

About Your SHIELD controller

Your NVIDIA® SHIELD™ controller works with your SHIELD tablet and SHIELD portable for exceptional responsiveness and immersion in today's hottest games. It is the first-ever precision controller designed for both Android™ and PC gaming.

Your controller includes the following features:

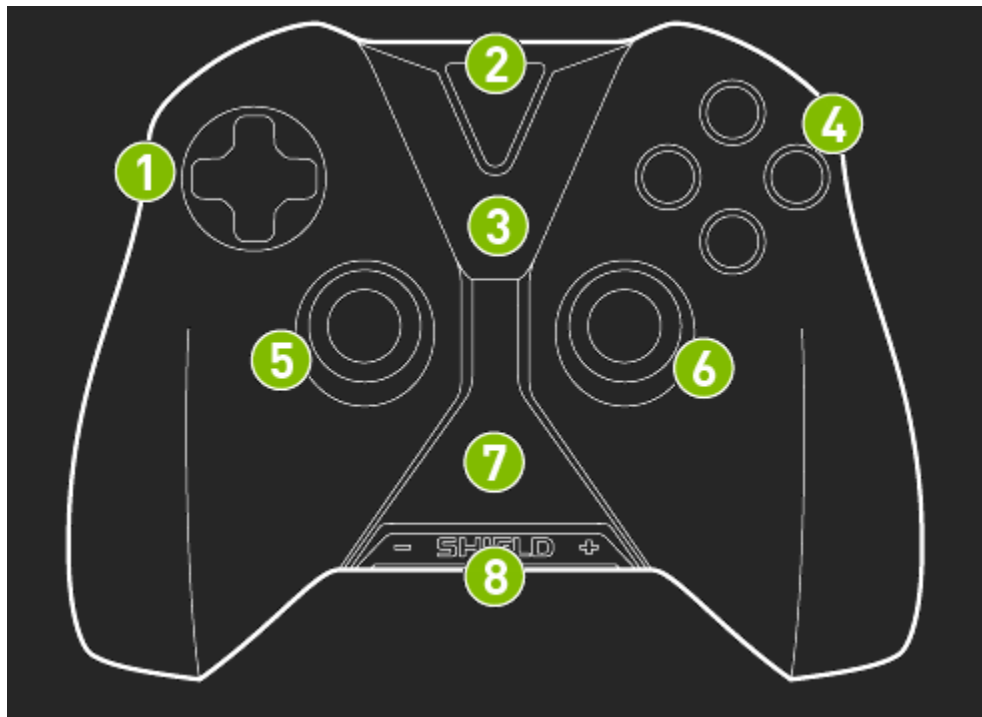
- Console-grade controls
- Ultra-responsive Wi-Fi performance
- Stereo headset jack with chat support
- Microphone for voice search
- Touch pad for easy navigation
- Rechargeable battery and USB charging cable

Your controller is compatible with the SHIELD portable and the SHIELD tablet. It can also be used as a wired controller for a Windows 7 or Windows 8 PC running GeForce Experience. Learn more about wired PC support [here](#). Your controller cannot be used with other Android devices at this time.

SHIELD controller Overview

The SHIELD controller box includes one SHIELD controller, one USB charging cable, one Support Guide, and one Quick Start Guide.

Shield controller



- 1 D-pad
- 2 NVIDIA button
- 3 Android navigation and Start buttons
- 4 A B X Y buttons
- 5 Left thumbstick
- 6 Right thumbstick
- 7 Touchpad
- 8 Volume control

Turn on or Turn Off your controller

How to Turn On the Controller

Tap the NVIDIA button.



How to Turn Off the Controller

Hold the NVIDIA button for 6 seconds.

The controller automatically turns off when you turn off the SHIELD device the controller is connected to. The controller also automatically turns off after 10 minutes of idle time.



NOTE The controller stays on during video and music playback on the SHIELD device. This allows the controller to be active to control media playback.

How to Connect Your Controller to a SHIELD Device

Your controller is compatible with the SHIELD portable and the SHIELD tablet. It can also be used as a wired controller for a Windows 7 or Windows 8 PC running GeForce Experience. Learn more about wired PC support [here](#). Your controller cannot be used with other Android devices at this time.

How to Connect Your Controller

The first time you use your SHIELD controller, you must establish a connection with a SHIELD device. This connection is saved for future use.

1. Verify that your SHIELD device has Wi-Fi turned on. The device does not have to connect to a network, but Wi-Fi must be turned on.



