

Specifications

AV Receiver

2-DIN AV Receiver KW-ADV794	
CD Player	
MP3/WMA/WAV Compatible with Tag	✓
JPEG/MPEG1, 2 Compatible	✓
CD-R/RW Compatible	✓
CD Text	✓
DVD Player	
DVD-R/-RW, +R/+RW Compatible	✓
Video DAC	108MHz/12-bit
GIGA MP3 MULTI	✓
JPEG/MPEG1, 2 Compatible	✓
DivX® Compatible	✓
Dolby Digital	2 ch
Video CD Playback	✓
Frequency Response	16 - 22,000Hz (DVD fs=48/96kHz) 16 - 20,000Hz (CD fs=44.1kHz)
Dynamic Range	93dB (fs=48kHz)
Signal-to-Noise Ratio	95dB (at 1kHz, fs=48kHz)
Channel Separation	95dB (fs=48kHz)
Wow & Flutter	Less than measureable limit
Bluetooth Control^{*1}	
Bluetooth Control	✓ ^{*2}
Compatibility Check Function	✓
Hands Free Call	✓
Audio Streaming & Control (A2DP1.2, AVRCP1.3)	✓
Text Message Display	✓ ^{*3}
Voice Recognition Dialing	✓
Phone Book Access Profile (PBAP1.0)	✓
Phonebook Transfer	Manual (400 Max.)
Mic Unit	✓
^{*1} Available functions depend on cell phone. ^{*2} Bluetooth Adapter included ^{*3} Receipt notification only	
iPod/iPhone Control	
iPod Control	✓ (USB)
iPhone Control	✓ (USB)
Battery Charge	✓ (USB)
iPod/iPhone Video File Playback	✓ ^{*2}
2-Way Control for iPod/iPhone ^{*1} (Headunit/iPod or iPhone Mode)	✓ (USB)
External Mode for iPod/iPhone	✓ (USB)
^{*1} Compatibility with 2-way control for iPod/iPhone differs by model. ^{*2} KS-U30 required for iPod/iPhone video playback. Compatibility depends on iPod/iPhone.	
USB	
Position	Rear (Cable)
MP3/WMA/WAV Compatible with Tag	✓
JPEG/MPEG1, 2 Compatible	✓
DivX® Compatible ^{*1}	✓
iPod/iPhone Video Playback	✓ (AV Plug ^{*2})
iPod/iPhone Audio Playback	✓
^{*1} DivX® files must be less than 2Mbps for playback on USB. ^{*2} KS-U30 required for iPod/iPhone video playback. Compatibility depends on iPod/iPhone.	
Tuner	
HD Radio	Ready*
SAT Radio Ready	✓
Tuner Type	HS-1/1
No. of Presets (AM + FM)	6 + 18
AM	Frequency Range 530 - 1,700kHz Sensitivity 20µV Selectivity 40dB
FM	Frequency Range 87.9 - 107.9MHz Usable Sensitivity 9.3dBf (0.8µV/75Ω) 50dB Quieting Sensitivity 16.3dBf (1.8µV/75Ω) Stereo Separation 40dB
* KT-HD300 required	
Amplifier	
Maximum Power Output	50W x 4
Continuous Power Output (RMS) CEA-2006 Compliant	20W RMS x 4CH at 4Ω ≤ 1.0% THD* + N
* Total Harmonic Distortion	
MOS-FET Amp	✓
Audio DAC	192kHz/24bit
Parametric IEQ	3-band
HPF	✓
AV Input	✓
Front AUX Input	✓
Video Input (Camera)	✓
Line Pre-Output Terminals	3 (Front + Rear + Subwoofer)
Subwoofer Output with Level/Frequency Control	✓
Composite Video Output	✓
Frequency Response	40 - 20,000Hz
Load Impedance	4Ω (4 - 8Ω allowable)
Pre-Output Level/Impedance	4.0V/20kΩ
Video Output	1.0Vp-p/75Ω
Video Input	1.0Vp-p/75Ω
Audio Input	1.5V/20kΩ
Monitor	
Touch Panel	✓
Variable-Color Illumination	✓
TFT ON/OFF	✓
Multilingual Display	✓ [*]
Portuguese Display	✓
Screen Size	6.1" wide
Number of Pixels	1,152,000
Color System	NTSC/PAL
* English, Spanish, French, German, Italian, Dutch, Portuguese, Swedish, Danish, Russian	
General	
Detachable Control Panel	✓
Carrying Case	✓
Wireless Remote Control Type	Easy-Grip
Steering Wheel Remote Ready	✓
Headunit	Installation Size (W x H x D) 7 3/16" x 4 3/8" x 6 5/16" (182 x 111 x 160mm) Panel Size (W x H x D) 7 7/16" x 4 5/8" x 7/16" (188 x 117 x 10mm) Detachable Face Plate (W x H x D) 6 3/4" x 3 13/16" x 1 7/16" (171 x 96 x 35mm) Weight 2.3kg (5.1 lbs.)

