

The TV Remote



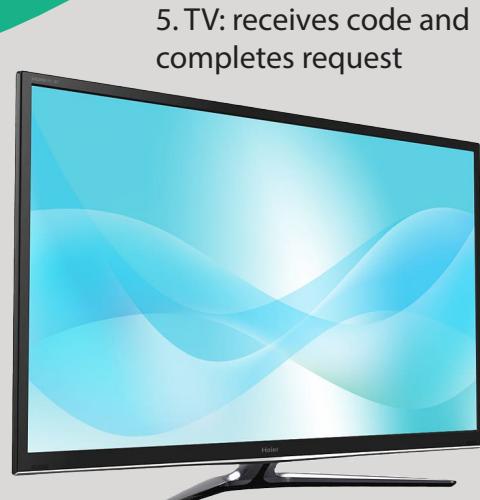
1950s: The first remote used light and could change channel or mute the TV.

1960s-70s: Remotes began using ultrasonic technology and had a few buttons (shown to the left).

1980s: Infrared light takes over as medium to communicate. Remotes filled with buttons and hit peak usage in the 1990s and 2000s.

<https://www.pinterest.com/pin/519813981965352808/>

Origins



5. TV: receives code and completes request

<https://electronics.howstuffworks.com/inside-rc.htm>

<https://www.remoteoz.com/benefits-of-remote-controls/>

<https://www.bbc.com/future/article/20180830-the-history-of-the-television-remote-control>

Ease of use

Began a remote control revolution

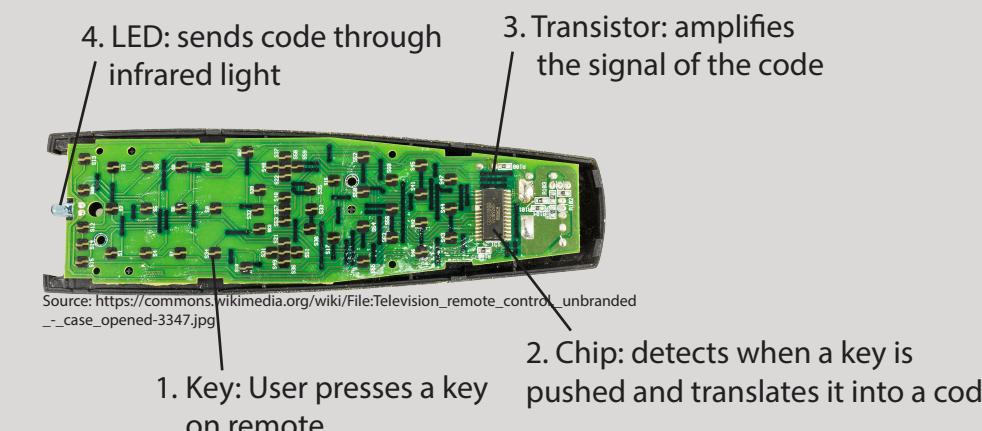
More convenient to adjust TV settings

Impacts

Communication Technology

1. Humans communicate to the remote by pushing a button.
2. The remote communicates to the TV what it detects.
3. The TV receives the information and responds accordingly.

How it Works



Uses

Turn TV on/off

Change Channel

Adjust Volume

Change Video Source

Format Screen

Etc.

Future

Mobile Devices

They are always on us. Soon software will allow for the same functionality of traditional remotes on a phone.



Smart Speakers/Voice Command

Instead of pushing buttons, consumers will be able to tell the tv to change channels.

<https://www.lowes.com/pd/Amazon-Echo-Dot-3rd-Gen-Charcoal/1001048552>