

# KW-NT50HDT

Bluetooth® Wireless Technology/HD Radio®/DVD/CD/USB/SD Navigation with 6.1-inch Touch Panel Monitor

Made for  
iPod iPhone



6.1" WIDE

- HD Radio®  
This HD Radio receiver enables:
- PSD
  - HD2/HD3
  - Digital Sound
  - iTunes® Tagging
  - Artist Experience
  - Traffic



Google™ maps

Powered by  
Windows® Embedded



Bluetooth®

\* WMA playback only available from USB devices and SD cards. WAV playback only available from CDs and DVDs.

Recommended Features



## Key Benefits (Navigation)

Enjoy precise navigation with high sensitivity WAAS GPS and detachable 6.1-inch widescreen touch panel. With the built-in HD Radio®, you can get real-time traffic conditions and weather information. The unit features voice guidance and Text-to-Speech in 3 languages, 6 million POI, Lane Guide, and Speed Limit Display. The StreetDirector Assistant lets you easily add new POI data searched on your PC's Google Maps via an SD card.

## Key Benefits (AV)

The unit is compatible with iheartradio iPod/iPhone app, offering access to over 750 radio stations in quality sound. The advanced model has both USB and AUX-IN on the front panel. iTunes Tagging lets you tag songs, while the Variable-Color Illumination offers over 30,000 color choices. Enjoy iPod/iPhone audio and video\* as well app sound with External Mode. In addition to Bluetooth® Wireless Technology, SAT Radio is also available with an optional tuner.

\* KS-US9 cable required for iPod/iPhone video playback. Compatibility depends on iPod.

**HD Radio® Traffic**

Enjoy free lifetime subscription with product purchase. HD Radio® Traffic provides 10 times faster real-time traffic updates than the previous RDS-TMC, and offering other information such as weather conditions, news, and sports scores, with more contents to come. The KW-NT50HDT is a radio receiver of such information services via HD Radio®. Additionally, the dual HD Radio® tuner allows you to listen to HD Radio® and receive HD Radio® Traffic information at the same time.

**Traffic**  
Traffic List  
NORTHBOUND  
CA-110 PASADENA FWY  
2-ALHAMBRA AVE  
Stop and go traffic  
0.21 mi NW

**News**  
Bill Gates Startups in Talks on Recolor  
An startup backed by Microsoft co-founder Bill Gates, in talks with Toshiba on developing a small-scale nuclear reactor that would represent a long term bet to make nuclear power safer and cheaper.

**Sports Scores**  
Transitions Championship - Final  
ROB PLAYER SCORE  
1 Jim Furyk -19 F  
2 R. M. Oost -17 F  
3 Bubba Watson -11 F  
4 Mackenzie -9 F

**Weather**  
New York, NY - High 57F, Rain  
Outlook : Today, Wednesday, Thursday  
HI/LO : 57F/33F 58F/33F 60F/33F  
Precip. : 36% 34% 14%  
Wind : W 11mph SW 14mph SW 7mph

**Lifetime Subscription Free**

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## \*iheartradio Link for JVC

Select and listen to live radio programs across the U.S.

The iheartradio iPod/iPhone app offers free access to over 750 radio stations. With USB connection, the headunit features album artwork display and search screen while also charging the player.



## \*Hybrid Total Traffic+ HD NETWORK with iheartradio

Get Total Traffic Network service in more areas! When connected to iPhone using the iheartradio app, JVC's KW-NT50HDT receives News, Sports, Weather and Real-Time Traffic information over your cell phone network – even outside of HD radio coverage areas.\*

\* Service available starting June 2011.



Receive on-screen Traffic, News, Sports, and Weather info using the iheartradio application

## \*Windows Automotive/Powerful and Fast 400MHz CPU

Highly reliable Windows Automotive OS and 400MHz CPU provide quick and stable operation, with system start up in less than 15 seconds, and map scroll in less than a second.



## \*Off-Axis Viewing

This function provides higher contrast for better viewing when the unit is installed at an angle.



## \*Map Coverage

The KW-NT50HDT provides map coverage for the U.S. (including Alaska and Hawaii), Canada, and Puerto Rico.