2. On your SHIELD device, open the SHIELD controller app
3. On your controller, tap the NVIDIA button. The NVIDIA button flashes to show that the controller is in connection mode. If the NVIDIA button is not flashing, hold the NVIDIA button until it starts flashing, and then release.
4. When the controller is connected, the Quick Guide opens and a controller icon shows in the status bar on your SHIELD device. This icon indicates that the controller is on and connected.
5. Optional: To connect an additional controller, repeat these steps on the additional controller.

How to Reconnect the Controller

Your controller automatically reconnects when the SHIELD device and the controller are turned on and in range.

1. Turn on your SHIELD device.
2. Turn on the controller.

How to Troubleshoot Connection Problems

- Verify that the controller has enough charge or connect the controller to a power source other than a computer.
- Verify that the controller is not connected to a computer. The controller cannot be connected to a SHIELD device while the controller is charging from a computer.
- Verify that the controller's NVIDIA button is flashing at the same time that the SHIELD device is searching for a controller. - On the controller, hold the NVIDIA button until it

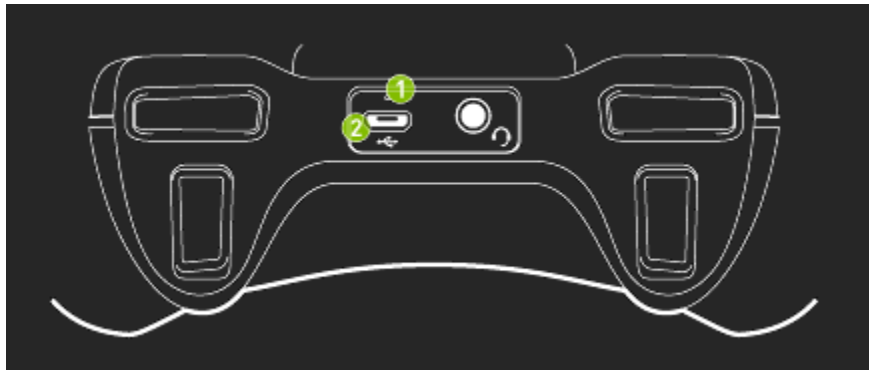
starts flashing. Open the SHIELD controller app on your SHIELD device to initiate the connection process.

- Verify that the SHIELD device has Wi-Fi turned on.
- Verify that only one controller in range is attempting to connect to the SHIELD device. The connection process for one controller must complete before you can connect another controller.
- Verify that only one SHIELD device in range is attempting to connect to the controller.
- Verify that the SHIELD device has the latest system update.
- Verify that the controller has the latest controller update. For more information, see [Update Your Controller](#).
- If your controller is still not responsive, hard reset the controller by holding the Nvidia button for 15 seconds.
- If you are still having trouble, please contact [customer support](#).

How to Charge Your controller

Your controller's battery provides up to 40 hours of gameplay on a full charge. A single hour of charge provides up to 8 hours of gameplay. The controller charges from empty to full in less than 5 hours.

When the battery reaches critically low levels, the NVIDIA button flashes three times and the controller turns off automatically. If your controller is connected to a SHIELD device, a low battery warning is shown before the battery reaches a critically low level.



1 Charge indicator. An amber light indicates that the controller is charging. A green light indicates that the controller is charged.

2 USB port. Connect the micro-USB end of the charging cable.

1. Connect the controller to a SHIELD device.

2. The controller battery level is shown in the controller icon in the system bar and in the Quick Settings.

Default Controller Actions



NVIDIA button. Tap to turn on the controller. When the controller is on, tap to activate Voice search. Try "Launch Netflix," or "Show me Oscar-winning movies." Hold to put the controller in connection mode.



Home. Tap to return to the Android home screen. Double-tap to view Recently Used Apps. Hold to broadcast, record, and share games.



Back. Tap to return to the previous screen.



Start. Tap to initiate Start. Hold to access controls for GAMESTREAM, GRID, and Gamepad Mapper.



A Button. Press to activate the selected item in most apps.



B Button. Press to move back or to cancel an action in most apps.



X Button.



Y Button. Press to open the main Menu in most apps.



Left Stick.



Right Stick. Move to activate or control the cursor. To select an item on the screen, press the right stick or press the Right Trigger or the A Button.



D-Pad.



Left Bumper. Press to navigate through the SHIELD Hub.



Left Trigger.



Right Bumper. Press to navigate through the SHIELD Hub.



Right Trigger.



Touchpad and Volume.

Touchpad. Touch the touchpad to move the cursor. Click the touchpad to select an item on the screen.

