## **Specifications**

## **AV Receiver**

CD Player			
	KW-ADV793		
MP3/WMA/WAV Compatible with Tag	V		
JPEG/MPEG1, 2 Compatible	V		
CD-R/RW Compatible	V		
CD Text	V		
DVD Player			
DVD-R/-RW, +R/+RW Compatible	V		
Video DAC	108MHz/12-bit		
GIGA MP3 MULTI	108WH2/12-bit		
JPEG/MPEG1, 2 Compatible			
Dolby Digital	2 ch		
Video CD Playback	V		
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 (fs=48kHz)		
Channel Separation	85dB (at 1kHz, fs=48kHz)		
Wow & Flutter	Less than measureable limit		
Bluetooth Control*			
Bluetooth Control	Ready**		
Hands Free Call	V**		
Audio Streaming	V**		
Text Message Display	V**		
	V**		
Voice Recognition Dialing			
Phonebook Transfer	V**		
Mic Unit	V**		
* Available functions depend on cell phone. ** KS-E	BTA200 required		
iPod/iPhone Control			
iPod Control	✓ (USB)		
iPhone Control	✓ (USB)		
Battery Charge	✓ (USB)		
iPod/iPhone Video File Playback	V**		
2-Way Control for iPod/iPhone*	V		
(Headunit/iPod or iPhone Mode)			
* Compatibility with 2-way control for iPod/iPhone of	liffers by model		
** KS-U30 required for iPod/iPhone video playback.	Compatibility depends on iPod		
USB			
Position	Rear (Cable)		
MP3/WMA/WAV Compatible with Tag			
JPEG/MPEG1, 2 Compatible			
iPod/iPhone Video Playback	✓ (AV Plug*)		
iPod/iPhone Audio Playback	V		
* KS-U30 required for iPod/iPhone video playback.	Compatibility depends on iPod.		
Tuner			
HD Radio	Ready*		
SAT Radio Ready	V		
Tuner Type	HS-IVi		
No. of Presets (AM + FM)	6 + 18		
	530 - 1,710kHz		
Sensitivity	20µV		
Selectivity	40dB		
FM Frequency Range	87.5 - 107.9MHz		
Usable Sensitivity	9.3dBf (0.8μV/75Ω)		
50dB Quieting Sensitivity	16.3dBf (1.8μV/75Ω)		
Stereo Separation	40dB		
	4000		
* KT-HD300 required	Houb		
	4000		
Amplifier			
Amplifier Maximum Power Output	50W x 4		
Amplifier Maximum Power Output Continuous Power Output (RMS)			
Amplifier Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant	50W x 4		
Amplifier Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant * Total Harmonic Distortion	50W x 4		
Amplifter Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant * Total Harmonic Distortion MOS-FET Amp	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N		
Amplifier Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant * Total Harmonic Distortion MOS-FET Amp Audio DAC	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N ✓ 192kH2/24bit		
Amplifier Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant * Total Harmonic Distortion MOS-FET Amp Audio DAC Parametric IEQ	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N ✓ 192kHz/24bit 3-band		
Amplifier Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compliant * Total Harmonic Distortion MOS-FET Amp Audio DAC Parametric IEQ HPF	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N ✓ 192kHz/24bit 3-band ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N ✓ 192kHz/24bit 3-band ✓ ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N 192kHz/24bit 3-band ✓ ✓ ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AVideo Input (Camera)           Line Pre-Output (Camera)	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output vith Level/Frequency Control	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N 192kHz/24bit 3-band ✓ ✓ ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AVideo Input (Camera)           Line Pre-Output (Camera)	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output	50W × 4         20W RMS × 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output vith Level/Frequency Control	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N ✓ 192kHz/24bit 3-band ✓ ✓ ✓ ✓ 40 - 20,000Hz		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input CCamera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance	50W x 4           20W RMS x 4CH at 4Ω ≤ 1% THD* + N           ✓           192kHz/24bit           3-band           ✓		
Amplifier           Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compilant * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV lide Onput (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Uutput	50W x 4           20W RMS x 4CH at 4Ω ≤ 1% THD* + N           ✓           192kHz/24bit           3-band           ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Output	50W x 4           20W RMS x 4CH at 4Ω ≤ 1% THD* + N           ✓           192kHz/24bit           3-band           ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IED           HPF           AV Input           Video Input C(Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Output           Video Input           Video Output           Video Input           Video Input           Audio Input	50W x 4           20W RMS x 4CH at 4Ω ≤ 1% THD* + N           ✓           192kHz/24bit           3-band           ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           M05-FET Amp           Audio DAC           Parametric IEO           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Input           Sudio Input           More Devel           Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Audio Input           Audio Input           Audio Input	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Video Input           Video Input           Pre-Output Level/Impedance           Pre-Output Envel           Pre-Output Providence           Video Input           Providinty Sensor	50W x 4 20W RMS x 4CH at 4Ω ≤ 1% THD* + N $\checkmark$ 192kHz/24bit 3-band $\checkmark$ $\checkmark$ $\checkmark$ $\checkmark$ $\checkmark$ $\checkmark$ $\checkmark$ $\checkmark$		