

How AirPlay works when used on smart TV

After CES 2019, many smart TV models from different manufacturers such as Samsung, LG ... are now incorporating Apple's AirPlay 2 technology, and countless other brands are not hiding their intention to bring AirPlay 2. up your products.

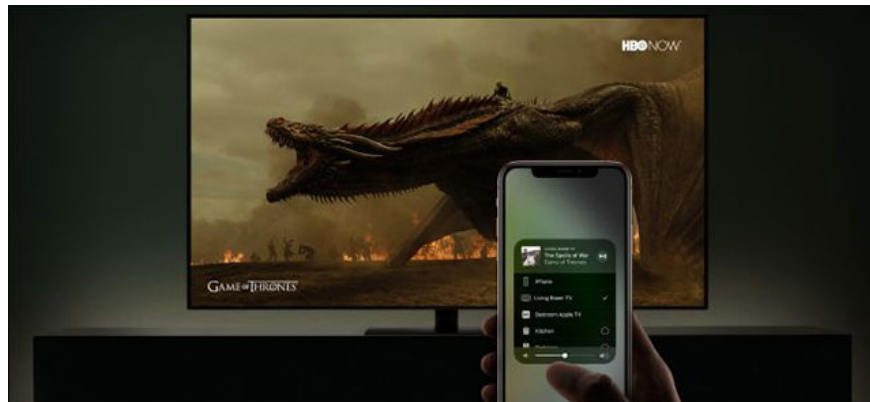
After CES 2019, many smart TV models from different manufacturers such as Samsung, LG . are now incorporating Apple's AirPlay 2 technology, and countless other brands are not hiding their intention to bring AirPlay 2. up your products.So what is this technology?How will it work on smart TV models?Let's find out later.

1. Apple brings iTunes and AirPlay 2 to Samsung smart TV models

AirPlay 2 on smart TV

1. What is AirPlay 2?
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4. What about HomeKit and iTunes?
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What is AirPlay 2?



AirPlay 2 is Apple's proprietary wireless image and audio protocol.Standard AirPlay 2 from Apple allows you to use the manufacturer's devices to control the playback of media files, broadcast audio, screen presentations or perform other similar tasks.AirPlay 2 is built into Apple devices like iPhone, iPad and Mac.It's a good comparison that AirPlay 2 is an Apple Chromecast version.

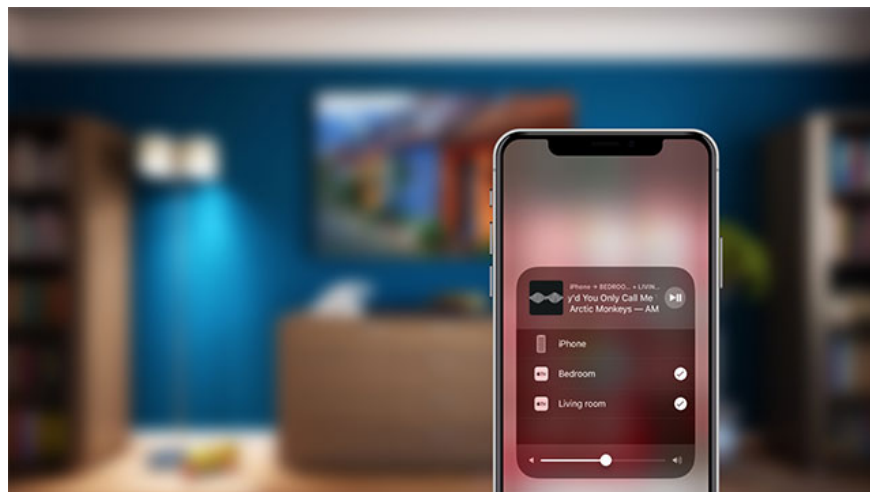
Previously, you could also use AirPlay with your TV but on the condition that you were using Apple TV (still belonging to Apple's ecosystem). However, there are also unofficial AirPlay receiving software programs that you can use on your PC or Mac (already connected to the TV), but of course won't be as stable as the version 'Government'. The good news is that AirPlay will now be integrated into many smart TV products from different manufacturers, not necessarily in Apple's ecosystem.



This is not a replacement for Google Chromecast. There will still be TVs that integrate both Chromecast and AirPlay. You can use any platform that you find most suitable, this is not required.

AirPlay is currently not officially supported on Windows, but VideoLAN has announced plans to integrate AirPlay support features into future versions of the popular VLC Media Player, which works on Windows, as we know it. , VLC has also integrated support features for Chromecasting.

What can I use AirPlay 2 for?

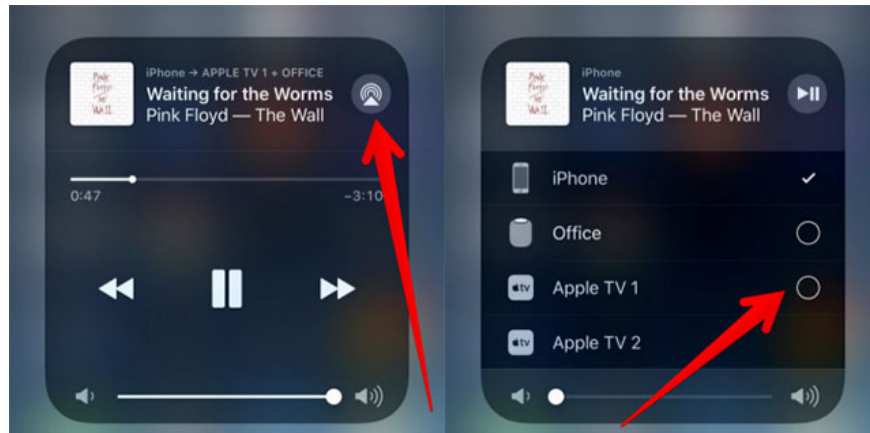


Here are some things you can do with AirPlay:

