

Use the Bluetooth remote control

You can use the remote control that comes with your Google Fiber TV system (GFRM100) as either infrared or Bluetooth®. It is ready to use as an infrared remote with your TV Box when you receive it. If you want to use it to control your TV as well, you can program it by following the instructions in [Program the remote for your TV](#). If you want to use it as a Bluetooth remote, you must pair it by following the instructions in [Pair the remote with a TV Box](#).

The following table describes the most common functions of the buttons on the standard remote control provided with your system. Some buttons have more than one function, depending on what is displayed on your TV screen at the time you press them.



The Bluetooth remote control must be within 10 meters of the TV Box, assuming there are no significant obstructions.

Button	Function
tv box	Toggles between turning on the TV Box and putting it in standby mode.
tv	Toggles between turning the TV on and off. (This button is programmable. See Program the remote for your TV for details.)
input	Switches between types of input to your TV, such as Google TV, a Blu-ray player, a game box, or something similar. (This button is programmable for most TVs. See Program the remote for your TV for details.)
	Stops the current recording from playing and returns to the last content you were watching.
	Records the content you are watching. (Note that since everything you watch is recorded, this actually confirms that the DVR should keep that recording and that it should continue recording that show, even if you stop watching it.) Also, schedules a program that is highlighted on the on-screen guide or info overlay to be recorded. Press it again to display recording options.
	Press the top to play the highlighted or selected show or stack of highlighted shows. Also, resumes playing after pausing. Press the bottom to pause the content you are watching. Press the pause button repeatedly to advance forward one frame at a time.
	Rewinds the content you are watching. (Does not work while paused.)
	Fast-forwards the content you are watching. (Does not work while paused.)



tv box



tv

input





Skips back 15 seconds in the current program, by default, or by the length of time you set in your [customized skip and time-out settings](#). Also horizontally pages left through lists.



Skips forward 15 seconds in the current program, by default, or by the length of time you set in your [customized skip and time-out settings](#). Also horizontally pages right through lists.



Displays the main menu, which disappears after a few seconds, if you do nothing more. (See [Use the main menu options](#) for details.)



Jumps back to the previous screen of info or content.



Displays the on-screen program guide. (See [Use the on-screen guide](#) for details.) Press again to dismiss the guide.



- ▲ Moves the highlight up.
- ▼ Moves the highlight down.
- ▶ Moves the highlight right.
- ◀ Moves the highlight left.

ok - Selects the highlighted item. While watching full-screen video, displays info about the current show (same as **info** button).



Exits the current screen and returns to the content you were watching previously. For Google Fiber TV apps, press this button to exit the app.

info

Displays information about the current show. (This button is programmable. See [Program the remote for your TV](#) for details.)



- + Increases the volume.
- Decreases the volume.



Displays the Search screen. (See [Search for content](#) for details.)

Press  to dismiss the Search screen and return to the content you were watching previously.



Mute button turns off the TV's sound temporarily. Press again to return the sound to its previous volume. (This button is programmable. See [Program the remote for your TV](#) for details.)



When watching TV:

- + Changes the channel to the next higher number.
- Changes the channel to the next lower number.

When viewing a list:

- + Vertically pages up.

– Vertically pages down.



Allows you to enter numbers or words when required.

- del** Deletes the last character entered. Also deletes the highlighted item(s) (with a prompt for you to confirm the deletion) and can be used to delete an entire group of recordings at once. (See [Delete a recorded show](#) for details.)
- prev** While watching TV, shows the list of previously viewed channels while watching TV, and you can quickly switch to any channel listed. While viewing information, switches to the previous page of information.

For safety information, see [Remote control product info](#).

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Program the remote for your TV

You can program the remote control to operate your TV, as well as the TV Box. Although the Installation Specialist programmed it for you at installation time, this procedure is provided to help you do it yourself, if necessary.

Use any of the following methods to program the remote:

- TV brand search (recommended):

1. Turn on the TV using the TV's original remote control.
2. On the Google Fiber TV remote control, press and hold the  **tv** and **ok** buttons together for three seconds.

The  **tv** button blinks twice and then stays on.

3. Release both buttons.
4. Enter the 4-digit code for the TV brand.

See [TV brand codes](#) for a list of TV brands and the code for each.

