of range.

- The availability of VR-enabled content and applications and language support may vary by region.

Note: Use only Samsung-approved accessories. Using unapproved accessories may cause performance problems and malfunctions that are not covered by the warranty.

Note: 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.

Note: When you are not wearing the Gear VR, do not place objects on the internal proximity sensor. Doing so may cause the proximity sensor to remain on and drain the connected mobile device's battery.

- If you use a third-party controller, consult the manufacturer for health and safety warnings for the controller. Always use included wrist straps with controllers to secure the controller to your wrist when in use.

- Do not modify or open any of the components provided.

- Do not use the product if any cable is damaged or any wires are exposed.

- If a power adapter is provided:, do not expose the power adapter to liquid or moisture.

Note: The Gear VR does not come with a power adapter and receives its power from the connected mobile device.

- Unplug the mobile device power adapter before cleaning, and clean only with a dry cloth.

- Keep the power adapter away from open flames and other heat sources.

- Do not use your device if any part is broken or damaged.

- Do not attempt to repair any part of your device yourself. Repairs should only be made by an authorized servicer.

- To avoid transferring contagious conditions (like pink eye), do not share the Gear VR with persons with contagious conditions, infections or diseases, particularly of the eyes, skin or scalp. The Gear VR should be cleaned between each use with skin-friendly antibacterial wipes (particularly the lenses) and dried with a microfiber cloth.

- Do not leave the Gear VR in direct sunlight. Exposure to direct sunlight can damage the Gear VR.

- Do not shine a laser or external light source through the lenses as it may damage the screen.

- Store components in their storage case when not in use to minimize unintentional damage or environmental exposure.

Device Functions

USB Connector

Focus Adjustment Wheel

Strap Loop

Device Holder (left)

Charging Port

Device Holder (right)

Note: The connected Gear VR does not require charging because it obtains power from the connected mobile device.

Proximity Sensor

Foam Cushioning

Lenses

Back Key

Securing Slot

Strap Loop

Touchpad

Volume Key

Front Cover

- Replace the front cover when you finish using the Gear VR.

- You can connect the charger to the charging port on the Gear VR. Use only Samsung-approved USB cables and 2A power adapters.

  — If you use the Gear VR while the charger is connected, it is powered by the charger and does not use the mobile device's battery. When you use content that has high power demand (more than 1.0A) while the charger is connected, the Gear VR uses two power sources. In high power demand situations, the Gear VR is powered by the charger and the mobile device's battery at the same time.

  — If the Gear VR is disconnected from the charger while the Gear VR is in use, the image on the screen may be briefly inactive. During this period, the screen recalibrates and the Gear VR may not recognize your head movements.

  — If you do not use the Gear VR while the charger is connected, the mobile device's battery charges.

  — To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should reNmain close to the electric socket and easily accessible while charging.

Function Overview

Keys	Function
Back	• Press to return to the previous screen. • Press and hold to access the Universal menu. You can view the status of the Gear VR and configure settings.
Volume	• Press to adjust the volume.
Focus Adjustment Wheel	• Rotate to focus by adjusting the distance between the mobile device and the Gear VR's lenses.
Touchpad	• Swipe across to move around the screen. • Tap to make selections. (Similar to a laptop touchpad)

Setting Up the Device

Installing the straps

1. Insert each end of the strap through the main strap loop on the Gear VR (1).
2. Use the velcro to fasten each end (2).
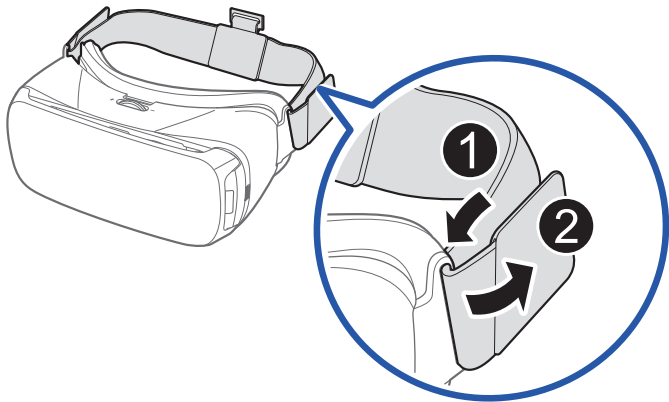
3. Carefully insert the hook (from the top head strap) into the front bar of the Gear VR (1), then pull it upward until it locks in place (2). The hook snaps when secured.
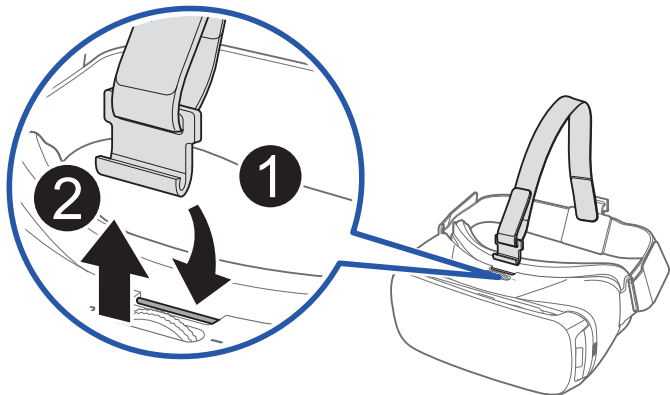
Note: The head strap contains a longer velcro strip and is used to secure the front of the Gear VR frame.