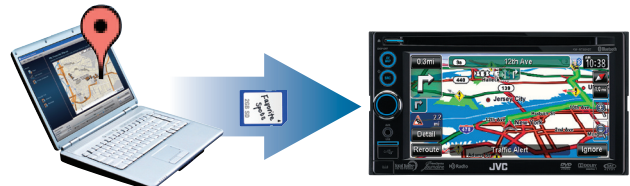
## \*POI and Multiple Search

In addition to over 6 million POI data from infoUSA, Multiple Search function offers various options for finding your destination.



## \*StreetDirector Assistant

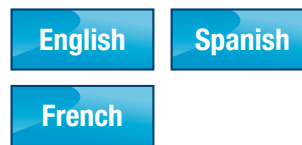
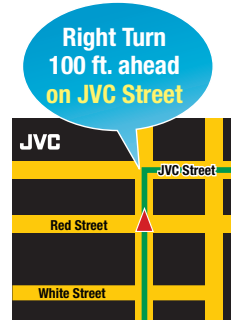
You can easily get the latest POI data with Google Maps via StreetDirector Assistant.



Download free PC link software, search and save the data on an SD card etc., then, add POI data to the navigation system.

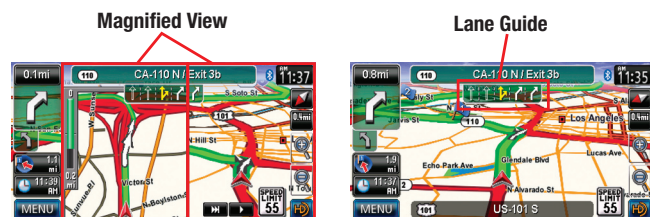
## \*Text-to-Speech & Voice Guidance

The KW-NT50HDT offers easy to follow route guidance, with Text-to-Speech announcements of street names etc. in English, Spanish, and French. Voice Guidance is also available.



## \*Easy-to-See Information

- **Magnified View**  
Displays magnified view on the left side of the split screen.
- **Lane Guide**  
Displays lane information when approaching a junction.
- **Speed Limit Display**  
Shows the legal speed limit for the road.
- **Brand POI Icon**  
Displays easy to distinguish brand icons on the map.



# KW-NT50HDT

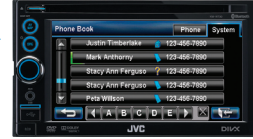
Bluetooth® Wireless Technology/HD Radio®/DVD/CD/  
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## \* Built-in Bluetooth® Wireless Technology

Bluetooth® features include hands-free calling, phonebook transfer of up to 500 numbers, PBAP, multiple phone pairing, and audio streaming. The included wired microphone can be placed wherever you like for optimum performance.



Wired Mic included



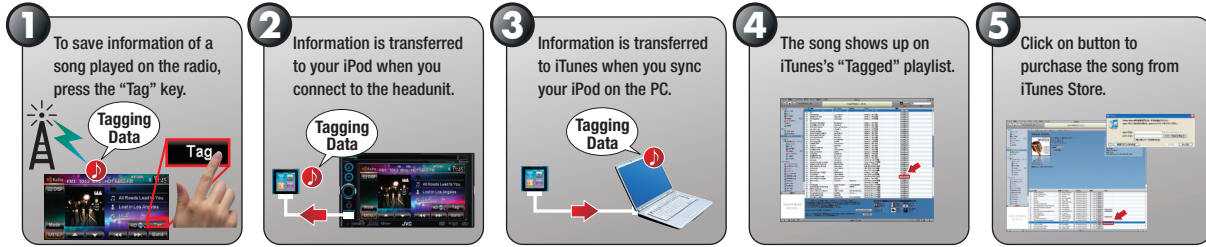
So Many Features!



## \* Built-in HD Radio®, iTunes Tagging, and Artist Experience

Enjoy a multitude of HD Radio® programs in premium digital sound, without external tuners. FM radio sounds equivalent to CD quality, and AM as good as normal FM. Artist Experience displays song/album title and artwork if available from the radio station. Additionally, iTunes Tagging lets you "tag" songs you hear on HD Radio® for easy purchase at the iTunes Music Store.

### How It Works:



The KW-NT50HDT features dual HD Radio® tuners, letting you access navigation data such as traffic updates and weather conditions, while you enjoy HD Radio® at the same time.

