

Modern television



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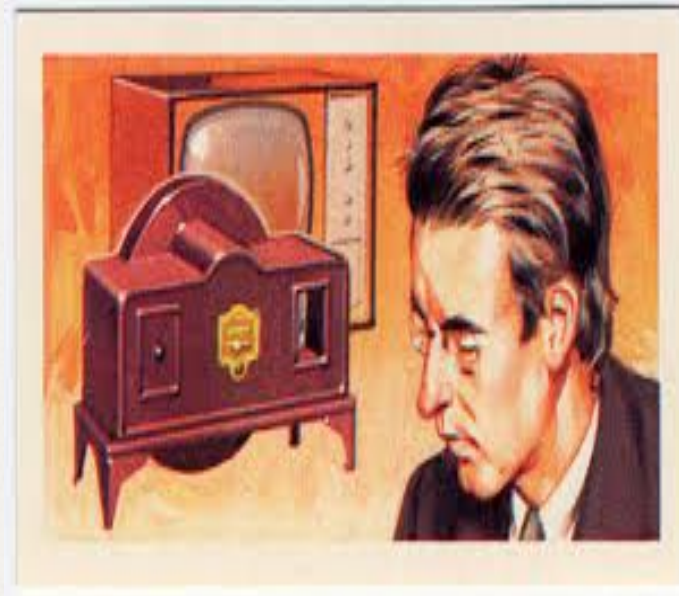
The biggest developments in TV tech.



The beginning of TV history

TV history was made 92 years ago when on May 26th 1927 John Logie Baird publically demonstrated television.

In 1928 the Baird Television Development Company (BTDC) completed the first trans-Atlantic television transmission, between London and New York



Cathode ray tube

Each CRT set has a vacuum tube with electron guns that beam red, green and blue electrons onto a phosphor screen.

The rays scan the dark screen, building up thousands of red green or blue dots to create picture.

CRT



Digital television

For the viewers, watching digital TV meant retuning an existing Freeview set or buying a digital box if your TV wasn't a digital model.



High definition

A higher resolution picture has more lines and is much sharper, colourful and more detailed. It's no surprise stars were worried their flaws and wrinkles would be more visible with the advent of HD TV.



3D

In the early 2010s 3D television was being pushed as the next big viewing trend

But despite the efforts of manufacturers, 3D TV failed to capture the public's imagination. It wasn't particularly comfortable to watch, you had to wear glasses and you needed to sit directly in front of the set to get the full benefits of the technology.



LED TV

In the mid 2010's LED(светодиодная подсветка) screens became popular

There are two different types of LED TV.:

Edge-lit panels have lamps around the edge of the screen.

Back-lit panels have LEDs all over the back of the screen.



Smart TVs

Television sets dubbed 'smart' TVs have built-in internet connectivity. This allows them to connect to a router, usually via an Ethernet cable or plug-in wi-fi dongle, to get online.



OLED

TV sets are a variation on LED, but without a backlight.

OLED is also physically flexible, LG created a screen that rolls up . This could dramatically change the way a home TV looks, opening up the possibility of curved sets and even screens that can be peeled off the wall.



Video on demand

Video on demand lets you choose exactly what you want to watch, so you are not at the mercy of TV schedulers



Ultra HD or 4K

The advantage of such a high resolution is in the amount of detail you will be able to see. From the petals of a flower in a nature programme to beads of sweat on a footballer's face, pictures will be incredibly realistic and close to real life.



A powerful source of entertainment and information



Some people prefer to spend their free time watching light TV programmes while others prefer watching political and educational programmes.

Commercials

TV viewers dislike a TV commercial. They sure it can spoil the impression of any programme.