4. Slide the top head strap through the loop (3) and use the velcro to fasten it (4).
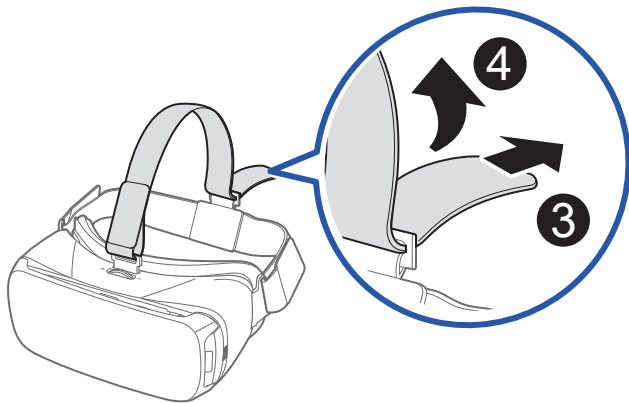
Note: The head strap contains a longer velcro strip and is used to secure the front of the Gear VR frame.

Installing the Mobile Device

1. Gently pull the front cover toward you to remove the protective front cover.
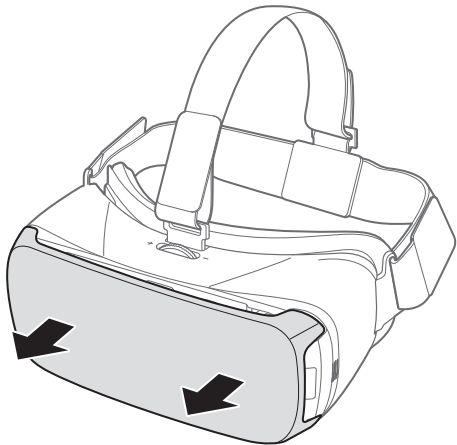
Note: Keep the lenses clean and protect them from getting scratched. If the lenses get dirty or steam up, clean them with the lens cleaning cloth. When you are not wearing the Gear VR, do not place objects on the proximity sensor inside the Gear VR. Doing so may cause the proximity sensor to remain on and drain the mobile device's battery.

2. Gently push the device holder towards the left (1) and slide it into either position A or B (2) depending on the size of the mobile device you want to use.

- **Position A**: is used for larger devices.
- **Position B**: is used for smaller devices.

Device Holder

○ Position B

● Position A

Indicates the current mobile device size
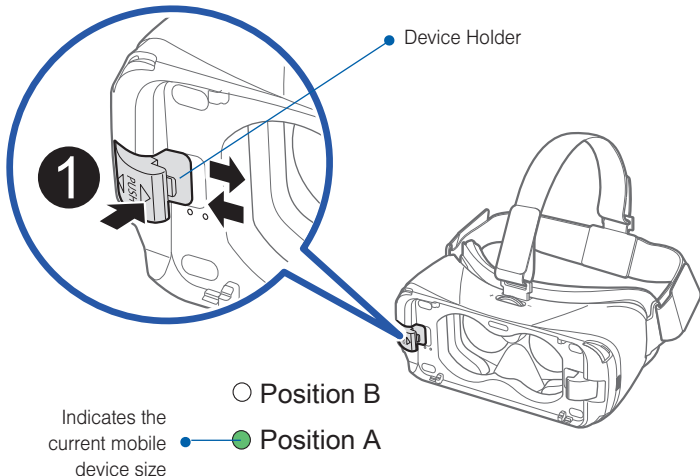
3. Verify that your device volume is on and not set to silent.

Caution: If you insert the mobile device tilted to one side, it may cause discomfort.

4. Carefully insert the mobile device (face down) at an angle into the center of the Gear VR and then insert the Gear VR connector (1) into the mobile device's USB port.

Note: Ensure that the connector is fully inserted into the mobile device's USB port. The device makes a sound when properly connected.

Caution: Do not forcefully insert the connector into the mobile device as this may damage the connector. Improper installation can scratch the mobile device.

5. While pulling the device holder (right) outward (2), carefully push the opposite end of the mobile device downward (3).

6. Gently push down on the device holder (right) (4) until the mobile device locks into place.

Caution: If the mobile device is not securely locked, the mobile device may accidentally separate from the Gear VR and be damaged. Do not twist or bend the Gear VR's connector when you connect or disconnect the mobile device. Doing so may damage the connector.