Volume. Press - to reduce the audio volume or + to increase the audio volume. Hold + and - together to mute and unmute. For more information, see [How to Use the Touchpad](#).

How to Find Controller Games

When your controller is connected to a SHIELD device, tap the NVIDIA button to launch the SHIELD Hub.

The SHIELD Hub makes it easy to find games that are optimized for your SHIELD device. Games are categorized by genre, controller support, release date, and other filters so that you can quickly find what you are looking for. Each game entry includes a brief description, rating, high-resolution screenshots and HD videos to help you make your choice.

You can also find hundreds of games on Google Play that have native controller support or Gamepad Mapper profiles that map your controller to game actions. For more information, visit [SHIELD Portable User Guide > Gamepad Mapper](#).

How to Control the Google Keyboard



D-pad or Left Stick. Move between keys or word suggestions.



A Button. Press or long press the selected key.



B Button or Back. Dismiss the Google keyboard.



X Button. Delete.



Y Button. Space






Left Stick. Click.



Right Stick. Click to toggle caps. Double-press to turn on Caps Lock.

How To Navigate Android Apps

Many Android apps do not support game controller navigation such as thumbstick and D-pad inputs. For these apps, use the Right Stick or the touch pad to move the cursor.

To select, press the Right Stick , the Right Trigger , or the A Button .

You can also press the touch pad to select.

How to Navigate with the Touchpad

To move the cursor, slide your finger on the touchpad.


To select an item, press the entire touchpad button.

How to Use Voice Search and Commands

Your SHIELD controller supports voice search and commands. Use the integrated microphone to search without typing, ask questions and get answers, open apps, and play songs and movies. For example, you can open the SHIELD Hub by saying "Open SHIELD." To start a Google search, initiate voice commands and ask your question.

[How to Use Voice Search](#)



1. On your controller, tap the NVIDIA  button to open Google Now in listening mode.
2. Ask a question or speak your search terms. For example, you can say "When was NVIDIA founded?"



1. On your controller, tap the NVIDIA button to open Google Now in listening mode.
 2. Speak your command.
- To open a game or app, say "Open" and the name of the game or app.
 - To listen to music, say "Listen to" and the name of the song.
 - To watch a movie, say "Watch" and the name of the movie.
 - To make a call, say "Call" and the name of the contact.

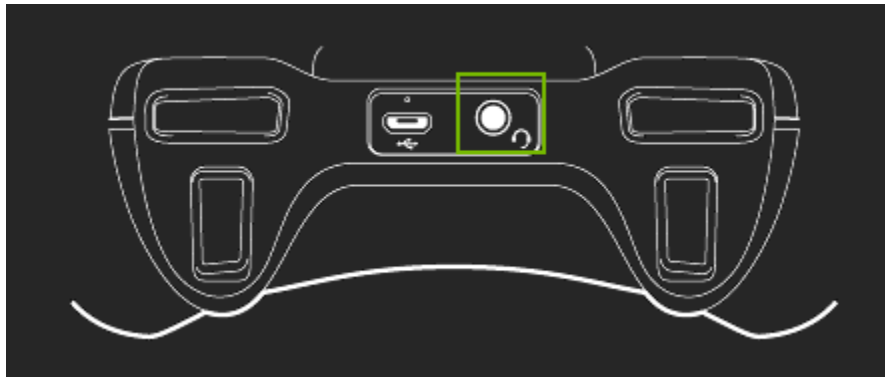
For more commands, please visit the [Google voice command support page](#).

How to Use Headphones and Headsets with Your Controller

Your controller supports headphones and headsets.

Plug the headphones (3-pin) or headset (4-pin) into the 3.5-mm jack on the back of the controller. When headphones are used, the internal microphone on the controller is available for voice search and chat. When a headset is used, the headset microphone is used for voice search and chat.

The headset jack provides independent volume control from your Android device and maintains your previous headset volume level the next time you use your headset.



How to Adjust the Volume

The volume buttons are located at the base of the touchpad.



To reduce volume, press —.

To increase volume, press +.

You can also use any volume control that is provided by your headphones or headset. However, those volume settings do not affect the volume settings on the controller.

How to Update Your Controller

Your controller may periodically receive updates from NVIDIA. When a controller update is available, a notification shows in the Notification shade on your SHIELD device. You can select the notification to install the update.

How to Update Your Controller

If an update is available, a notification icon shows in the system bar on your SHIELD device.

1. Connect your controller to a SHIELD device.
2. Open the Notifications shade.
3. Select Update Controller. Do not move or turn off your controller during the update process.