1. Browse for something to watch on Netflix, iTunes or other services on your iPhone, and send it on the big screen TV. The TV will broadcast content from the cloud. After that, you can use your iPhone to control

- operations like play, pause, volume up or down .
2. Show photos and videos from your iPhone on TV, and manage the slideshow right on your phone.
 3. Play music (or any other type of audio) on TV and synchronize it with compatible AirPlay 2 speaker systems in many other locations in your home.
 4. Directly display the actions displayed on the iPhone, iPad or Mac screen on the TV screen in real time.

How can I use AirPlay 2 on TV?



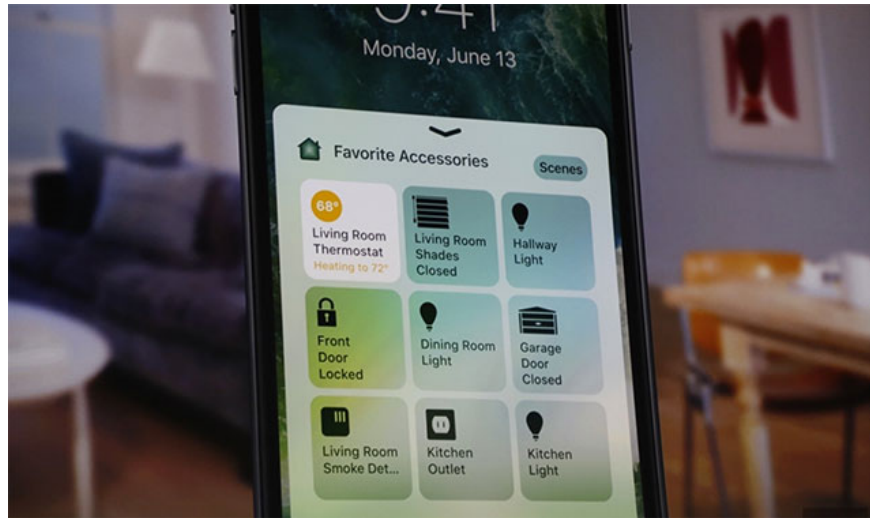
We have seen AirPlay 2 work on some smart TV models at CES 2019 and this feature will soon reach consumers. How to use Airplay 2 on smart TV models is as follows:

Once you have a TV that supports AirPlay 2, the TV will appear as an AirPlay device on your iPhone, iPad or Mac. You can choose this smart TV just like with Apple TV, HomePod or other AirPlay enabled devices.

In other words, it's like using AirPlay with Apple TV the day before, but you won't need any additional hardware support.

It can also be seen that integrated TV models will display information about AirPlay right on their home screen. You can select the AirPlay option right on the TV's main screen to see specific instructions, describing how to use AirPlay with your TV.

What about HomeKit and iTunes?



Some smart TV models also include HomeKit support features, allowing you to use Siri to control the TV just like any other smart home device. These TV models also include iTunes Movies & TV Shows, so you can watch iTunes videos right on your TV without having to use any other Apple device.

Different TV manufacturers are also choosing to support different features. Some TV models have AirPlay and HomeKit but no iTunes integration, while other TV models have AirPlay and iTunes but are not integrated with HomeKit.

Specifically, we all know that Samsung's upcoming Smart TV models will be integrated with Airplay 2 and iTunes, but they do not support HomeKit. LG and Vizio products will have AirPlay 2 and HomeKit, but not iTunes integration. However, you can always stream video content from iTunes to TV using AirPlay 2.

1. Invite to see the giant curved screen made from LG's OLED TVs

Which TV models will support AirPlay?



Upcoming TVs from LG, Samsung, Sony and Vizio will be integrated with AirPlay 2. Here is the full list of smart TV models that will support AirPlay 2 up to now (from Apple's website):

1. LG OLED (2019)
2. LG NanoCell SM9X Series (2019)
3. LG NanoCell SM8X Series (2019)
4. LG UHD UM7X Series (2019)
5. Samsung QLED product line (2019 and 2018)
6. Samsung 8 product line (2019 and 2018)
7. Samsung 7 product line (2019 and 2018)
8. Samsung 6 product line (2019 and 2018)
9. Samsung 5 product line (2019 and 2018)
10. Samsung 4 product line (2019 and 2018)
11. Sony Z9G Series (2019)
12. Sony A9G Series (2019)
13. Sony X950G Series (2019)
14. Sony X850G series (2019 85, 75, 65 and 55 inch models)
15. Vizio P-Series Quantum (2019 and 2018)
16. Vizio P-Series (2019, 2018 and 2017)
17. Vizio M-Series (2019, 2018 and 2017)
18. Vizio E-Series (2019, 2018 and 2017)
19. Vizio D-series (2019, 2018 and 2017)

In addition, Vizio also announced plans to update AirPlay 2 for their 2016 4K UHD SmartCast TV models, although this product is not listed on Apple's website.

Certainly in this year 2019, there will be more smart TV models from other manufacturers participating in the game with AirPlay 2, so be prepared to wait for any new technologies!

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