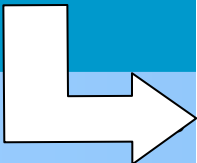


TV-Technology And Evolution Of The Screen !

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TV History



- ◆ From 1880 to 1899 : Period of dreams.
- ◆ 1900 first utilisation of “Television” word.
- ◆ From 1928 to 1934 : First mechanical TV.
- ◆ From 1935 to 1941 : Electronic TV begins
- ◆ July 1 1941 : First commercial, electronic and Black&White television in USA.
- ◆ June 25 1951 : First mechanical Color TV
- ◆ May 1954 : All electronic Color television are sells at 1000 \$.
- ◆ 1990 : General instrument announces Digital Hi-Definition System

TV Class



- ◆ **CRT TV** : Abbreviation of Cathode-Ray Tube, the technology used in most televisions and computer display screens A CRT works by moving electrons



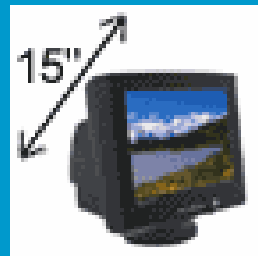
- ◆ **Plasma TV** : Plasma screen technology is to illuminate tiny colored fluorescent lights to form an image. Each pixel is made up of three fluorescent lights -- a red light, a green light and a blue light.



- ◆ **LCD TV (Liquid Crystal Display)** The technologie of LCD monitors is based in utilistaion of a liquid-crystal solution held between two transparent and polarized sheets.

Cathodic TV

- ◆ The most common types of monitors that are used today.
- ◆ One of the biggest monitors.
- ◆ CRT monitor is capable of displaying unlimited colors.
- ◆ CRT screen can be looked at from a very wide angle.



Plasma TV



- ◆ Wide viewing angle.
- ◆ Plasma displays are not produced smaller than 32".
- ◆ The following inputs are not recommended:
 - Computer Input
 - Video Game input
- ◆ Brightness rate is about 100 cd/m².
- ◆ More deeper and fragile that is why we need additional support for professional installation.
- ◆ Life-span of 20,000 to 30,000 hours.
- ◆ Plasma displays require more power.

LCD TV



- ◆ Wide TV viewing angles (160..170 degrees).
- ◆ Different variety of sizes: from 13" to 45".
- ◆ LCD offer the most versatile input options.
- ◆ Brightness is typically about 400 cd/m².
- ◆ LCD panels are lighter and more manageable.
- ◆ Life-span of ~ 60,000 hours.
- ◆ We Save energy, costs and the environment.
- ◆ TVs offer screen sizes for every room and budget.
- ◆ Make your investment last longer.

Future TV

- ◆ An important difference between plasma and LCD technology is that an LCD screen doesn't have a coating of phosphor dots.
- ◆ It is very difficult to choose what TV for your home or what Monitor for your PC !
- ◆ Portable television (mobile-phones, PDA,)
- ◆ ADSL Television.

