



## Radio Receivers for the Holidays

While holiday shopping don't forget to check out the latest and greatest in radio receiver technology. There are many exciting products, some available for the first time this holiday season. Highlights are included below along with options for making purchases on the Internet (better prices may be available than those shown – be sure to shop around for your best deal!)

**CYDLE T43H** – the first navigation device with a built-in HD Radio receiver, the Cycle T43H comes with a lifetime subscription to Clear Channel's Total Traffic HD Network. This service provides real-time traffic information using the advanced data features of the HD Radio system, and is integrated with the navigation map display (cities where traffic information is available are shown on the Total Traffic Network Web site at <http://totaltraffic.com/CoverageAreas/>). The T43H is a full-featured navigation device with touch screen interface and preloaded map of U.S., Canada, Puerto Rico and Hawaii. In addition to receiving HD Radio stations (both audio channels and traffic data), the T43H also includes the Cycle media player which supports video and audio playback, and is a photo viewer, too. The unit has a built-in 2000 mAh rechargeable lithium battery, as well. Available online for \$249 (plus shipping) from Amazon.com at [www.amazon.com/hdradio/dp/B002UV8MFW](http://www.amazon.com/hdradio/dp/B002UV8MFW).



Cycle T43H



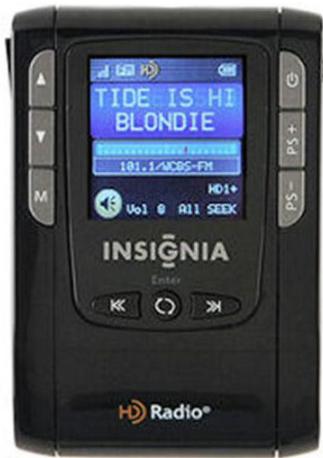
Denon S-52

**Denon S-52** – For the home audio enthusiast, the Denon S-52 has all bases covered. This unit has both AM and FM HD Radio and XM Satellite Radio receivers, a CD player, an iPod dock, and Wi-Fi (also Ethernet) connectivity for streaming audio files stored on your home PC or accessing Internet radio stations. Supported audio file formats include AAC, MP3, WAV, WMA, and FLAC (FLAC

is an acronym for Free Lossless Audio Codec, an audio format similar to MP3, but lossless, meaning that audio is compressed in FLAC without any loss in quality. See <http://flac.sourceforge.net/index.html> for additional information on FLAC.) The S-52 is available online for \$497 (with free shipping) from the Home Theater Store at [www.hometheaterstore.com/Denon Audio System Ipod S52 p/s52.htm](http://www.hometheaterstore.com/Denon_Audio_System_Ipod_S52_p/s52.htm).

**Insignia NS-HD01** – the first portable HD Radio receiver, available only from consumer electronics giant Best Buy (Insignia is the Best Buy “house brand”), the NS-HD01 was a big hit when released earlier this year, selling out as fast as the store shelves could be stocked. Features include 10 user-selectable preset memory channels (note that HD Radio multicast channels can be set as presets), a built-in rechargeable Lithium-ion battery with up to 10 hours playing time (charges through the USB connector on your PC or USB charging device), a 3.5 mm jack output for connection to headphones or to the auxiliary input on another device, and a 1.5" LCD full color screen which displays radio station, artist and song. Also includes an armband so you can take the NS-HD01 with you on your morning jog. The Insignia NS-HD01 is available

## Insignia NS-HD01



online from Best Buy for \$47.49 (plus shipping) at [www.bestbuy.com/site/Insignia%26%23174%3B+-+HD+Radio+Portable+Player/9375071.p?id=1218094581941&skuld=9375071](http://www.bestbuy.com/site/Insignia%26%23174%3B+-+HD+Radio+Portable+Player/9375071.p?id=1218094581941&skuld=9375071).