Specifications

CD Receivers

	1-DIN CD Receivers				
	KD-A925BT	KD-A725	KD-AHD79	KD-A625	KD-A525
CD Player					
MP3/WMA Compatible with ID3 Tag/WMA Tag	✓	✓	✓	✓	✓
CD-R/RW Compatible	✓	✓	✓	✓	✓
CD Text	✓	✓	✓	✓	✓
Frequency Response	5 - 20,000Hz	5 - 20,000Hz	5 - 20,000Hz	5 - 20,000Hz	5 - 20,000Hz
Signal-to-Noise Ratio	102dB	102dB	98dB	98dB	98dB
Channel Separation	More than 85dB	More than 85dB	More than 85dB	More than 85dB	More than 85dB
Wow & Flutter	Less than measurable limit	Less than measurable limit	Less than measurable limit	Less than measurable limit	Less than measurable limit
Bluetooth Control*1					
Bluetooth Control	✓*2	✓*4	Ready*5	Ready*5	Ready*5
Compatibility Check Mode	✓	✓*4			
Connects 2 Phones	✓	✓*4			
Hands Free Call	✓	✓*4	✓*5 (Redial)	✓*5 (Redial)	✓*5 (Redial)
Audio Streaming & Control (A2DP1.2, AVRCP1.3)	✓	✓*4	✓*5	✓*5	✓*5
Text Message Display	✓*3	✓*3*4			
Voice Recognition Dialing	✓	✓*4	✓*5	✓*5	✓*5
Phone Book Access Profile (PBAP1.0)	✓	✓*4			
Phonebook Transfer	✓	✓*4			
Mic unit	✓	✓*4	✓*5	✓*5	✓*5
*1 Available functions depend on cell phone. *2 USB Bluetooth Adapter included *3 Receipt notification only *4 KS-BTA50 required *5 KS-BTA100 required					
iPod/iPhone Control					
iPod Control	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)
iPhone Control	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)
Battery Charge	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)	✓ (USB)
2 Connections for iPod/iPhone	✓ (USB)	✓ (USB)			
2-Way Control for iPod/iPhone*1 (Headunit/iPod or iPhone Mode)	✓ (USB)	✓ (USB)	✓*2 (USB)	✓ (USB)	✓ (USB)
iTunes Tagging			✓ (USB)		
External Mode for iPod/iPhone	✓ (USB/Application Mode)	✓ (USB/Application Mode)	✓ (USB)	✓ (USB)	✓ (USB)
*1 Compatibility with 2-Way Control for iPod/iPhone differs by model. *2 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/Rear	Front/Rear	Front	Front	Front
MP3/WMA Compatible with ID3 Tag/WMA Tag	✓	✓	✓	✓	✓
WAV Compatible	✓	✓			
iPod/iPhone Audio Playback	✓	✓	✓	✓	✓
Tuner					
HD Radio	Ready*	Ready*	Built-in		
SAT Radio Ready	✓	✓			
Tuner Type	HS-IVI	HS-IVI	DIAS II	HS-IVI	HS-IVI
No. of Presets (AM + FM)	6 + 18	6 + 18	6 + 18	6 + 18	6 + 18
AM					
Frequency Range	530 - 1,700kHz	530 - 1,700kHz	530 - 1,700kHz	530 - 1,700kHz	530 - 1,700kHz
Sensitivity	20µV	20µV	20µV	20µV	20µV
Selectivity	40dB	40dB	70dB	40dB	40dB
FM					
Frequency Range	87.9 - 107.9MHz	87.9 - 107.9MHz	87.9 - 107.9MHz	87.9 - 107.9MHz	87.9 - 107.9MHz
Usable Sensitivity	9.3dBf (0.8µV/75Ω)	9.3dBf (0.8µV/75Ω)	11.3dBf (1µV/75Ω)	9.3dBf (0.8µV/75Ω)	9.3dBf (0.8µV/75Ω)