After you enter the fourth digit of the TV brand code, the TV Power button blinks twice and then stays on.



If it blinks several times and then turns off, the code was invalid. Go back to the previous step, and try again. If it fails again, try the manual programming method.

5. Pause for three seconds.
6. Press and hold  **tv** until the TV turns off.

While you hold the  **tv** button down, the remote control tests each code for the specified brand until it finds the right one. When it finds the right code, it turns the TV off.



If the  **tv** button starts blinking, it means that it tried all of the codes, but none were successful. Repeat the process. If it fails again, try the manual programming method.

7. When the TV turns off, release  **tv**.
8. Press  **tv** to turn on the TV.
9. Press **ok** to exit programming mode, and [confirm that the programming worked](#).

- Manual:

1. Turn on the TV using the TV's original remote control.
2. On the Google Fiber TV remote control, press and hold the **1** and **3** buttons together for three seconds.

The  **tv** button blinks twice and then stays on.

3. Release both buttons.
4. Enter the code for the TV model.

See [TV model codes](#) for a list of TV models and the code for each.

After you enter the last digit of the TV model code, the  **tv** button blinks slowly.



If the  **tv** button blinks quickly, it indicates that the code was invalid. Go back to the previous step, and try again.

5. Press  **tv**.

- If the TV turns off, press **ok** to exit programming mode, and [confirm that the programming worked](#).
- If the TV does not turn off, go back to the previous step, and try the next code on the list.

If you try all the codes on the list but none are successful, try the IR learning method.

- IR learning:



This programming method requires the original remote control that came with the TV, as well as the Google Fiber remote control.

1. Turn on the TV using the TV's original remote control.
2. On the Google Fiber TV remote control, press and hold the **1** and **5** buttons together for three seconds.

The  **tv** button blinks twice and then stays on.

3. Release both buttons.
4. Press the first learnable button that you want to program.

The learnable buttons are:

-  **tv**
- **input**
- **vol up/down**
- 

The  **tv** button LED turns on.

5. Hold the original TV remote control about two inches from the Google Fiber remote control, and point the infrared sensors toward each other.
6. Press and hold the button **on the original TV remote** that you want to program on the Google Fiber remote.
 - If the learning works, the programmed button on the Google Fiber remote blinks twice, and the LED stays on.
 - If the learning does not work, the button does not blink. Try again.
7. Press the next learnable button that you want to program, and repeat the two previous steps.
8. Repeat the process for each learnable button that you want to program.
9. When you finish programming the learnable buttons, press **ok** to exit programming mode, and [confirm that the programming worked](#).

Confirm that the remote control can control the TV by making sure that the following buttons result in the appropriate actions:

-  **tv** turns the TV on and off.
- **input** changes the source of input on the TV (such as from the TV Box or from a connected Blu-ray player or other device).
- **vol up/down** changes the volume.
-  toggles between muted and normal audio.

These are the only buttons on the remote that control the TV. If they behave as expected, the remote control programming is complete.

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Pair the remote with a TV Box

Your Installation Specialist programmed the Google Fiber remote controls to operate your TVs, as well as the TV Boxes at installation time. This included pairing the Bluetooth® capability of the remotes with your TV Boxes. This procedure is provided to help you do it yourself, if it is ever necessary.

If you want to use a Bluetooth remote that has already been paired with another TV Box, you must first unpair it from the previous TV Box.

To unpair your Bluetooth remote:

1. Hold down the  **tv box** and **DEL** buttons together for three seconds until  **tv box** blinks twice.

The Bluetooth remote is unpaired.

To pair a Bluetooth remote with a TV Box:

1. Point the Bluetooth remote at the TV Box.
2. Press any key (except  **tv** and **input**) and release it while continuing to point it at the TV Box.

Remote control product info

Introduction

This Google Fiber TV Remote Control Product Information Guide contains important safety, recycling, warranty, and license information. If you would like more details about using your remote control, refer to [Use the Bluetooth remote control](#).

Safety first!

Please read these instructions before using your remote control. We do not want you to get hurt or your remote control to get damaged.

