



# THE AMERICAN RADIO RELAY LEAGUE, INC.

## COLORADO SECTION PUBLIC INFORMATION OFFICE

### NEWS RELEASE



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### **THE AMERICAN RADIO RELAY LEAGUE COLORADO SECTION URGES TV VIEWERS TO GEAR UP FOR THE CONVERSION TO ALL-DIGITAL TELEVISION**

TRINIDAD, CO -- After February 17, 2009, full-power television stations will broadcast in digital only. In 1996, the U.S. Congress authorized the distribution of an additional broadcast channel to each broadcast TV station so that they could start a digital broadcast channel while simultaneously continuing their analog broadcast channel. Later, Congress mandated that February 17, 2009, would be the last day for full-power television stations to broadcast in analog. The switch from analog to digital broadcast television is referred to as the digital TV (DTV) transition. Broadcast stations in all U.S. markets are currently broadcasting in both analog and digital.

Dustin Cox, N0DRC said, "February 2009 will be here sooner than we think. Now is the time for us all to get up to speed on DTV: what is it; what does it mean to me; what do I need to do? We at the Colorado Section of the American Radio Relay League

encourage everyone to educate themselves on this important issue."

Digital broadcasting allows stations to offer improved picture and sound quality, and digital is much more efficient than analog. For example, rather than being limited to providing one analog program, a broadcaster is able to offer a super sharp "high definition" (HD) digital program or multiple "standard definition" (SD) digital programs simultaneously through a process called "multicasting." Multicasting allows broadcast stations to offer several channels of digital programming at the same time, using the same amount of spectrum required for one analog program. So, for example, while a station broadcasting in analog on channel 7 is only able to offer viewers one program, a station broadcasting in digital on channel 7 can offer viewers one digital program on channel 7-1, a second digital program on channel 7-2, a third digital program on channel 7-3, and so on. This

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means more programming choices for viewers. Further, DTV can provide interactive video and data services that are not possible with analog technology.

An important benefit of the switch to all-digital broadcasting is that it will free up parts of the valuable broadcast spectrum for public safety communications (such as police, fire departments, and rescue squads). Also, some of the spectrum will be auctioned to companies that will be able to provide consumers with more advanced wireless services (such as wireless broadband).


For viewers who have one or more televisions that receive free over-the-air programming (with a roof-top antenna or “rabbit ears” on the TV), the type of TV you own is very important. A digital television (a TV with an internal digital tuner) will allow you to continue to watch free over-the-air programming after February 17, 2009. However, if you have an analog television, you will need a digital-to-analog converter box to continue to watch broadcast television on that set. This converter box will also enable you to see any additional multicast programming that your local stations are offering.

To help consumers with the DTV transition, the Government established the Digital-to-Analog Converter Box Coupon Program. The National Telecommunications and Information Administration (NTIA), a part of the Department of Commerce, administers this program. Every U.S. household is eligible to receive up to two coupons, worth \$40 each, toward the purchase of eligible digital-to-analog converter boxes. You will be able to request the coupons beginning in January of 2008. The coupons may only be used for eligible converter boxes sold at participating consumer electronics retailers, and the coupons must be used at the time of purchase. (Please note that these coupons will expire 90 days after mailing). Manufacturers estimate that digital-to-analog converter boxes will sell from \$40 to \$70 each. This is a one-time cost. For more information on the Digital-to-Analog Converter Box Coupon Program, visit the NTIA’s Web site at [www.dtv2009.gov](http://www.dtv2009.gov), or call 1-888-388-2009 (voice) or 1-877-530-2634 (TTY).

Cable and satellite TV subscribers with analog TVs hooked up to their cable or satellite service should not be affected by the February 17, 2009, cut-off date for full-power analog broadcasting, but should contact their provider to find out anything is needed to be prepared for the February deadline.

There are many sources of information about the digital transition but one of the best is the government’s Web site [www.dtv.gov](http://www.dtv.gov). It contains information on what DTV is, questions consumers should ask when purchasing new television sets, what programs are available in DTV, and much more. You can also call 1-888-CALL-FCC.

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