## \* USB Connection (G3 iPod/iPhone)

Enjoy digital audio/video from your iPod, iPhone, or USB devices at high-speed transfer. You can also charge your iPod/iPhone.

\* USB playback not supported for NTFS formatted devices. When partitions are created, only the first partition can be read.

\*\* For iPod/iPhone video playback, KS-U39 cables are required. Please visit [www.jvc.co.jp/english/car](http://www.jvc.co.jp/english/car) for iPod/iPhone compatibility details.



## \* External Mode for iPod/iPhone

You can listen to the sound of iPod/iPhone apps, such as games, web radio, and YouTube, with high current ready power supply.

### Speed Camera



## \* Front AUX & Front USB

The front panel USB and AUX provides flexible audio playback options.

AUX Plug

USB



## \* Variable-Color Illumination

You can select from 8 presets/2 user settings or 30,000 colors customizable by RGB combinations.



Illumination Setup Screen

8 Preset Colors!

+

Over 30,000 Customizable Colors

## \* Detachable Face Panel

With JVC headunits, you can easily remove the control panel and take it with you for security. They are provided with a convenient compact carrying case.



## \* Customized Message

The KW-NT50HDT comes with the voice message function which greets you when you turn the power on or off, in the Text-to-Speech language.



Hello Steve!

When you turn the power on



Good-bye Steve!

When you turn the power off

## \* Video-In for Rear View Camera

The dedicated video-in terminal allows connection with an optional rear view camera for a better view behind your car.



# KW-NT50HDT

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## Key Specifications

Maximum Power Output	50W × 4 (14.4V 4Ω)
Continuous Power Output (RMS)	20 + 20W RMS × 4 Channels at 4Ω
* Total Harmonic Distortion	≤ 1.0% THD* +N
AV Input	✓
Video Input (Camera)	✓
Line Pre-Output Terminals	3 (Front + Rear + Subwoofer)
Center Channel Output	-
Second Audio Output	-
Subwoofer Output with Level/Frequency Control	✓
Subwoofer Output Level	2.5V
Subwoofer Gain Control	-24 - +20dB
Composite Video Output	✓
Digital Output	-
Load Impedance	4Ω (4 - 8Ω)
Pre-Output Level/Impedance	2.5V/20kΩ Load (CD full scale)
Video Output	1.0Vp-p/75Ω
2nd Audio Output	-
Video Input	1.0Vp-p/75Ω
Audio Input	500mV/20kΩ
<b>Monitor</b>	
Screen Size	6.1"
Number of Pixels	336,960
Color System	NTSC/PAL

## Dimensions (W x H x D)

Installation Size	7 3/16" x 4 5/8" x 6 3/8"	182 x 111 x 161 mm
Panel Size	7 7/16" x 4 5/8" x 7/16"	188 x 117 x 10 mm
Detachable Face Plate	6 3/4" x 3 1/2" x 1 7/16"	170 x 88 x 36 mm

