

- Projector — an optical instrument designed to generate an actual image of a flat object of a small size on the big screen. The appearance of projection devices led to the emergence of cinema related to projection art.



The history of the projector

The first projection device appeared in the middle of the 17th century-the famous "magic lantern" (laterna magica) Christian Huygens. Huygens needed the device for his scientific lectures. But soon the device was adapted to show dancing ghosts and skeletons. In the 18th century in connection with growth of interest in the natural Sciences, magic lantern have more use in the scientific and educational purposes. In the 19th century Edison created the kinoscope, Lumiere brothers opened the era of cinema. A "magic lantern" remained a home entertainment.



Multimedia projector

- Multimedia projector (the term "Digital projector" is also used) - with the advent and development of digital technologies, this name was given to two, generally speaking, different classes of devices: A real-time video signal (analog or digital) is input to the device. The device projects the image to the screen. It is possible to have a sound channel. The device receives a file or a set of files (slideshow) — an array of digital information on a separate or built-in media or from a local network. Decodes it and projects the video image onto the screen, possibly reproducing sound. In fact, it is a combination of a multimedia player and a projector in one device.

Multimedia projectors can be divided into several categories: Professional solutions for the entertainment industry, cinemas, large presentations. These are expensive, high-tech devices of large size. Projectors for business and education - a device with high performance and designed for high load and continuous operation. Multimedia projectors for home-used to create home theaters, for games and entertainment. These are the most inexpensive devices available to the majority of buyers, but at the same time satisfying all necessary requirements to quality.