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input C(Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Output           Video Input           Video Input           Video Input           Pre-Output vel/Impedance           Video Input           Video Input           Video Input           Pre-Output Video Input           Pre-Output Sensor           Touch Panel	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           M05-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Judput           Video Input           Subwoofer Output with Level/Ingedance           Video Output           Pre-Output Level/Ingedance           Video Input           Montor           Proximity Sensor           Touch Panel           TFT OWOFF	50W × 4         20W RMS × 4CH at 4Ω ≤ 1% THD* + N         ✓         132kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input C(Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Input           Video Input           Video Input           Video Input           Pre-Output tervel/Impedance           Video Input           Audio Input           Monitor           Proximity Sensor           Touch Panel	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           M05-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Judput           Video Input           Subwoofer Output with Level/Ingedance           Video Output           Pre-Output Level/Ingedance           Video Input           Montor           Proximity Sensor           Touch Panel           TFT OWOFF	50W × 4         20W RMS × 4CH at 4Ω ≤ 1% THD* + N         ✓         132kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input C(Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Output           Pre-Output vel/Inpedance           Video Input           Monitor           Proximity Sensor           Touch Panel           TFT OutyOFF           Multilingual Display           Portuguese Display	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Prequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Output           Video Input           Pre-Output Level/Impedance           Video Input           Mubilinput           Monitor           Proximity Sensor           Touch Panel           TFT ON/OFF           Mubilingual Display           Portuguese Display           Screen Size	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         132kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Laad Impedance           Pre-Output Level/Impedance           Video Input           Audio Input           Motior           Proximity Sensor           Touch Panel           TFT ON/OFF           Mutilingual Display           Portuguese Display           Screen Size           Number of Pixels	50W x 4           20W RMS x 4CH at 4Ω ≤ 1% THD* + N           ✓           192kHz/24bit           3-band           ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           Avi Ioput           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Unput           Video Input           Video Input           Pre-Output Level/Ineguency Control           Composite Video Output           Frequency Response           Load Impedance           Video Unput           Monitor           Proximity Sensor           Touch Panel           TFT ON/OFF           Multingual Display           Portuguese Display           Screen Size           Numer of Pixels           Color System	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Moitor           Proximity Sensor           Touch Panel           TFT ON/OFF           Multilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Audio Input           Monitor           Proximity Sensor           Touch Panel           TFT ON/OFF           Mutilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, f	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           M05-FET Amp           Audio DAC           Parametric IEQ           HPF           Alvinout           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Input           Video Input           Pre-Output Level/Impedance           Video Input           Video Input           Prodymess Display           Pordupues Display           Pordupues Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Motorized Side-Out Pace	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Audio Input           Mutilingual Display           Proximity Sensor           Touch Panel           TFT ON/OFF           Mutilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, f	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Mointor           Proximity Sensor           Touch Panel           TFT ON/OFF           Multilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Motorized Slide-Out Pace           Detachable Control Panel	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier         Maximum Power Output         Maximum Power Output (RMS)         CEA-2006 Compliant         * Total Harmonic Distortion         MOS-FET Amp         Audio DAC         Parametric IEQ         HPF         Avi Ioput         Yideo Input (Camera)         Line Pre-Output Terminals (Pair)         Subwoofer Output with Level/requency Control         Composite Video Output         Frequency Response         Lad Impedance         Video Input         Video Input         Video Input         Molitor         Pre-Output Level/Impedance         Video Input         Audio Input         Monitor         Protupues Display         Portugues Display         Portugues Display         Screen Size         Number of Pixels         Color System         * English, Spanish, French, German, Italian, Dutch, F         