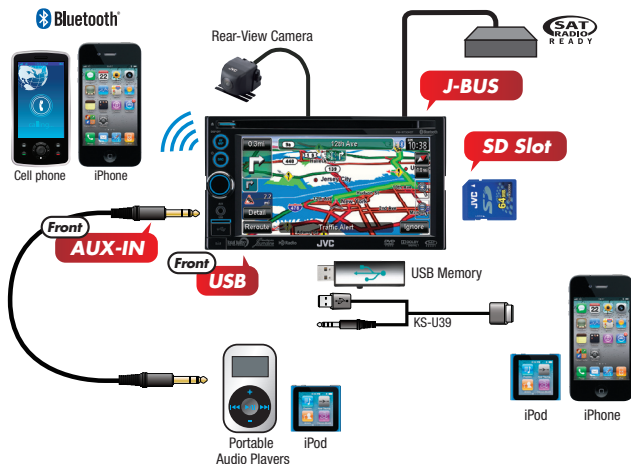
## Navigation Feature Highlights

- On-Board Flash Memory Based Navigation System (Whole map coverage preinstalled) • High-Sensitivity WAAS Capable GPS
- Coverage: United States, Alaska, Hawaii, Canada, and Puerto Rico
- HD Total Traffic Network + with Lifetime Subscription via HD Radio®
- StreetDirector Assistant • Voice Guidance (English/Spanish/French)
- Text-to-Speech (English/Spanish/French) • POI (over 6 million: infoUSA.)
- Multiple Destination Search Functions:
  - Search by POI (Category/Name/Vicinity/Phone Number)
  - Search by Address
  - Search by Zip Code
  - Search by Coordinates
  - Search by Previous
  - Search by Favorites
  - Search by Assistant POI
- Destination Memory:
  - 100 Favorite Destinations
  - Last 50 Destinations
  - 4 via Points
- Multiple Route Calculation Options:
  - Fastest/Shortest Route
  - Avoid Freeway/Ferry/Toll Road
- Lane Guide • Speed Limit Display • Magnified View • Quick Search
- Speed Alert • POI Alert • Adaptive Volume Control

## Audio & Visual Feature Highlights

- MOS-FET 50W x 4 (20W RMS x 4) • Built-in 6.1-inch Detachable Monitor
- Built-in Bluetooth® Wireless Technology\*1 (Phone Book Access [PBAP], Phone Book Transfer, Hands-Free Call, Audio Streaming [A2DP])
- USB Audio and Video for iPod/iPhone etc.\*2
- 2-Way Control for iPod/iPhone\*3 (Headunit/iPod or iPhone)
- External Mode for iPod/iPhone • iTunes Tagging • iheartradio Link for JVC
- Front USB Port (MP3/WMA/iPod & iPhone Audio) • SD Slot (MP3/WMA)
- MP3/WMA/WAV Compatible\*4 (DVD/CD/USB/SD) • Built-in HD Radio®
- SAT Radio Ready • DiAS II Tuner • Dolby Digital • 7-Band iEQ
- 2.5V Line and Subwoofer Pre-Output Level • Line Input Terminals (AV + Video)
- 3 Pre-Output Terminals (Front + Rear + Subwoofer) • Subwoofer Control
- Line Output (Video) • Front AUX-IN • Variable-Color Illumination
- Multilingual Display (English/Spanish/French)
- High-Pass, Low-Pass Filter (50 - 150Hz/10Hz step, Slope -6/-12/-18/-24dB/Octave)
- Rear-View Camera Ready (Dedicated Terminal)
- AV Display Language (English/Spanish/French/Italian/German/Russian/Greek/Japanese/Chinese/Korean)

## Connections



## Other Highlights

- Detachable Panel • Steering Wheel Remote Ready • Touch Panel

\*1 Available functions depend on cell phone.

\*2 KS-U39 cable required for iPod/iPhone video playback. Compatibility depends on iPod/iPhone.

\*3 Compatibility with 2-way control for iPod/iPhone differs by model. Switching from headunit mode to iPod/iPhone mode will pause your iPod/iPhone. For playback, please press "play" on your iPod/iPhone.

\*4 WAV playback only available from CDs and DVDs. WMA playback only available from USB devices and SD cards.



Wired Mic included

## Quick Reference of iPod/iPhone Compatibility\*1

	iPod 4th generation*2 (color display) 40GB 60GB	iPod 5th generation (video) 60GB 80GB	iPod nano 2nd generation*3 (aluminum) 2GB 4GB 8GB	iPod classic*4 120GB 160GB (2009)	iPod nano 3rd generation (video) 4GB 8GB	iPod nano 4th generation (video) 8GB 16GB	iPod nano 5th generation (video camera) 8GB 16GB	iPod touch 4th generation*5 8GB 32GB 64GB	iPhone 3GS*6 8GB 16GB 32GB	iPod nano 6th generation 8GB 16GB	iPhone 4 16GB 32GB
Playback Connection	N/A	✓USB	✓USB	✓USB	✓USB	✓USB	✓USB	✓USB	✓USB	✓USB	✓USB

\*1 Please visit [www.jvc.co.jp/english/car/](http://www.jvc.co.jp/english/car/) for iPod/iPhone compatibility details. \*2 Same compatibility applies for the following 4th generation and earlier iPod models: iPod with dock connector, iPod mini, and iPod with color display. \*3 Same compatibility applies for iPod nano (1st generation) \*4 Same compatibility applies for iPod classic (160GB (2007) only). \*5 Same compatibility applies for iPod touch (1st, 2nd, and 3rd generation) \*6 Same compatibility applies for iPhone, and iPhone 3G.

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