

## HEAD UNIT FEATURES

	P907	KDC-H915	KDC-H815	KDC-H715	KDC-H615	KAC-H858	KMD-H92
<b>POWER OUTPUT</b>							
Maximum Power	40 x 4		45 x 4	45 x 4	45 x 4	45 x 4	45 x 4
Full Bandwidth Power	22 x 4		22 x 4	22 x 4	22 x 4	22 x 4	22 x 4
<b>GENERAL FEATURES</b>							
D MASK+ Motorized Removable Faceplate		•	•	•		•	•
D MASK Manual Removable Faceplate					•		
D MASK+ Angle Adjust		•	•	•		•	•
Display Readout	Video Display	Full Dot Matrix	Full Dot Matrix	12 Char Dot Matrix	12 Char Dot Matrix	12 Char Dot Matrix	Full Dot Matrix
Display Backlight	LCD	Fluorescent	Fluorescent	White LED	White LED	White LED	Fluorescent
Display Color	Hi-Resolution Full Color	Hi-Resolution Color	Hi-Resolution Color	Hi-Resolution Color	Multi-Color	Hi-Resolution Color	Hi-Resolution Color
Contrast Control	•			10 Step	10 Step	10 Step	
Spectrum Analyzer		•	•				•
Dimmer Control	3 Step	10 Step	10 Step	•	•	•	10 Step
2-Color Key Illumination		•	•	•	•	•	•
Source Key	On Screen GUI	Blue	Blue	Blue	Blue	Blue	Blue
Auto Dimmer	•	•	•	•	•	•	•
Remote Control	Grip Type	AC-520	AC-520	AC-520	AC-520	AC-520	AC-520
Accessory Capable		•	•	•	•	•	•
2-Zone Control		•	•	•	•	•	•
Attenuator with SUR	-20dB	-20dB/-60dB	-20dB	-20dB	-20dB	-20dB	-20dB
Changer Control Type (see table for details)	3	3	3	3	3	3	3
<b>AUDIO FEATURES</b>							
Pre-Outs	F+R/NF	F+R+NF (Gold)	F+R+NF (Gold)	F+R/NF (Gold)	F+R/NF (Gold)	F+R/NF (Gold)	F+R+NF (Gold)
Pre-Out Voltage	4U/80ohm	4.5U/80ohm	4.5U/80ohm	4.5U/80ohm	1.8U	4.5U/80ohm	4.5U/80ohm
KEH Sound Control		•	•	•	•	•	•
System E's+ Crossover System	System E's	•	•	•	•	•	•
DRIVE & D-Bit Mute		•	•	•	•	•	•
20-Bit Resolution D/A		•	•	•	•	•	•
10-Second Digital Anti-Skip							•
Dolby B Noise Reduction						•	
PowerSlide/B.M.S. Interface		•	•	•	•	•	•
<b>TUNER FEATURES</b>							
RDS	•	•	•	•	•	•	•
Station Naming	•	•	•	•	•	•	•
Station Name Preset Play	•	•	•	•	•	•	•
Weather Band Capable		•	•	•	•	•	•
Tuner Antenna Control	•	•	•	•	•	•	•
Dimensions (W x H x D)	7-1/16 x 1-15/16 x 7-3/16	7-3/16 x 2-1/16 x 6-5/16	7-3/16 x 2-1/16 x 6-3/8	7-3/16 x 2-1/16 x 6-3/8	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 6-3/8

## CD CHANGER FEATURES

## CHANGER CONTROL FEATURES

	KDC-CH85	C907	Type 3	
<b>COMPACT DISC FEATURES</b>			<b>CHANGER CONTROL FEATURES</b>	
DRIVE & D-Bit Mute	•	•	Changer Control	
Integrated Quad D/A Converter	20-Bit Resolution	20-Bit Resolution	2, + Aux (w/KCA-210A or compatible changer)	
Digital Filter	20-Bit Resolution	20-Bit Resolution	CD Text	
Digital Optimum Servo Control (DOSC)	•	•	Disc Naming	
Precision Digital Timing (DPAC)	•	•	Disc Name Preset Play	
CD Text	•	•	Play Time Display	
Disc Capacity	100 Discs	100 Discs	Random	
<b>GENERAL FEATURES</b>			Disc, Magazine	
Additional Changer Control or Aux Input	•	•	Repeat	
For Use With P907 Mobile Television		•	Scan	
Disc Capacity	10 Discs	10 Discs	Direct Disc and Track Access	
Super Capacitor Memory	•	•	with Remote	
3-Angle Mounting (0, 45, 90 Degrees)	•	•		
M2-Bus Control		•		
Ebony Finish	•	•		
Dimensions (W x H x D)	9-13/16 x 3-1/8 x 7-15/16	9-13/16 x 3-1/8 x 7-15/16		