General         Motorized Silde-Out Pace         Detachable Control Panel         Carrying Case	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric iEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Prequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Input           Video Output           Frequency Response           Load Impedance           Video Input           Audio Input           Monitor           Portouput Sensor           Touch Panel           TFT ON/OFF           Multilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Mutorized Side-Out Face           Detachable Control Panel           Carrying Case	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         132kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Continuous Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Pre-Output Level/Impedance           Video Input           Monitor           Proximity Sensor           Tool Panel           TFT OWOFF           Mutilingual Display           Portuguese Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Motorized Side-Out Face           Detachable Control Panel           Carrying Case           Wireless Remote Control Type           Steering Wheel Remote Ready	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output           Maximum Power Output (RMS)           CEA-2006 Compliant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           Avi Ioput           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Unput           Video Input           Video Unput           Pre-Output Level/Impedance           Video Unput           Monitor           Portugues Display           Portugues Display           Screen Size           Numer of Pixels           Color System           Color System           Motorized Silde-Out Face           Detachable Control Type           Steering Wheel Ready           Headunit         Installation Size (W x H x D)	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output Continuous Power Output (RMS) (CEA-2006 Compliant * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with LeveV/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Input           Video Input           Video Input           Video Input           Video Output           Frequency Response           Load Impedance           Video Input           Mutoid Input           Monitor           Portouguese Display           Screen Size           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Motorized Side-Out Face           Detachable Control Panel           Carrying Case           Wireless Remote Control Type           Stereing Wheel Remote Ready           Headunt         Instalation Size (W × H x D)           Panel Size (W × H x X D) </td <td>50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD" + N         ✓         192kHz/24bit         3-band         ✓     </td>	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD" + N         ✓         192kHz/24bit         3-band         ✓		
Amplifier           Maximum Power Output Continuous Power Output (RMS) CEA-2006 Compilant           * Total Harmonic Distortion           MOS-FET Amp           Audio DAC           Parametric IEQ           HPF           AV Input           Video Input (Camera)           Line Pre-Output Terminals (Pair)           Subwoofer Output with Level/Frequency Control           Composite Video Output           Frequency Response           Load Impedance           Video Input           Video Unput           Yideo Unput           Yideo Unput           Pre-Output Level/Impedance           Video Unput           Monitor           Portuguess Display           Screen Size           Number of Pixels           Color System           * English, Spanish, French, German, Italian, Dutch, F           General           Motorized Silde-Out Face           Detachable Control Type           Steering Wheel Remote Ready           Headunit         Instaliation Size (W x H x D)	50W x 4         20W RMS x 4CH at 4Ω ≤ 1% THD* + N         ✓         132kHz/24bit         3-band         ✓		



## **Specifications**

## **CD** Receivers

		1-DIN CD Receivers	KD-4HD69	KD-4615	KD-4215
) Player		KD-A815	KD-AHD69	KD-A615	KD-A315
Prayer MP3/WMA Compatible with	h ID3 Tag/WMA Tag	V	V	V	V
CD-R/RW Compatible	and o rag mint rag	V	V	V V	V
CD Text		V	V	V	V
requency Response		5 - 20,000Hz	5 - 20,000Hz	5 - 20,000Hz	5 - 20,000Hz
Dynamic Range		96dB	96dB	96dB	93dB
Signal-to-Noise Ratio		102dB	98dB	98dB	98dB
Channel Separation		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
uetooth Control*1					
Bluetooth Control		<b>✓</b> *2	Ready*4	Ready*4	Ready*4
Compatibility Check Mode		V			
Switching 2 Cell Phones		V			
lands Free Call		V	V*4	V*4	V*4
Audio Streaming		V	<b>✓</b> *4	V*4	V*4
Text Message Display		V*3	V*3*4	V*3*4	V*3*4
loice Recognition Dialing		v	<b>⊮</b> *4	<b>v</b> <sup>*4</sup>	V*4
Phone Book Access Profile	)	V			
Phonebook Transfer		Manual (400 Max.)	<b>V</b> *4	V*4	V*4
Aic unit		v	<b>⊮</b> *4	<b>v</b> <sup>*4</sup>	V*4
	end on cell phone. *2 USB Bluetooth Adapter	included *3 Receipt notification only *4 KS-BTA20	10 required		
od/iPhone Control					
Pod Control		✓ (USB)	✓ (USB)	✓ (USB)	
Phone Control		✔ (USB)	✓ (USB)	V (USB)	
Battery Charge		✔ (USB)	✓ (USB)	V (USB)	
	none* (Headunit/iPod or iPhone Mode)	v	V**	V	
Connections for iPod/iPh	ione	✓ (USB)			
Tunes Tagging			V		
External Mode for iPod/iPh		🖌 (USB)			
	control for iPod/iPhone differs by model. **	Switching from headunit mode to iPod/iPhone mo	de will pause your iPod/iPhone. For playback, ple	ase press "play" on your iPod/iPhone.	