Device Holder (left)

Device Holder (right)
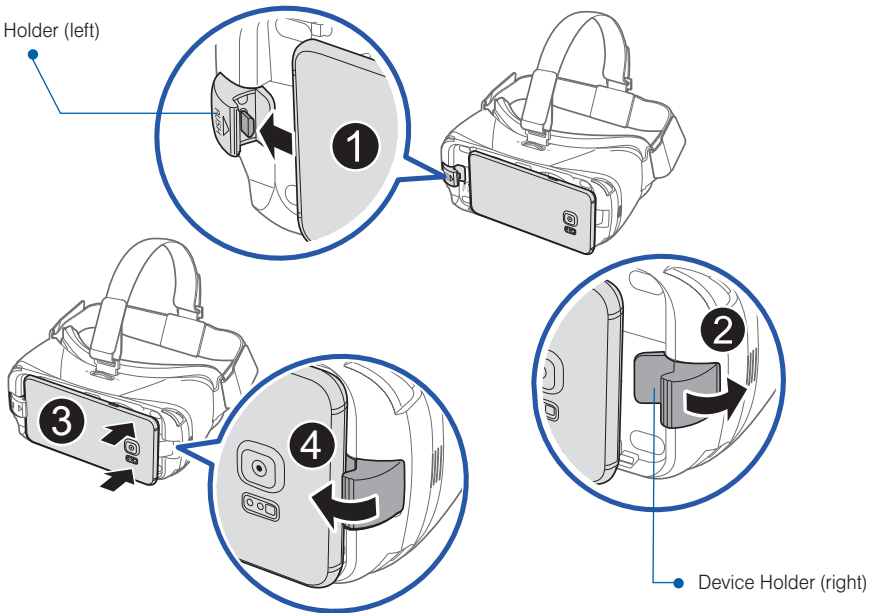
7. Verify the orientation of the mobile device.

Caution: If you insert the mobile device tilted to one side, it may cause discomfort. In this case, the mobile device screen will not be aligned properly to the lenses.

Device Holder (right)

Alignment Tabs

Correctly Mounted

Incorrectly Mounted
(misaligned)
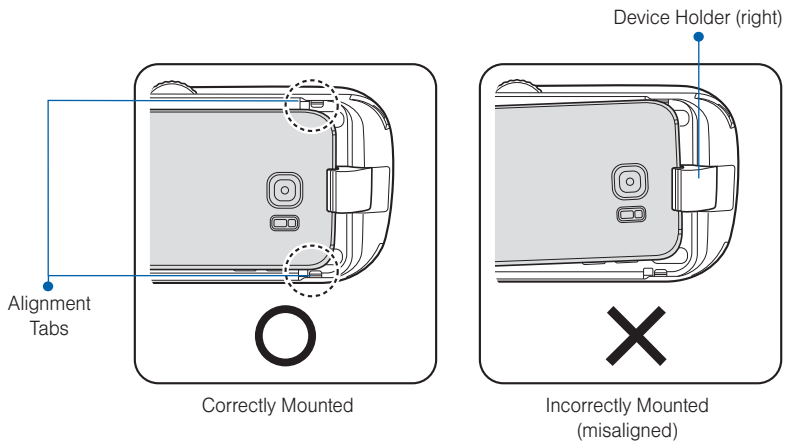
Note: Verify that your device volume is on and not set to silent. If the sound is not emitted when you insert the connector into the mobile device, the Gear VR did not recognize the connection. Carefully reconnect the mobile device until you hear the sound.

Caution: Do not leave the Gear VR in direct sunlight. Exposure to direct sunlight can damage the Gear VR and the connected mobile device.

Beginning the Software Installation

The set up process requires an active network or Wi-Fi connection.

1. After connecting the mobile device and the Gear VR for the first time, the mobile device notifies you when to remove the device with an audio message.

2. Follow "Installing Gear VR Software" on page 37.

Important: This software is required to properly use the Gear VR.

Wearing the Gear VR

1. Align your face and the foam cushion and put on the Gear VR.

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

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

3. Adjust the length of the top head strap and the main strap.
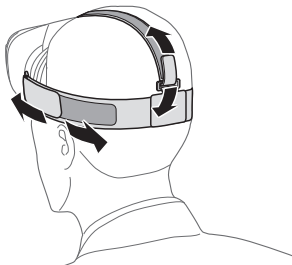
Caution! If you wear the Gear VR tilted to one side, it may cause discomfort. When the screen is tilted, adjust the Gear VR until the screen becomes clear.

Note: 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.

Removing the Mobile Device

Remove the mobile device from the Gear VR when not in use.

1. Remove the protective cover (that aids in securing the mobile device).
2. Carefully pull the device holder (right) outward (1), remove the connected mobile device (2) by carefully sliding it outwards at an angle, and then replace the front cover.
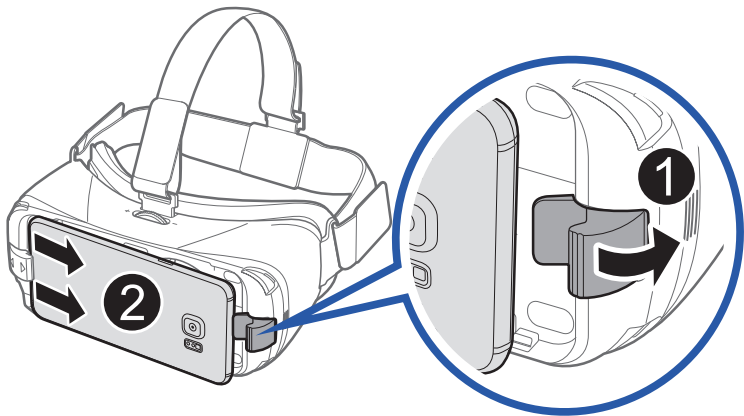
Connecting a Headset

You can connect a headset or a Bluetooth headset to the mobile device when using the Gear VR.

