

KW-NT310

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

Made for

iPod iPhone



6.1" WVGA



Recommended Features

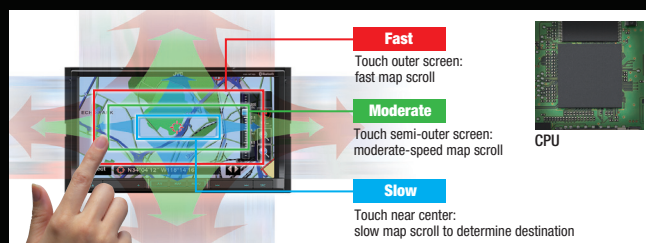


Quick Response and Operation

High Speed CPU, 8GB Solid State Drive (SSD), and JVC-original S3 format data compression all work to create a speedy response for navigation.

High-Speed Data Processing LSI

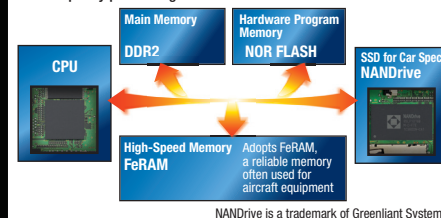
New LSI processes data 2 x faster than previous model.



8GB Solid State Drive (SSD)

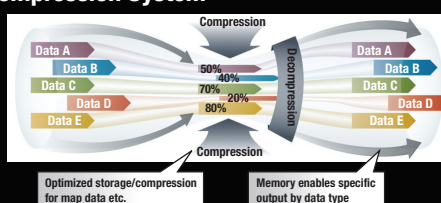
SSD provides instant startup and quick map display, with high-durability for the in-car environment.

Total system structure consisting of SSD, CPU, and various memories enable speedy processing.



S3 Format Data Compression System

JVC-original efficient compression provides speedy response for a large database.



JVC

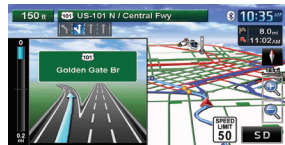
MOBILE ENTERTAINMENT

<Navigation>

Clear and Dynamic Map Display Features

*Multiple Map Display

Map display options such as Junction View and 3D View are also available.



Junction View



3D Map Display



3D Landmark



Magnified View



3D Scroll & 3D Footprint



Improved Direct Scale

*Clear Map Display

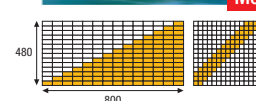
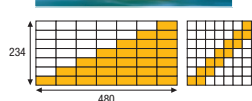
The display is optimized for WVGA, with clear map images and easy-to-read map text.



Clear Map Text

*WVGA Monitor

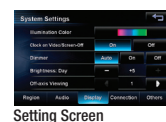
The 6.1-inch/7-inch WVGA LCD panel features 4 times more pixels than the QVGA, offering comfortable viewing with clear and bright display for images, GUI, and especially maps.



More Detailed

*Off-Axis Viewing

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



Setting Screen



Multiple Search Function

*POI Search

Over 8 million POI data from NAVTEQ are available for POI Search.

*Multiple Destination Search Functions:

Various options are available for destination search.

- Search by POI (Name/Vicinity/Phone Number)
- Search by Address
- Search by Coordinates
- Search by Previous
- Search by Favorites
- Search Home

*Destination Memory:

The unit can memorize destinations and via points.

- 300 Favorite Destinations
- Last 50 Destinations

*Multiple Route Options:

Search the route according to your preference.

- Fastest/Shortest/Freeway Route
- Avoid Freeway/Ferry
- 4 via Points

*NaviBridge (iPhone®/Android™ App)

When you connect your smartphone with the "NaviBridge" application installed to the system, you can manipulate the map, search and set destinations on the system using the smartphone screen.



NaviBridge

• iPhone as Navigation's Remote Control

The app lets you control the unit's navigation screen from your smartphone.



• Cooperative applications for more fun and convenience!

Destinations found using various cooperative operations can be transferred to NaviBridge with a single touch. Easily set it as the destination for your JVC car navigation.

Affiliated apps



AroundMe



Localscope



SF 1911



World Heritage Map

<Audio>

Internet Radio

* iHeart Link for JVC

Listen to iHeartRadio via the smartphone app. Control and album artwork are available on the headunit, via USB connection for iPhone®, and via Bluetooth® for Android™ devices.



