

White Paper

TECHNOLOGY UPDATE

Digital Television

Is Your Television Obsolete?

Is your current television slated to become obsolete in the next couple of years ... regardless of how much you paid for it?

The simple answer is ... maybe! But that's not the whole story, as you'll see.

In 1998, the FCC mandated that all American television stations convert to digital by 2006. This was done to move the U.S. into the "digital" future. The vision was for a complete home entertainment and information system capable of handling television, computers and the Internet.

To speed up the digital transition, the FCC also ruled that **all new televisions** offered for sale after 2004 must be able to receive digital broadcasts. The intent is to "turn off" the old TV channels when sufficient Digital TVs (DTVs) have been sold.

Older, non-digital TVs, will require a digital adapter to pick up the digital channels, or will simply not work at all. Even with digital adapters, these older televisions won't be capable of displaying the improvements inherent in the new digital system.

Why digital?

Digital television promises a number of advanced features and capabilities. Chief among them is vastly improved picture quality, both from the broadcasters transmitting the signals to the capability of the DTV to display it.

In the area of sound reproduction, DTV will offer stereo sound for standard programs and Dolby digital surround sound for movies and other major events.

Last, but certainly not least, future DTV sets will incorporate computer and Internet compatibility for a truly integrated home information system..



The promise of HDTV!

High definition television (HDTV) is the "crème de le crème" of digital television. HDTV delivers a photo quality, beautifully detailed picture on a widescreen theater-like display. This superb picture is perfectly complemented by Dolby Digital surround sound and represents the pinnacle of home theater viewing.

HDTV broadcasts and CableTV!

The FCC has given TV broadcasters flexibility to transmit a combination of "standard definition" and "high definition" programming. Most have chosen to broadcast HDTV only in the evening.

The difference between them is startling. Tune into a high definition broadcast of a movie or sporting event on an HDTV set and you'll marvel at the stunning clarity and detail. It's simply unbelievable.

Just recently, Comcast Cable announced plans to broadcast high definition programs over their local cable system by year's end. This is a major step forward and will further accelerate our transition to the digital future.

Plan accordingly!

For further information give us a call.



Project Design, Management, Installation and Support Services
3732 Rochester Road, Troy, MI 48083 248.528.2710 info@pecars.com