Note: Some audio jacks on headphones/earbuds may not fit properly in your mobile device while mounted to the Gear VR. If this is the case, do not force the connector into the mobile device as this may cause damage.
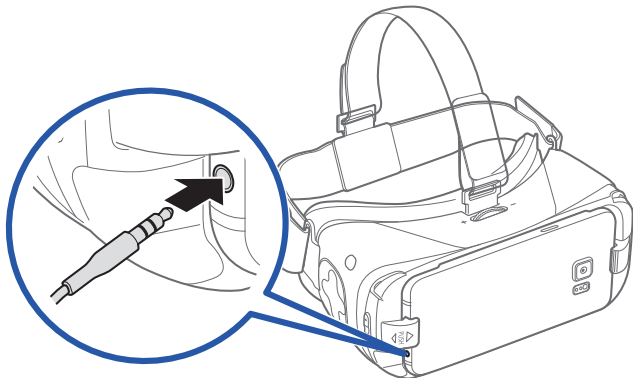
Note: Hold the mobile device tightly when connecting the headset. Extra care should be taken if the mobile device is inserted while the device holder (left) is in position B.

Using the Charger

- You can connect the charger to the charging port on the bottom of the Gear VR.

Note: Use only Samsung-approved USB cables and 2A power adapters.

- If using the Gear VR while the charger is connected:

  — It is powered by the charger and does not use the mobile device's battery. When using content that has high power demands (more than 1.5A) while the charger is connected, the Gear VR uses two power sources.

  — In high power demand situations, the Gear VR is powered by the charger and the mobile device's battery at the same time.

- If the Gear VR is disconnected from the charger while it is being used:

  — The image on the screen may be briefly inactive.

  — During this period, the screen recalibrates and the Gear VR may not recognize your head movements.

- If the Gear VR is not used while the charger is connected:

  — The mobile device's battery will be charged.

- To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power.

- The charger should remain close to the electric socket and easily accessible while charging.

• Replace the front cover once you have finished using the Gear VR.

Note: For the safest experience, remain seated or stationary 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 headset.

Caution! Take care not to stand up or move around while the Gear VR is "plugged in", as this may cause injury to the user or damage the device.

Installing Gear VR Software

You must install the Gear VR software in order to use the Gear VR. When you connect the mobile device to the Gear VR for the first time, the set up process automatically begins.

Note: Connect your mobile device to an active network or Wi-Fi connection before performing the setup process.

1. If using the device for the first time, go to www.oculus.com to create an account and follow the onscreen prompts.
2. Unlock your mobile device and turn up the volume.
3. Carefully install the compatible mobile device into the Gear VR compartment For more information refer to Intellectual Property.

Important: If the mobile device is not connected properly to the Gear VR, you are not prompted to continue with the set up process.

4. At the voice prompt, separate the mobile device from the Gear VR and remove the mobile device.
5. Tap **Next** on the Welcome screen and follow the prompts.
6. Read and agree to the health and safety warnings, and the terms and conditions in the End User License Agreement (EULA), and then tap **Next**.

Note: During this initial process, you might be prompted to install additional software or update your mobile device firmware.

7. When prompted, tap **Sign In** and enter your previously created email and password.
8. Follow the onscreen prompts to configure your account.

9. When the software is installed, the Oculus app will appear on the Apps screen of the mobile device.

Note: If the screen appears tilted or skewed while using the Gear VR, take it off and then place the Gear VR on a flat surface. Wait 5-7 seconds before using it again.

Completing the Set Up Process

1. Confirm the mobile device is securely mounted into the Gear VR.

2. Read the displayed **Health & Safety Warning!** information and then use your head to position the onscreen Pointer (crosshair) into the Oculus logo area to continue.

3. Follow the prompts to learn how to:

   - Position the cursor at desired locations.

   - Use the Touchpad to make selections.

   - Swipe forward and backward using the Touchpad.

   - Swipe up and down.

   - Use the VR's (⮌) **Back** key to return to a previous selection.

   - Press and hold the (⮌) **Back** key to access the Universal menu.
     Press the (⮌) **Back** key again to exit.
     This menu contains items such as: Oculus Home, Passthrough Camera, Reorient, Volume, and Brightness.

Basic Navigation and Selection

Using the Touchpad

The Touchpad, located at the right side of the Gear VR, is used for both selection and navigation of displayed elements.