**Garmin 265WT** – this Garmin navigation unit has a built-in Radio Data System (RDS) FM radio tuner allowing it to receive traffic information from NAVTEQ Traffic, a real-time traffic service provider (sample traffic information displays are shown below the unit at right). The Broadcaster Traffic Consortium (BTC), an

alliance of several broadcast groups, provides traffic and other location-based information to Navteq. A list of cities where the Navteq traffic service is available can be found at [www.navteq.com/rdstraffic/](http://www.navteq.com/rdstraffic/). The 265WT comes pre-loaded with Navteq maps for the United States, Canada and Puerto Rico, and includes Bluetooth wireless technology for hands free calling with a compatible Bluetooth cell phone. It supports "photonavigation," allowing the user to download pictures from the "Garmin Connect Photos" Web site and navigate to them. Garmin Connect Photos is a free Web service from Garmin that allows customers to find photos from "Panoramio" and send them to their Garmin device for turn-by-turn directions (see <http://connect.garmin.com/photos?username=> for additional information). Other "travel tools" included with the 265WT are a JPEG picture viewer, world travel clock, automatic time zone transition feature, currency converter, unit converter, calculator and more. Available for \$169 from The GPS Store at [www.thegpsstore.com/Garmin-Nuvi-265WT-Wide-Screen-GPS-System-P1924C1.aspx?gclid=CKjvvei5zJ4CFQk75QodDA0Epw](http://www.thegpsstore.com/Garmin-Nuvi-265WT-Wide-Screen-GPS-System-P1924C1.aspx?gclid=CKjvvei5zJ4CFQk75QodDA0Epw).



**Garmin  
265WT**

Additional information on the "lifetime traffic" feature is available on the Garmin Web site at <http://www8.garmin.com/traffic/fm/navteq.html>.

**Zune HD** – Microsoft became the first consumer electronics manufacturer to sell an integrated HD Radio receiver/MP3 player with the introduction earlier this year of the Zune HD. Some of the features of this exciting portable device include the following:

- Bright, 3.3", 16x9 organic LED (OLED) multi-touch screen interface;
- Full-screen Internet browser optimized for multi-touch functionality;
- HD-compatible video (at 720p resolution);
- Built-in Wi-Fi allows for browsing, streaming or downloading from Zune Marketplace;
- Full line of accessories - Zune HD and AV dock (see below), Zune sync dock, Zune premium car pack, and others - to enhance the Zune experience wherever you are;
- Song tagging technology allows you to buy the song playing on the radio if you are connected to a Wi-Fi network, or to tag it for later purchase from the Zune Marketplace;



When used with the Zune dock (a \$49.99 accessory), you can use the Zune to display HD video and photos on an HDTV or listen to the music collection stored on the Zune HD or to HD Radio stations through a home audio system using the provided cables. The Zune dock also has a wireless remote control allowing you to control the Zune player from anywhere in the room. Available online from Newegg.com for \$204 (16 Gbyte) or \$289 (32 Gbyte) at

[www.newegg.com/Product/ProductList.aspx?Submit=ENE&N=2100080023%2050001149%201398929748&name=OLED&nm\\_mc=KNC-GoogleAdwords&cm\\_mmc=KNC-GoogleAdwords- -NA- -NA- -NA](http://www.newegg.com/Product/ProductList.aspx?Submit=ENE&N=2100080023%2050001149%201398929748&name=OLED&nm_mc=KNC-GoogleAdwords&cm_mmc=KNC-GoogleAdwords- -NA- -NA- -NA).