## PERFORMANCE SPECIFICATIONS

	ALL CD Head Units except HDC-H615	HDC-H615	HMD-H92	HDC-CH85/C907	P907	HAC-H858
Frequency Response	10Hz - 20kHz (±1dB)	10Hz - 20kHz (±1dB)	20Hz - 20kHz (±2dB)	10Hz - 20kHz (±1dB)	5Hz - 20kHz (±1dB)	30Hz - 18kHz (±3dB, 70µs)
Total Harmonic Distortion (1kHz)	0.01%	0.01%	0.01%	0.005%	0.01%	
Signal-to-Noise Ratio (1kHz)	105dB	96dB	90dB	100dB	93dB	65dB (Dolby B), 57dB (Dolby off)
Dynamic Range	100dB	93dB	90dB	96dB	93dB	
Channel Separation	95dB	85dB	85dB	96dB	85dB	43dB (1kHz)
Preamplifier Output Level	4.5U	1.8U	4.5U			4.5U (Changer Control Mode)
Preamplifier Output Impedance	80 ohms	600 ohms	80 ohms			80 ohms
Auxiliary Input Level				1.4U		
Tone Control Characteristics	±10dB at 100Hz (Bass) ±10dB at 10kHz (Treble)	±10dB at 100Hz (Bass) ±10dB at 10kHz (Treble)	±10dB at 100Hz (Bass) ±10dB at 10kHz (Treble)		±10dB at 100Hz (Bass) ±10dB at 10kHz (Treble)	±10dB at 100Hz (Bass) ±10dB at 10kHz (Treble)
Wow & Flutter (WRMS)	Unmeasurable	Unmeasurable	Unmeasurable	Unmeasurable	Unmeasurable	0.08%

## TUNER SPECIFICATIONS

	ALL Head Units
FM Useable Sensitivity (0.8µV/75 ohms, 30dB S/N)	9.3dBf
FM Quieting Sensitivity (1.6µV/75 ohms, 50dB S/N)	15.2dBf
FM Selectivity (±400kHz)	≥80dB
FM Signal-to-Noise Ratio (Mono)	70dB
FM Stereo Separation (1kHz)	40dB
AM Useable Sensitivity (25µV, 20dB S/N)	28dBµ

## POWER AMPLIFIER FEATURES

	HAC-H501F	HAC-H401M	HAC-H301T	HAC-H201T
<b>POWER RATINGS (WATTS)</b>				
4 Ohm @ 14.4U				
20 - 20kHz 0.08% THD	75 x 4	300 x 1	100 x 2	75 x 2
4 Ohm @ 12.0U				
20 - 20kHz 0.08% THD	50 x 4	200 x 1	75 x 2	50 x 2
2 Ohm @ 14.4U				
1kHz 0.8% THD	150 x 4	600 x 1	200 x 2	150 x 2
2 Ohm @ 12.0U				
1kHz 0.8% THD	100 x 4	400 x 1	150 x 2	100 x 1
Bridged @ 14.4U				
1kHz 0.8% THD	300 x 2		400 x 1	300 x 1
Max Power	600 x 2	1200 x 1	800 x 1	600 x 1
Signal-to-Noise Ratio	105dB	105dB	105dB	105dB
<b>POWER SUPPLY FEATURES</b>				
Dual Power Supply	•	•	•	
Large Secondary Cap	•	•	•	•
Glass Epoxy PCB	•	•	•	•
Cooling Fan	(2)	•	(2)	•
Power Terminal	Large MG	Large MG	Large MG	Large MG
Power Indicator	•	•	•	•
<b>AUDIO FEATURES</b>				
Sigma Drive	•		•	•
Sigma Servo		•		
LAPT Transistors	•	•		
Tri-Mode	•		•	•
Stereo, Mono	•		•	•
Mono		•		
Low Pass Filter (Hz, dB/oct)	50-200, 24dB	50-200, 24dB	50-200, 18dB	50-200, 18dB
High Pass Filter (Hz, dB/oct)	50-200 18dB		50-200, 12dB	50-200, 12dB
Band Reject Filter (Hz)		40-200		
Infrasonic Filter (Hz, dB/oct)	15/25, 24dB	15/20/25/30, 24dB	25, 18dB	25, 18dB
Parallel RCA In/Out	•	•	•	•
Dimensions (D x H x W)	10-11/16 x 2-1/2 x 14-15/16	10-11/16 x 2-1/2 x 14-15/16	10-11/16 x 2-1/2 x 11-13/16	10-11/16 x 2-1/2 x 10-5/8

## OVAL SPEAKER FEATURES

	KFC-H716	KFC-H696	KFC-H576C	KFC-H466C
<b>SPEAKER FEATURES</b>				
Woofers	7"x10" Pearl Mica Polypropylene Cone	6"x9" Pearl Mica Polypropylene Cone	5" x 7" Pearl Mica Polypropylene Cone	4" x 6" Pearl Mica Polypropylene Cone
Midrange	2-3/4" PEI Film Cone	2-3/4" PEI Film Cone		
Tweeter	1" PPTA Film Balanced Dome	1" PPTA Film Balanced Dome	1-9/16" Polyamide Balanced Dome	1" Polyamide Balanced Dome
Rubber Surround	•	•	•	Urethane
Multiple Component Crossover	•	•		
Swivel Tweeter Mount			±15 degrees	
Gold-Plated Speaker Connectors	•	•	•	•
OFC Speaker Wire			•	•
Magnet Weight	18 oz	18 oz	8.3 oz	5.6 oz
Power Handling	280 Watts	260 Watts	120 Watts	100 Watts
Sensitivity	93dB	93dB	92dB	91dB
Frequency Response	25Hz - 30kHz	25Hz - 27kHz	35Hz - 30kHz	40Hz - 30kHz
Mounting Depth	3-1/4"	3-1/4"	2-1/16"	1-3/4"