SB					
Position		Front/Rear	Front	Front	
MP3/WMA Compatible with	h ID3 Tag/WMA Tag	V	V	V	
NAV Compatible		V			
Pod/iPhone Audio Playbac	:k	V	V	V	
iner					
ID Radio		Ready*	Built-in	Ready*	Ready*
SAT Radio Ready		V	V	V	V
Tuner Type		HS-IVi	DIAS II	HS-IVi	HS-IVi
No. of Presets (AM + FM)		6 + 18	6 + 18	6 + 18	6 + 18
AM	Frequency Range	530 - 1,710kHz	530 - 1,710kHz	530 - 1,710kHz	530 - 1,710kHz
	Sensitivity	20µV	13µV	20µV	20μV
	Selectivity	40dB	80dB	40dB	40dB
FM	Frequency Range	87.5 - 107.9MHz	87.5 - 107.9MHz	87.5 - 107.9MHz	87.5 - 107.9MHz
	Usable Sensitivity	9.3dBf (0.8μV/75Ω)	8.3dBf (0.7μV/75Ω)	9.3dBf (0.8μV/75Ω)	11.3dBf (0.8μV/75Ω)
	50dB Quieting Sensitivity	16.3dBf (1.8μV/75Ω)	14.3dBf (1.4μV/75Ω)	16.3dBf (1.8μV/75Ω)	16.3dBf (1.8μV/75Ω)
	Stereo Separation	40dB	50dB	40dB	40dB
* KT-HD300 required					
mplifier					
Maximum Power Output		50W x 4	50W x 4	50W x 4	50W x 4
Continuous Power Output (	(RMS)	20W RMS x 4CH at $4\Omega \leq 1.0\%$ THD* + N	20W RMS x 4CH at $4\Omega \leq 1.0\%$ THD* + N	20W RMS x 4CH at $4\Omega \leq 1.0\%$ THD* + N	20W RMS x 4CH at $4\Omega \leq 1.0\%$ THD* +
CEA-2006 Compliant					
* Total Harmonic Distortion	1				
MOS-FET Amp		V	V	V	V
4-bit DAC		✓*1		V	V
Advanced Multi-bit DAC			V		
oudness Control		✓ (3 patterns)		V	
Parametric iEQ		3-band		3-band	3-band
EQ			7-band		
HPF		V			11010
ine Pre-Output Terminals		3*2	2*2	2*2*3	1*2*3
Subwoofer Output with Lev	vel/Frequency Control	<b>✓</b> *2	V*2	<b>✓</b> *2*3	✓*2*3
Front AUX Input		V	V	V	<ul> <li>✓</li> </ul>
Load Impedance		4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)	4Ω (4 - 8Ω allowable)
ine Output Level		5.0V	5.0V	5.0V	5.0V
Line Output Impedance		1kΩ	1kΩ	1kΩ	1kΩ
	Plated Terminals *3 Rear/Subwoofer Switcha	able			
splay					
Separated Variable-Color		<ul> <li>✓</li> </ul>	V	V	V
ull Dot LCD		V			
evel Meter		V			
Dimmer		V	V	V	🖌 (Manual)
eneral					
Detachable Control Panel		V	V	V	V
Carrying Case		V	V	V	
Beep Tone Support		V*	V*	V*	V*
Vireless Remote Control T	Туре	Oval-Shaped	Oval-Shaped	Oval-Shaped	Oval-Shaped
Rotary Encoder		V	V	V	V
Steering Wheel Remote Re	eadv	V	V	V V	V
Headunit	Installation Size (W x H x D)	7 3/16" x 2 1/16" x 6 5/16"	7 3/16" x 2 1/16" x 6 5/16"	7 3/16" x 2 1/16" x 6 5/16"	7 3/16" x 2 1/16" x 6 5/16"
		(182 x 52 x 160mm)	(182 x 52 x 159.5mm)	(181.6 x 51.6 x 159.6mm)	(182 x 52 x 160mm)
	Panel Size (W x H x D)	7 7/16" x 2 5/16" x 1/4"	7 7/16" x 2 5/16" x 1/4"	7 7/16" x 2 5/16" x 1/4"	7 7/16" x 2 5/16" x 1/4"
		(188 x 58 x 5.6mm)	(188 x 58 x 5mm)	(188 x 58 x 5.6mm)	(188 x 58 x 5.6mm)
	Detachable Face Plate (W x H x D)	6 3/4" x 1 7/8" x 3/4"	6 3/4" x 1 7/8" x 3/4"	6 3/4" x 1 7/8" x 3/4"	6 3/4" x 1 7/8" x 3/4"
		0 3/4 X 1 //0 X 3/4			