

Specifications

AV Navigation Systems

	KW-NT50HDT	KW-NT30HD
Navigation System		
Type	On-Board Flash Memory Based Navigation System	On-Board Flash Memory Based Navigation System
GPS	✓ (WAAS Capable)	✓ (WAAS Capable)
Speed Pulse	✓	✓
Gyro Sensor	✓	✓
Coverage	United States, Alaska, Hawaii, Canada, and Puerto Rico	United States, Alaska, Hawaii, Canada, and Puerto Rico
StreetDirector Assistant	✓	✓
HD Radio® Traffic & News Service	✓	✓
Destination Search Functions	Name, Vicinity, Phone Number, Address, Zip-Code, Coordinates, Previous, Favorites, User POI	Name, Vicinity, Phone Number, Address, Zip-Code, Coordinates, Previous, Favorites, User POI
Voice Guidance Language	3 Languages (Female): English (US), Spanish, French	3 Languages (Female): English (US), Spanish, French
Text-to-Speech	3 Languages (Female): English (US), Spanish, French	3 Languages (Female): English (US), Spanish, French
POI	Over 6 Million (infoUSA)	Over 6 Million (infoUSA)
Destination Memory	100 Favorites + Last 50 + 4 Via Points	100 Favorites + Last 50 + 4 Via Points
Route Calculation Options	✓ (Fastest/Shortest/Avoid Freeway, Ferry, Toll Road)	✓ (Fastest/Shortest/Avoid Freeway, Ferry, Toll Road)
Lane Guide	✓	✓
Speed Limit Display	✓	✓
Magnified View	✓	✓
Quick Search	✓	✓
Max. Speed Alert	✓	✓
3 Types of Vehicle Position Icon	✓	✓
POI Alert	✓	✓
Adaptive Volume Control	✓	✓
CD Player		
MP3/WMA/WAV Compatible with Tag	✓ (MP3/WAV Only)	✓ (MP3/WAV Only)
CD-R/RW Compatible	✓	✓
CD Text	✓	✓
DVD Player		
DVD-R/-RW, +R/+RW Compatible	✓	✓
Video DAC	108MHz/12-bit	108MHz/12-bit
GIGA MP3 MULTI	✓ (MP3 Only)	✓ (MP3 Only)
Dolby Digital	2 ch	2 ch
Frequency Response	16 - 20,000Hz (fs=48kHz/96kHz)	16 - 20,000Hz (fs=48kHz/96kHz)
Dynamic Range	93dB	93dB
Signal-to-Noise Ratio	95dB	95dB
Channel Separation	More than 85dB (at 1kHz)	More than 85dB (at 1kHz)
Wow & Flutter	Less than measurable limit	Less than measurable limit
Bluetooth Control*		
Bluetooth Control	Built-in	Built-in
Hands Free Call	✓	✓
Audio Streaming & Control (A2DP1.2, AVRCP1.3)	✓	✓
Phone Book Access Profile (PBAP1.0)	✓	✓
Phone Book Transfer	Manual (500 Max.)	Manual (500 Max.)
Mic Unit	✓	✓
* Available functions depend on cell phone.		
iPod/iPhone Control		
iPod Control	✓ (USB)	✓ (USB)
iPhone Control	✓ (USB)	✓ (USB)
Battery Charge	✓ (USB)	✓ (USB)
iPod/iPhone Video File Playback	✓ ^{*2}	✓ ^{*2}
2-Way Control for iPod/iPhone ^{*1} (Headunit/iPod or iPhone Mode)	✓ ^{*3} (USB)	✓ ^{*3} (USB)
External Mode for iPod/iPhone	✓ (USB)	✓ (USB)
iTunes Tagging	✓ (USB)	✓ (USB)
*1 Compatibility with 2-way control for iPod/iPhone differs by model. *2 KS-U39 required for iPod/iPhone video playback. Compatibility depends on iPod/iPhone. *3 Switching from headunit mode to iPod/iPhone mode will pause your iPod/iPhone. For playback, please press "play" on your iPod/iPhone.		
USB		
Position	Front	Front
MP3/WMA/WAV Compatible with Tag	✓ (MP3/WMA Only)	✓ (MP3/WMA Only)
iPod/iPhone Video Playback	✓ (AV Plug*)	✓ (AV Plug*)
iPod/iPhone Audio Playback	✓	✓
* KS-U39 required for iPod/iPhone video playback. Compatibility depends on iPod.		