* Pandora Control for Smartphone

Enjoy Pandora Radio from your smartphone with smooth control on the headunit, via USB connection for iPhone®, and via Bluetooth® for Android™ devices.

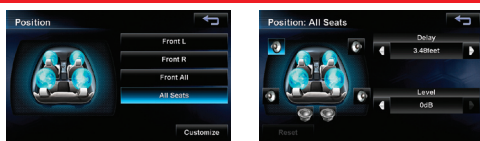


Clear and Realistic Sound (DSP)

* Customize the Sound for Your Car Environment

JVC-original high-performance Digital Signal Processor (DSP) is designed to create optimal sound onboard. Fine-tune the sound with Time Alignment, crossover setting, 13-Band EQ, and other features to best fit your car.

Time Alignment: User Customization



Position: Preset

Optimize the sound field for position

Custom setting available for users with particular taste

Position: Customize

Fine-tune the preset for your position

- 1 Set vehicle type
- 2 Set listening position
- 3 Can be customized



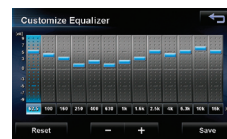
Preset EQ

6 presets + 4 user settings



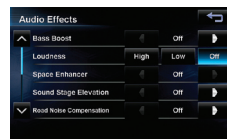
Crossover

High-pass for front/rear, and low-pass for subwoofer can be controlled separately



13-Band EQ

Fine-tune the preset to your taste



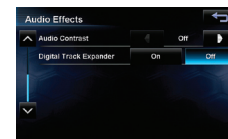
Audio Effect

Space Enhancer: Set listening space size
Sound Stage Elevation: Elevate sound image of lower speakers without the tweeter
Road Noise Compensation: Adjust sound according to car speed



Sound Source Level Adjust

Set volume by source



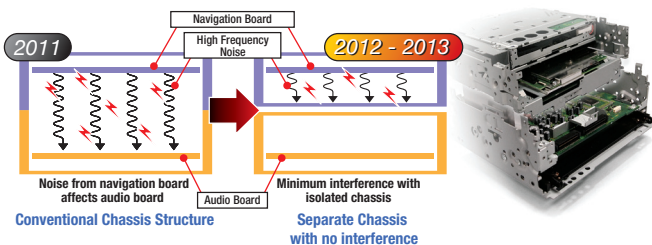
Audio Contrast/

Digital Track Expander

Audio Contrast: Adjust sound sharpness for more clarity
Digital Track Expander: Compensate high-frequency for clear sound

* Separate Structure for Amplifier and DVD/Nav

The amplifier and DVD/navigation are housed in separate chassis to prevent interference, offering clear, rich sound with minimum noise.



* High-Grade Parts Used for Quality Sound

Select parts support clear sound and high power for quality audio performance.



Bluetooth® Wireless Technology

* Bluetooth® Compatible Functions

• Phone Book Access Profile (PBAP 1.0)

No need to transfer your phone book. Simply call by direct access to the phone book on your iPhone or mobile phone.

* Only available on Phone Book Access Profile compatible mobile phones.

• Phone Book Transfer

You can transfer 500 numbers to the headunit.

• Alphabetical Search for Phone Book

Easy alphabetical search on a large phonebook.

• Audio Streaming & Control (A2DP1.2, AVRCP1.3)

Enjoy streamed music plus control from the headunit.

• Internet Radio via Smartphone (A2DP1.2, AVRCP1.3)

Listen to internet radio programs via your smartphone app, with control available from the headunit.

• Hands-Free Calls

Receive/reject calls or voice dial while keeping your hands on the wheel.

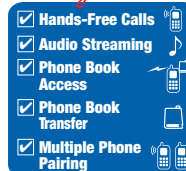
• Multiple Phone Pairing

You can pair and easily switch between up to 5 phones.



Wired MIC included

So Many Features!



*USB Connection (iPod/iPhone)

Enjoy digital audio/video from your iPod, iPhone, or USB devices with high-speed 1A USB port providing playback and charging.

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

*2 For iPod/iPhone video playback, KS-U49 cables are required. Please visit www.3jvckenwood.com/english/car/ for iPod/iPhone compatibility details.



*microSDHC Compatible

The units are compatible with microSDHC cards for audio and video playback.

*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 power supply.



*USB Hub Compatible

The units are compatible with USB hub for expanded connection.