Making Selections (Tapping)

1. Move your head to place the pointer on top of the desired item.
2. Tap the touchpad with your finger.
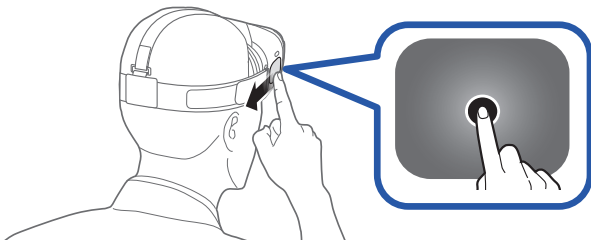
Note: When you are not wearing the Gear VR, the touchpad does not work

Moving Around the screen (Swiping)

• Swipe forward across the touchpad to move to the next item.

• Swipe backward across the touchpad to view the previous item.
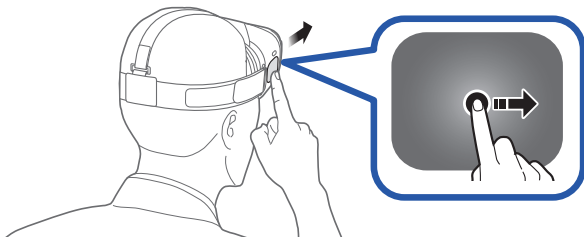
Swiping to next item or
list item (Forward)
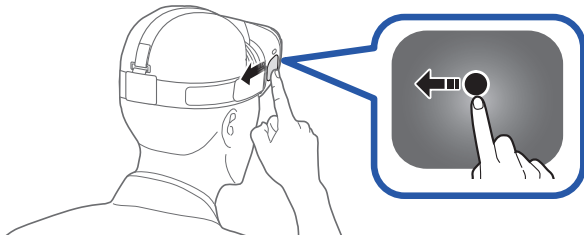
Swiping to previous item or
list item (Backward)

• Swipe downward across the touchpad to move to the next item in a list.

• Swipe upward across the touchpad to move to the previous item in a list.

Swiping down to next item (Downward)

Swiping up to next item (Upward)
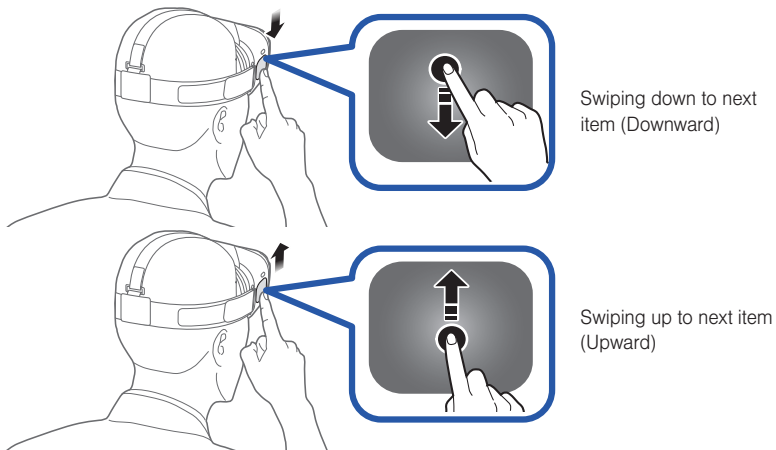
Note: Some apps may not support upward or downward swiping actions.

Moving the Pointer

The Gear VR recognizes your head movements and then translates that information as a location within your current screen environment. Some screens may not display a pointer.

• Moving your head around also changes the views and perspectives of the current screen.
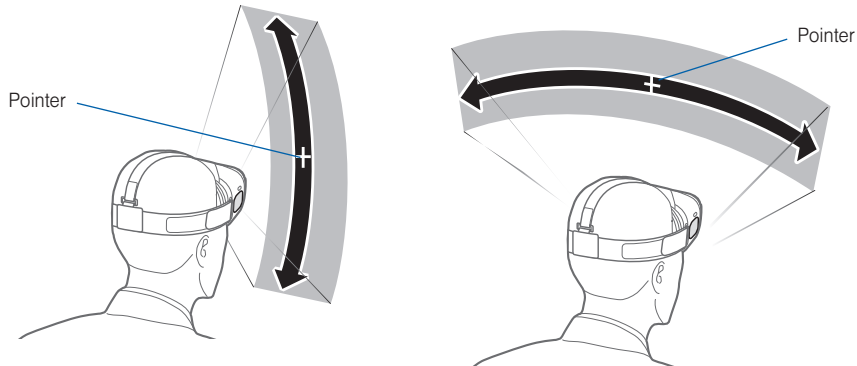
• The pointer and screen views change depending on the detected location of your head.

Note: The pointer is centered in your line sight and follows your head movements.

Making a Selection

You can select items or apps by moving your head and then tapping the touchpad.