**LG Chocolate Touch Mobile Phone** – offered by Verizon, this is a full-featured touch-screen mobile phone that includes an analog FM tuner that supports RDS reception as well. The Chocolate Touch phone is one of the first mobile products to incorporate “Dolby Mobile” technology which promises a richer audio experience using headphones or in otherwise “low fidelity” environments (for additional information on Dolby Mobile visit the Dolby Web site at [www.dolby.com/consumer/understand/mobile/dolby-mobile-details.html](http://www.dolby.com/consumer/understand/mobile/dolby-mobile-details.html)). A sampling of the features supported by this phone includes the following:



- 3.0" Touch Screen with vibrating response
- Music player with sync capability from PC to phone; create & manage playlists; audio formats include MP3, WMA, unprotected AAC & unprotected AAC+
- 1GB of internal memory dedicated to music — store up to 250 songs (actual formatted capacity is less)
- FM tuner (87.5–107.9 MHz) with RDS support & 12 station presets
- Manual equalization (EQ) – adjust EQ settings across 4 bands
- Up to 16GB microSD optional removable memory
- 3.2 megapixel camera & camcorder - shot types include normal, panorama, intelligent and facial makeover; supported resolutions of 2048x1536 (default), 1600x1200, 1280x960, 800x480, and 640x480 pixels
- Social network shortcut key — quick access to Twitter, Facebook, Myspace or added social network
- Tools: calculator, EZ tip calculator, calendar, alarm clock, stopwatch, world clock, and notepad
- Bluetooth - supported profiles include headset, hands-free, dial-up networking, stereo, phonebook access, basic printing, object push for vCard and vCalendar, file transfer, basic imaging and human interface device.

The Chocolate Touch is available from Verizon Wireless for \$79.99 (with a two-year contract) but may be temporarily out-of-stock. Also available for \$349.99 (with no contract requirement) from Best Buy at

[www.bestbuy.com/site/Verizon+-+LG+Chocolate+Touch+Mobile+Phone+-+Black/9561896.p?skuld=9561896&ci\\_src=14110944&ci\\_sku=9561896&ref=06&loc=01&id=1218125018874](http://www.bestbuy.com/site/Verizon+-+LG+Chocolate+Touch+Mobile+Phone+-+Black/9561896.p?skuld=9561896&ci_src=14110944&ci_sku=9561896&ref=06&loc=01&id=1218125018874)

**MP3 players** - most MP3 players include FM radios -

- Sansa Fuze available online from Walmart for \$85.97 (8Gbyte model) at [www.walmart.com/catalog/product.do?product\\_id=9239561&sourceid=150000000000003183800&srccode=cii7240513&cpncode=22-3133149](http://www.walmart.com/catalog/product.do?product_id=9239561&sourceid=150000000000003183800&srccode=cii7240513&cpncode=22-3133149).
- Sony Walkman an E series video walkman is shown here. Available online from Sonystyle.com for \$79.95 (8 Gbyte model) at [www.sonystyle.com/webapp/wcs/stores/servlet/ProductDisplay?catalogId=10551&storeId=10151&langId=-1&productId=8198552921665939649](http://www.sonystyle.com/webapp/wcs/stores/servlet/ProductDisplay?catalogId=10551&storeId=10151&langId=-1&productId=8198552921665939649).
- Samsung P3 the 8 Gbyte model is available online from Amazon.com for \$154.19 at [www.amazon.com/gp/product/B002621G3K/ref=pd\\_lpo\\_k2\\_dp\\_sr\\_1?pf\\_rd\\_p=486539851&pf\\_rd\\_s=po-top-stripe-1&pf\\_rd\\_t=201&pf\\_rd\\_i=B002DMKL48&pf\\_rd\\_m=ATVPDKIKX0DER&pf\\_rd\\_r=198ZPHQPBAZC7WF X23W0](http://www.amazon.com/gp/product/B002621G3K/ref=pd_lpo_k2_dp_sr_1?pf_rd_p=486539851&pf_rd_s=po-top-stripe-1&pf_rd_t=201&pf_rd_i=B002DMKL48&pf_rd_m=ATVPDKIKX0DER&pf_rd_r=198ZPHQPBAZC7WF X23W0);
- Apple's iPod Nano - 8 Gbyte model is available online from Apple for \$149 at [http://store.apple.com/us/browse/home/shop\\_ipod/family/ipod\\_nano](http://store.apple.com/us/browse/home/shop_ipod/family/ipod_nano).



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