50dB Quieting Sensitivity	16.3dBf (1.8µV/75Ω)	16.3dBf (1.8µV/75Ω)	19.3dBf (2.5µV/75Ω)	16.3dBf (1.8µV/75Ω)	16.3dBf (1.8µV/75Ω)
Stereo Separation	40dB	40dB	48dB	40dB	40dB
* KT-HD300 required					
Amplifier					
Maximum Power Output	50W x 4	50W x 4	50W x 4	50W x 4	50W x 4
Continuous Power Output (RMS)	20W RMS x 4CH at 4Ω	20W RMS x 4CH at 4Ω	20W RMS x 4CH at 4Ω	20W RMS x 4CH at 4Ω	20W RMS x 4CH at 4Ω
CEA-2006 Compliant	≤ 1.0% THD* + N	≤ 1.0% THD* + N	≤ 1.0% THD* + N	≤ 1.0% THD* + N	≤ 1.0% THD* + N
* Total Harmonic Distortion					
MOS-FET Amp	✓	✓	✓	✓	✓
24-bit DAC	✓*1	✓**	✓	✓	✓
Time Alignment	✓	✓	✓	✓	✓
Loudness Control	✓ (3 patterns)	✓	✓	✓	✓
My Sound EQ	✓				
iEQ	5-band Digital				
Parametric iEQ		3-band	3-band	3-band	3-band
HPF	✓	✓	✓	✓	✓
Line Pre-Output Terminals	3*2 (Front + Rear + Subwoofer)	3 (Front + Rear + Subwoofer)	3*2 (Front + Rear + Subwoofer)	3 (Front + Rear + Subwoofer)	3 (Front + Rear + Subwoofer)
Subwoofer Output with Level/Frequency Control	✓*2	✓	Y*2	✓	✓
AUX Input	1 (Front)	1 (Front)	2 (Front/Rear)	2 (Front/Rear)	2 (Front/Rear)
Load Impedance	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)
Line Pre-Output Level	5.0V	2.5V	5.0V	2.5V	2.5V
Line Pre-Output Impedance	Less than 600Ω	Less than 600Ω	Less than 600Ω	Less than 600Ω	Less than 600Ω
*1 TV/Burr-Brown *2 Gold-Plated Terminals					
Display					
Separated Variable-Color	✓	✓	✓	✓	
Full Dot LCD	✓	✓	✓	✓	
Dimmer	✓	✓	✓	✓	✓
General					
Flip-Down Face	✓				
Detachable Control Panel	✓	✓	✓	✓	✓
Carrying Case	✓	✓	✓	✓	✓
Beep Tone Support	✓**	✓**	✓**	✓**	✓**
Wireless Remote Control Type	Oval-Shaped	Oval-Shaped	Oval-Shaped	Oval-Shaped	Oval-Shaped
Rotary Encoder	✓	✓	✓	✓	✓
Steering Wheel Remote Ready	✓	✓	✓	✓	✓
Headunit					
Installation Size (W x H x D)	7 3/16" x 2 1/16" x 6 1/4" (182 x 52 x 159.5mm)	7 3/16" x 2 1/16" x 6 1/4" (182 x 52 x 158mm)	7 3/16" x 2 1/16" x 6 1/4" (182 x 52 x 158mm)	7 3/16" x 2 1/16" x 6 1/4" (182 x 52 x 158mm)	7 3/16" x 2 1/16" x 6 5/16" (182 x 52 x 159mm)
Panel Size (W x H x D)	7 7/16" x 2 5/16" x 5/16" (188 x 59 x 8.5mm)	7 7/16" x 2 3/8" x 3/8" (188 x 59 x 8.5mm)	7 7/16" x 2 3/8" x 3/8" (188 x 59 x 8.5mm)	7 7/16" x 2 3/8" x 3/8" (188 x 59 x 8.5mm)	7 7/16" x 2 3/8" x 3/8" (188 x 59 x 8.5mm)
Detachable Face Plate (W x H x D)	6 5/8" x 1 3/4" x 7/8" (169 x 44.5 x 21.1mm)	6 3/4" x 1 13/16" x 7/8" (170 x 46.4 x 20.5mm)	6 3/4" x 1 13/16" x 7/8" (170 x 46.4 x 20.5mm)	6 3/4" x 1 13/16" x 7/8" (170 x 46.4 x 20.5mm)	6 3/4" x 1 13/16" x 13/16" (170 x 46.4 x 20.6mm)
Weight	1.41kg (3.1 lbs.)	1.3kg (2.9 lbs.)	1.27kg (2.79 lbs.)	1.21kg (2.7 lbs.)	1.21kg (2.7 lbs.)

* From Speakers