1. Move your head to place the displayed pointer onto a desired selection (1).

2. Tap the touchpad (on the right side of the unit) (2).
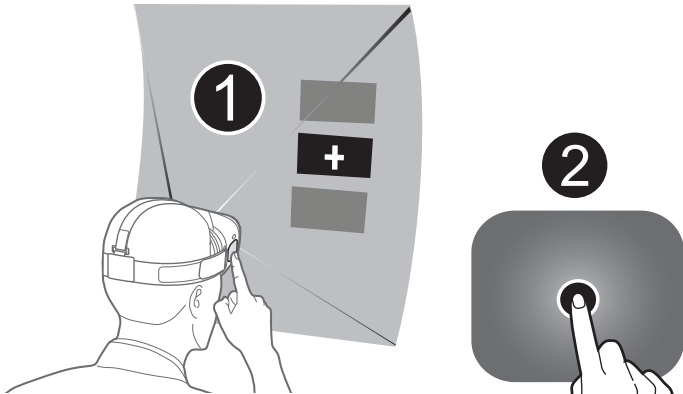
Navigation - Home Screen

Any time the Gear VR application restarts, you are prompted to read the displayed Health and Safety information and tap the touchpad to accept the terms before proceeding.

Recent Apps

Oculus Store

Application Library

Samsung Featured Content

Access to Different Pages
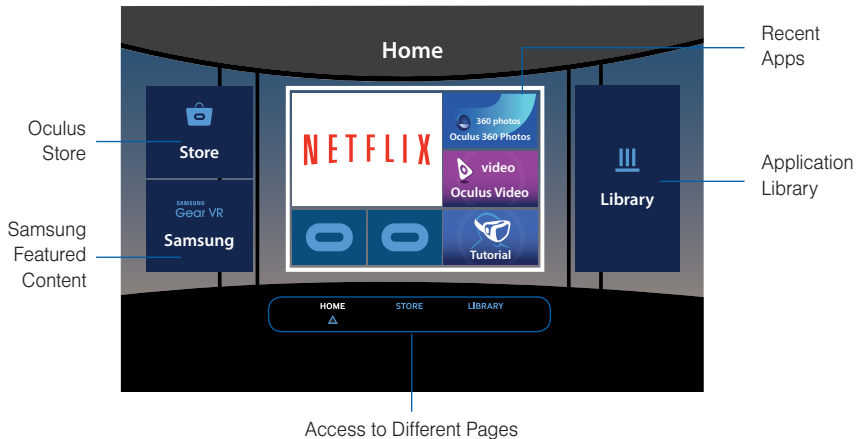
The Oculus Home screen is the starting point for accessing Apps, files, and features.
From this Home screen you can navigate to any of the three main screens:

- **HOME** screen: Provides access to the Oculus store, Samsung content, Recent apps, and Library (of apps)

- **STORE** screen: Provides access to either **All** (new downloadable VR applications) or **Samsung** (providing Samsung Features content). Use either of the available category tabs (All/Samsung) to swipe through the available downloads.

- **LIBRARY** screen: Provides access to all currently installed VR content and applications. Swipe through your available selections and tap the touchpad to activate an app.

Navigation - App Screen

Once you select an app (from either your Recent Apps or Library screen), you can select additional related options.

Launching a Loaded Application

1. From the **HOME** screen, select **Library**.

2. Swipe Upwards or downward across the touchpad to move through your available applications.

3. Hover the pointer over an available app, tap the touchpad and select **Start**.

Accessing Additional Application Functions

1. From within the Library, scroll upward or downward to locate an installed application.

2. Place your pointer over the (i) **View Details** key to display the Apps screen, where you can review more detailed information for the selected app.

Application Logo

Rating

Additional Functions

Oculus Video

⭐ ⭐ ⭐ ⭐ ⭐

Comfortable for most

START

Ages 13+

Summary   Details   Media   Updates

HOME   STORE   LIBRARY

User Ranking

Comfort Rating

Launch App

Access to different pages
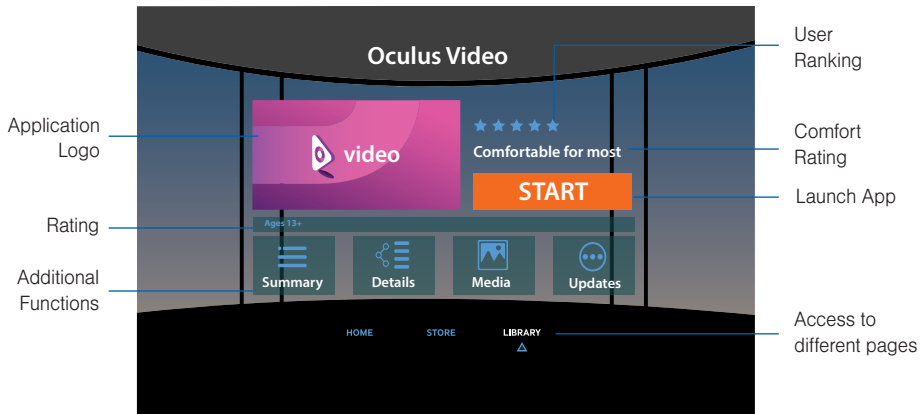
3. This **Apps** screen provides both useful application information and additional related options such as:

- **User Ranking**: View current user ranking for this application.
- **Comfort**: View the current user comfort rating for this application.
- **Install/Launch/Play Now**: Install an application that is not currently downloaded or Launch/Play the available app.
- **Additional Functions**:
  - **Summary**: Review a brief description of the current application.
  - **Details**: provides game related information such as Genre, Publisher, Developer, Controllers, Game mode, and Number of players.
  - **Media**: displays related application images.
  - **Updates**: provides access to available application updates.
- **Rating**: provides a reference to the suggested age of the user.