- Do not use your remote control near water. If you need to clean it, do not use a wet towel. Keep your remote control dry.
- Do not place your remote control near any heat sources, such as hot appliances like heaters and radiators, other electronics like computers and stereos, or inside your fireplace. Your remote control is cool, and you should help it to stay that way.
- The remote control is for indoor use only. Please do not try to use it outside.
- Protect your remote control's power cord by allowing it to loosely rest between the device and the power outlet. Do not stretch it or compress it between objects.
- Do not try to open, modify, or repair your remote control (except to replace the batteries periodically as instructed below). This could cause electric shock or injury to you. Any customer modification not expressly approved by Google voids your authority to operate the equipment and will void your device warranty. If you think something is wrong with your remote control, please [contact Google Fiber support](#).
- If your remote control gets wet or it is generally not behaving properly, please [contact Google Fiber support](#).

Safe keeping

- Handle your remote control with care. Do not drop or shake your remote control.



WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to the remote control or your property.

Aside from replacing batteries, do not attempt to open or modify the remote control. If you do so, you run the risk of electric shock or injury. This action also voids your warranty. There are no user-serviceable parts inside the remote control.

To reduce the risk of fire or electric shock, do not expose remote control to the outdoors, liquid, moisture, excessive heat, or fire.



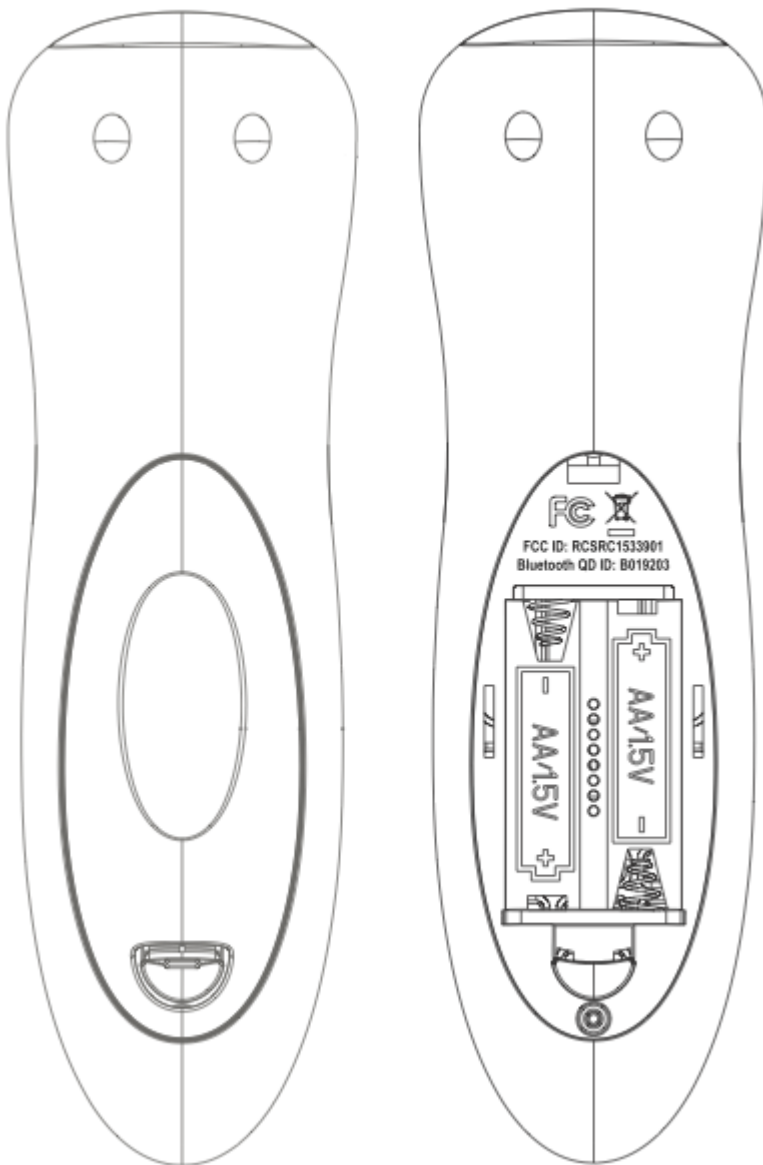
Caution: This remote control is not a toy. Keep it out of reach from children under the age of six.