Specifications

	KW-NT50HDT	KW-NT30HD
SD		
SD Slot	✓	✓
MP3/WMACompatible	✓	✓
Tuner		
HD Radio	Built-in	Built-in
SAT Radio Ready	✓	✓
Tuner Type	DiRaNa	DiRaNa
No. of Presets (AM + FM)	6 + 18	6 + 18
AM		
Frequency Range	530 - 1,710kHz	530 - 1,710kHz
Sensitivity	13µV	13µV
Selectivity	80dB	80dB
FM		
Frequency Range	87.5 - 107.9MHz	87.5 - 107.9MHz
Usable Sensitivity	8.3dBf (0.7µV/75Ω)	8.3dBf (0.7µV/75Ω)
50dB Quieting Sensitivity	14.3dBf (1.4µV/75Ω)	14.3dBf (1.4µV/75Ω)
Stereo Separation	70dB (HD Radio Broadcast)	70dB (HD Radio Broadcast)
	50dB (Conventional Broadcast)	50dB (Conventional Broadcast)
Amplifier		
Maximum Power Output	50W x 4	50W x 4
Continuous Power Output (RMS)	20 + 20W RMS x 4CH at 4Ω	20 + 20W RMS x 4CH at 4Ω
CEA-2006 Compliant	≤ 1% THD* +N	≤ 1% THD* +N
* Total Harmonic Distortion		
MOS-FET Amp	✓	✓
Advanced Multi-bit DAC	✓	✓
IEQ	7-band	7-band
HPF	✓	✓
AV Input	✓	✓
Front AUX Input	✓	✓
Video Input (Camera)	✓	✓
Line Pre-Output Terminals	3 (Front + Rear + Subwoofer)	3 (Front + Rear + Subwoofer)
Subwoofer Output with Level/Frequency Control	✓	✓
Composite Video Output	✓	✓
Frequency Response	40 - 20,000Hz	40 - 20,000Hz
Load Impedance	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)
Pre-Output Level/Impedance	2.5Vrms/20kΩ Load (CD full scale)	2.5Vrms/20kΩ Load (CD full scale)
Video Output	1.0Vp-p/75Ω	1.0Vp-p/75Ω
Video Input	1.0Vp-p/75Ω	1.0Vp-p/75Ω
Audio Input	0.5Vrms/20kΩ	0.5Vrms/20kΩ
Monitor		
Variable-Color Illumination	✓	✓
Touch Panel	✓	✓
TFT ON/OFF	✓	✓
Multilingual Display	✓*	✓*
Screen Size	6.1" wide	6.1" wide
Number of Pixels	336,960	336,960
Color System	NTSC/PAL	NTSC/PAL
* English, Spanish, French		
General		
Detachable Control Panel	✓	✓
Carrying Case	✓	✓
Steering Wheel Remote Ready	✓	✓
Headunit		
Installation Size (W x H x D)	7 3/16" x 4 5/8" x 6 3/8" (182 x 111 x 161mm)	7 3/16" x 4 5/8" x 6 3/8" (182 x 111 x 161mm)
Panel Size (W x H x D)	7 7/16" x 4 5/8" x 7 1/16" (188 x 117 x 10mm)	7 7/16" x 4 5/8" x 7 1/16" (188 x 117 x 10mm)
Detachable Face Plate (W x H x D)	6 3/4" x 3 1/2" x 1 7/16" (170 x 88 x 36mm)	6 3/4" x 3 1/2" x 1 7/16" (170 x 88 x 36mm)
Weight	2.4 kg (5.3 lbs.)	2.4 kg (5.3 lbs.)