Using the Universal Menu

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

Note: These features may not be available within some apps.

Accessing the Universal Menu

1. From an active application screen, press and hold the (⤺) **Back** key.
2. Place the displayed pointer on top of an available entry and tap the touchpad. Options include:

- ⬠ **Oculus Home**: Returns you to the Oculus Home screen.

- 🅡 **Profile**: Displays your profile settings.

- 😊 **Friends**: Displays your friends and friend requests.

- ⚡ **Notifications**: Displays your notifications.

- ⚙ **Settings**: Displays settings options.

  - 📷 **Passthrough Camera**: Activates the mobile device's rear camera and allows you to see through and to the outside environment.

  - ➋ **Reorient**: Realigns the screen based on the current direction you are facing.

  - 🔔 **Notifications**: Allows the Gear VR to receive the sounds of incoming calls and notifications. When Notifications are turned off , 🔕 is displayed and you will not receive any onscreen notifications.

– **Volume**: Adjusts the volume. When muted, will display.

– **Brightness**: Adjusts the screen brightness.

• **Utilities**: Displays utility options.

Going to Oculus Home

1. From an active VR screen or application, press and hold the **Back** key.

2. Place the pointer on top of **Oculus Home**, to begin exiting the current app and return to the main Home screen.

Note: Do not attach the front cover when using the mobile device's rear camera.

Using Passthrough Camera

This feature activates the mobile device's rear camera and projects it onto your screen so that you can see your surroundings while wearing the Gear VR.

To activate Passthrough Camera:

1. From an active VR screen, press and hold the **Back** key.

2. Place the pointer on top of **Passthrough Camera** and tap the touchpad to activate the feature. The screen displays **Passthrough Camera: On**.

To deactivate Passthrough Camera:

1. From the active passthrough screen, place the pointer on top of 😊 **Passthrough Camera**.

2. Tap the touchpad to deactivate the feature and turn off the mobile device's camera. The screen displays **Passthrough Camera: Off**.

Reorienting the Gear VR

There may be times when the viewing angle of the screen might change and not display centered in your line of sight. Reorienting the screen resets the viewing angle to match your current line of sight and orientation by resetting the forward location.

1. Orient your head to the direction you want to set as the new forward view.

2. From an active VR screen, press and hold the (⤺) **Back** key.

3. Place the pointer on top of ⊘ **Reorient** and tap the touchpad to reset the view.

Turning off Notifications

When Notifications are turned off, you will not receive any audio notifications and incoming calls are ignored.

To turn off Notifications:

1. From an active VR screen, press and hold the (⤺) **Back** key.

2. Place the pointer on top of 🔘 **Notifications** and tap the touchpad. The screen displays 🚫.

To turn Notifications back on:

1. From an active Gear VR screen, press and hold the ⬅ **Back** key.

2. Place the pointer on top of 🅾 **Notifications** and tap the touchpad. The screen displays 🔘 .

Note: Once deactivated, you hear new notifications such as those for new incoming calls.

Adjusting Brightness

1. From an active Gear VR screen, press and hold the ⬅ **Back** key.

2. Place the pointer on top of ✳ **Brightness**, then position it over the displayed slider.

3. Swipe upward/downward over the touchpad to move the displayed slider up (increase brightness) or down (decrease brightness).

Calls

The icon displays on the screen if you receive a call while you are using the Gear VR.

► You can reject the call, by placing the pointer on top of your selection and tapping the touchpad.

► You cannot answer calls while using the Gear VR. To answer a call, separate the mobile device from the Gear VR and answer the call.

Caution! The mobile device may become hotter than normal when it is used with the Gear VR. To avoid overheating of the mobile device, it is recommended you answer incoming calls by connecting an audio headset or by using a speakerphone.

Important: If the 🌀 **Notifications** feature (from the Universal menu) is turned off, you are not notified of any new notifications and incoming calls are ignored.

Answering a call

4. When a call comes in, move your head to place the pointer on top of 📞 **Incoming Call** to display the caller's information.

5. Take off the Gear VR and separate the mobile device from the Gear VR.

6. Answer the call on the mobile device.

Note: When you answer a call, the currently running VR app closes.
If you do not see the calling pop up on your mobile device, you might have to tap the **X** at the top of the blank screen to close the current VR app.

Rejecting a call

1. When a call comes in, move your head to place the pointer on top of 📞 **Incoming Call**.

2. Move your head to place the pointer on top of 🔇 **Reject Call**.

3. Once the button highlights, tap the touchpad to reject the incoming call.

Viewing Notifications

While using the Gear VR, you can view general notifications, such as events, messages, and alarms when they display as a pop-up notification on the screen.
You can turn on the pop-up messages in the Universal menu.

To see more notification details, review them on the mobile device after you separate it from the Gear VR.

Note: The Gear VR blocks pop-up messages for notifications when the Do Not Disturb feature is activated.