Choking hazards

The remote control packaging may include plastic bags and tie-wraps. Please dispose of these properly and keep them out of reach of children, as they could present a choking hazard. Keep the remote control, its batteries, and its accessories out of the reach of small children.

Batteries

The Google Fiber TV remote control requires two AA batteries. The diagram inside the battery compartment (shown below) indicates the proper placement of the batteries.



Handling disposable batteries

This product may contain disposable batteries. Heed the following warning and follow the battery safety and disposal instructions below.



WARNING: There is danger of explosion if the battery is mishandled or incorrectly replaced. Replace only with the same type of battery. Do not disassemble batteries or attempt to recharge them outside of the remote control. Do not crush, puncture, dispose of in fire, short the external contacts, or expose to water or other liquids. Dispose of the battery in accordance with local regulations and instructions from your service provider.

Battery safety

- Insert batteries correctly. There is a risk of explosion if the batteries are incorrectly inserted.
- Do not attempt to recharge "disposable" or "non-reusable" batteries.
- Replace used batteries with new AA batteries only.
- Do not expose batteries to excessive heat (such as sunlight or fire).
- Do not expose batteries to temperatures above 100°C (212°F).

Battery disposal

- The batteries might contain substances that could be harmful to the environment.
- Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations.
- The batteries might contain perchlorate, a known hazardous substance, so special handling and disposal of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substance, see www.dtsc.ca.gov/HazardousWaste/Perchlorate/.

Regulatory compliance information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Google clean and green

We care about your remote control, your service, your home, your Fiberhood, and the container for all these things—planet Earth. Our sustainability commitments are available at google.com/green.

Please do not dispose of your remote control in the trash. If you would like to dispose of your remote control, please [contact Google Fiber](#) for details about how to return it for proper disposal.

Google Fiber Device Limited Warranty

Google Fiber warrants the remote control against defects in materials and workmanship under normal use (“Limited Warranty”).

This Limited Warranty is only valid and enforceable in cities where Google Fiber makes its services available. This Limited Warranty will not apply if you acquire your remote control from a party other than Google Fiber. This Limited Warranty only applies to hardware components. Google Fiber does not provide any warranty for damage caused by normal wear and tear, accidents, misuse (including failure to follow product documentation), neglect, disassembly, alterations and external causes such as but not limited to extreme thermal or environmental conditions. This Limited Warranty does not guarantee that use of the remote control will be uninterrupted or error free.

EXCLUSIVE REMEDY FOR THE REMOTE CONTROL: If a defect arises with the remote control at any time while you are still a Subscriber to Google Fiber services, we will in our sole discretion and to the extent permitted by law either repair the defective device using new or refurbished parts or replace the defective device with a new or refurbished device with functionality at least equivalent to the defective remote control. If Google Fiber repairs or replaces any remote control, the repaired or replaced remote control will continue to be warranted for the remaining time of the original warranty period. All returned parts for which you have received a replacement will become the property of Google Fiber. To make a warranty claim, please [contact Google Fiber support](#).

In order to qualify for the remedies above, you must provide your name, contact information, subscriber information and the serial number of the remote control about which you have questions to receive support.

THE LIMITED WARRANTY WRITTEN ABOVE IS THE ONLY EXPRESS WARRANTY GOOGLE FIBER PROVIDES FOR THE REMOTE CONTROL, AND THE ABOVE REMEDIES ARE YOUR ONLY REMEDIES. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, GOOGLE FIBER EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS OF ANY KIND, WHETHER STATUTORY OR IMPLIED, REGARDING THE REMOTE CONTROL, EXCEPT THAT ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT ARE LIMITED IN DURATION TO TWO YEARS.

Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

No employee or representative of Google Fiber or its affiliates or any third party is authorized to make any modification, extension or addition to this Limited Warranty. If any term of this Limited Warranty is held to be illegal or unenforceable, the remaining terms of this Limited Warranty will remain in full force and effect.

This warranty gives you specific legal rights, and you may have other rights which vary from State to State.

Google Fiber contact information

Google Fiber Customer Support
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Our [contact page](#) also provides ways for you to reach us by chat or email.