*Variable-Color Illumination

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



Navigation Feature Highlights

- On-Board SSD Navigation System (Whole map coverage preinstalled)
- High-Sensitivity WAAS Capable GPS • Coverage: United States, Alaska, Hawaii, Canada, and Puerto Rico
- Voice Guidance (English / Spanish / French) • Text-to-Speech (English / Spanish / French)
- NaviBridge (iPhone® / Android™ App) • POI (over 8 million: NAVTEQ) • HD Total Traffic Network+
- Multiple Destination Search Functions:
 - Search by POI (Category / Name / Vicinity / Phone Number) / Search by Address / Search by Coordinates / Search by Previous / Search by Favorites / Search Home
- Destination Memory:
 - 300 Favorite Destinations / Last 50 Destinations / 4 via Points
- Multiple Route Options:
 - Fastest / Shortest / Freeway Route, Avoid Freeway / Ferry
- Map Display:
 - 3D Landmark / 3D Scroll / 3D Footprint / Junction View / Magnified View / Lane Guide / Speed Limit Display
- Quick Menu • Speed Alert • Adaptive Volume Control

Audio & Visual Feature Highlights

- MOS-FET 50W × 4 (20W RMS × 4)
- Built-in 6.1-inch WVGA Monitor • Touch Panel
- Built-in Bluetooth® Wireless Technology*1 (Easy Connect (SSP), Phone Book Access Profile, Phone Book Transfer, Hands-Free Call, Audio Streaming, AVRCP, Alphabetical Search for Phone Book)
- 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*2 • iTunes Tagging • Pandora Control for iPhone • iHeart Link for JVC
- Rear USB Port (MP3 / WMA / WAV / AAC*4 / FLAC / WMV / H.264 / AVC / MPEG-4 / iPod & iPhone Audio)
- USB 2.0 High Speed • USB 1A Power Supply
- Front microSDHC/microSD Slot*5 (MP3 / WMA / WAV / AAC*4 / FLAC / WMV / H.264 / AVC / MPEG-4)
- MP3/WMA/WAV/AAC*4 Compatible (DVD/CD) • SiriusXM Ready*6 • DIAS II Tuner • Dolby Digital
- Sound Settings:
 - Time Alignment (DSP) / 13-Band IEQ / Preset EQ / Source Link EQ / Crossover Setting / Audio Effect (Road Noise Compensation etc.) / Digital Track Expander 2.0 (DSP)
- High-Pass Filter / Low-Pass Filter (30 - 250Hz, Slope -6/-12/-18/-24dB/Octave)
- 2.5V Line and Subwoofer Pre-Output Level • 3 Pre-Output Terminals (Front + Rear + Subwoofer)
- Subwoofer Control • Line Output (Video) • Line Input Terminals (AV + Video for iPod)
- Multilingual Display (English / Spanish / French) • Variable-Color Illumination • Steering Wheel Remote Ready
- Rear-View Camera Ready (Dedicated Terminal)

*1 Available functions depend on cell phone.

*2 KS-U49 cable required for iPod/iPhone video playback and External Mode.

Compatibility depends on iPod/iPhone.

*3 Compatibility with 2-way control for iPod/iPhone differs by model.

*4 Not compatible with DRM-protected music purchased from iTunes Store.

*5 Compatible with up to 32GB microSDHC and up to 2GB microSD.

*6 SXV200 required



Key Specifications

	KW-NT310
Maximum Power Output	50 + 50W (14.4V 4Ω)
AV Input	✓
Video Input (Camera)	✓
Line Pre-Output Terminals	3 (Front + Rear + Subwoofer)
Center Channel Output	-
Subwoofer Output with Level/Frequency Control	✓
Subwoofer Output Level	2.5V
Subwoofer Gain Control	-50 - +10dB
Composite Video Output	✓
Digital Output	-
Load Impedance	4Ω (4 - 8Ω)
Pre-Output Level/Impedance	2.5V/20kΩ Load (full scale)
Video Output	1.0Vp-p/75Ω
2nd Audio Output	-
Video Input	1.0Vp-p/75Ω
Audio Input	1.5Vrms/20kΩ
Monitor	
Screen Size	6.1" WVGA
Number of Pixels	1,152,000
Color System	NTSC/PAL

Connections



Dimensions (W × H × D)

Installation Size	7 3/16" × 3 15/16" × 6 15/16"	182 × 111 × 175 mm
Panel Size	7 7/16" × 4 5/8" × 5/16"	188 × 117 × 7 mm