Applications

Loading New Applications

Applications can be loaded from one of two locations:

- **STORE**: Found on the **HOME** screen.
- **OCULUS** app: Available on the mobile device's Applications page.

Loading Using the Gear VR Store

1. Navigate to the **HOME** screen, place the pointer on the **Store** tab and tap the touchpad.
2. Select an application type (**All** or **Samsung**).
3. Swipe through the available pages and select an application entry.
4. Place the pointer over the installation button (FREE or paid) and tap the touchpad to make your selection.
5. Once your application completes loading, select **Play**.

Loading from the Mobile Device

1. From the Home screen, tap **Apps** > **Oculus**.
2. Tap **Menu** and select either **Library** or **Store**.
3. Scroll to an available application and select **Download**.

4. Once successfully installed, place the mobile device securely back into the Gear VR compartment (Intellectual Property).

5. Navigate to the **HOME** screen, place the pointer on the **Library** tab and tap the touchpad.

6. Select the application and follow the prompts.

Uninstalling Existing Applications

You must uninstall applications from the OCULUS application (available on the mobile device's Applications page).

Uninstalling Apps from the Mobile Device:

1. From the mobile device's Home screen, tap ⊞ **Apps** > ⊙ **Oculus**.

2. Tap ☰ **Menu** and select **Library**.

3. Scroll to an available application and select **UNINSTALL**.

4. Once successfully uninstalled, place the mobile device securely back into the Gear VR compartment (Intellectual Property).

Updating Applications

You can update default apps and installed apps.

1. From within the Library screen, scroll upwards or downwards to locate an installed application.

2. Place the pointer on the ⬇ **Updates** key and follow the prompts.

Oculus Video

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

1. Navigate to the **HOME** screen, place the pointer on the **Library** button and tap the touchpad.
2. Swipe across your touchpad until the **Oculus Video** app displays.
3. Select **START** and choose a screen category from the top of the page. Videos are sorted based on the screen type.
   • **Shorts**: View or download free videos from Oculus that are optimized for a standard screen.
   • **Trailers**: View free movie trailers from Oculus that are optimized for a standard screen.
   • **My Videos**: View a video stored in the mobile device on a standard screen.
4. Select a video and then choose an available surrounding for your movie watching experience.

Note: When the video finishes, the next video automatically plays after several seconds.

To access the playback controls:

1. While the movie is playing, hover your pointer over the bottom area of the displayed movie and tap the touchpad.
2. Once the controls display, hover over a selection and use the touchpad to activate a function.
   • ▐▐ / ▶ : Pause and resume playback.
   • ◀◀ / ▶▶ : Rewind or fast-forward a video.

Tip: You can also swipe backward across the touchpad to rewind a video or swipe forward across it to fast-forward a video.

   • ▐▐▐ : View the list of available videos.

VR Gallery

View images and videos you created using the mobile device.

1. Navigate to the **HOME** screen, place the pointer on the **Library** button and tap the touchpad.
2. Swipe across your touchpad until the **VR Gallery** app displays.

Playing videos

► Select a video folder, then select a video to watch.

To access the playback controls:

1. While the movie is playing, hover your pointer over the bottom area of the displayed movie and tap the touchpad.
2. Once the controls display, hover over a selection use the touchpad to activate a function.
    - ❙❙ / ▶ : Pause and resume playback.
    - ◀◀ / ▶▶ : Rewind or fast-forward a video.
    - **Rewind video**: Swipe backward across the touchpad.
    - **Fast-forward video**: Swipe forward across the touchpad.

Viewing images

Select an image folder and then select an image.

- **View previous image**: Swipe backward across the touchpad.

- **View next image**: Swipe foward across the touchpad.

- **Enlarge image size**: Swipe upward on the touchpad.

- **Reduce image size**: Swipe downward on the touchpad.

- **Start slideshow using current image**: Tap **Play slideshow**.

- **Align screen in facing direction**: Press the (⤺) **Back** key twice.

Oculus 360 Videos

This application provides 360 degree views of available panoramic videos.

1. Navigate to the **HOME** screen, place the pointer on the **Library** button and tap the touchpad.
2. Swipe across your touchpad until the **Oculus 360 Videos** app displays.
3. Select **START** and choose a video. Turn your head and view a panorama of the video.
   - **View previous video**: Swipe backward across the touchpad.
   - **View next video**: Swipe forward across the touchpad.
   - **View list of videos**: Tap the touchpad twice.

Oculus 360 Photos

This application provides 360 degree views of available panoramic images.

1. Navigate to the **HOME** screen, place the pointer on the **Library** button and tap the touchpad.

2. Swipe across your touchpad until the **Oculus 360 Photos** app displays, then select **START.**

3. Select an available category type, then open a desired image folder, and select an image. Turn your head and view a panorama of the image.

While viewing the image, tap the touchpad to use the following features:

- ◄◄ / ►► : Navigates through images.
    - **View the previous image**: Swipe backward across the touchpad.
    - : Swipe forward across the touchpad.
- ♡ Sets the current image as your favorite image.