## ROUND SPEAKER FEATURES

	KFC-H167dB	KFC-H137dB	KFC-H106
<b>SPEAKER FEATURES</b>			
Woofers	6" PBD Advanced Fiber Cone	5" PBD Advanced Fiber Cone	4" Pearl Mica Polypropylene Cone
Tweeter	1-3/16" PEI Film Balanced Dome	1-3/16" PEI Film Balanced Dome	1" PPTA Film Balanced Dome
Rubber Surround	•	•	•
Aluminum Voice Coil	•	•	TIL
OFC Speaker Wire	•	•	•
Gold-Plated Speaker Connectors	Bi-Wirable	Bi-Wirable	Bi-Wirable
Magnet Weight	11.9 oz	8.2 oz	6.4 oz
Power Handling	220 Watts	160 Watts	70 Watts
Sensitivity	92dB	92dB	90dB
Frequency Response	35Hz - 30kHz	30Hz - 30kHz	45Hz - 30kHz
Mounting Depth	2-3/8"	2-5/16"	1-5/8"

## WOOFER FEATURES

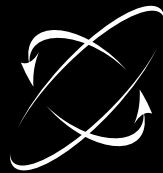
	KFC-KW12dB	KFC-KW10dB
<b>WOOFER FEATURES</b>		
Woofers	12" PBD Advanced Fiber Cone	10" PBD Advanced Fiber Cone
One-Piece Rubber Surround and Gasket	•	•
3-D Injection-Molded Dust Cap	•	•
Voice Coil	2-1/2" Kapton and Glass Fiber	2" Kapton and Glass Fiber
Heat-Resistant Cone Damper with Advanced Feed Construction	•	•
Strontium Ferrite Magnet	•	•
1.2mm-Thick Steel Frame	•	•
Vented Extended Pole Piece	Extra-Long, Spiral-Vented	Extra-Long, Spiral-Vented
Bumped Yoke	•	•
Speaker Connectors	Gold-Plated, 2-Way SB	Gold-Plated, 2-Way SB
Magnet Weight	52.9 oz	42.3 oz
Power Handling	1,000 Watts	800 Watts
Sensitivity	93dB	92 dB
Frequency Response	23Hz - 600Hz	25Hz - 600Hz
Mounting Depth	6-1/8"	5-1/2"
Hole Size	10-7/8"	9"
Displacement	0.15 cu. Ft.	0.085 cu. Ft.
<b>THREE-SMALL PARAMETERS</b>		
Nominal Impedance (Z)	4 ohms	4 ohms
DC Resistance (Re)	2.8 ohms	2.78 ohms
Resonant Frequency (Fs)	19.3Hz	24.4Hz
Mechanical Q Factor (Qms)	11.3406	6.446
Electrical Q Factor (Qes)	0.4	0.462
Total Q Factor (Qts)	0.386	0.431
Volume Acoustic Compliance (VAS)	198 Liters/6.996 cu. Ft.	79 Liters/2.792 cu. Ft.
Moving Mass (Mms)	3.3 oz.	2.618 oz.
Voice Coil Diameter (d)	2-3/8"	1-7/8"
Force Factor (BL)	9.94 Tm	9.23 Tm
Peak Excursion (Xmax)	9 mm	12 mm

## COMPONENT SPEAKER PACKAGE FEATURES

	HFC-HR60p	HFC-HR50p
<b>MIDRANGE FEATURES</b>		
Pearl Mica Polypropylene Midrange Cone	6-1/2"	5-1/4"
Butyl Rubber Surround	•	•
Dual Neodymium Magnets	•	•
4-Layer Heat-Resistant Voice Coil	•	•
Magnet Weight	0.82 oz x 2	0.82 oz x 2
Mounting Depth	1-15/16"	1-7/8"
<b>TWEETER FEATURES</b>		
Tweeter	1" UFLC Soft Dome	1" UFLC Soft Dome
Neodymium Magnet	•	•
Swivel Mount	•	•
<b>SYSTEM FEATURES</b>		
Crossover	2-Way Component	2-Way Component
Tweeter Attenuation Adjustment	0dB/-2dB/-4dB	0dB/-2dB/-4dB
Crossover Midrange Connections	Through/Low Cut	Through/Low Cut
Gold-Plated Crossover Speaker Terminals	•	•
Power Handling	180 Watts	160 Watts
Sensitivity	91dB	90dB
Frequency Response	35Hz - 30kHz	40Hz - 30kHz

## DUALMAGS SPEAKER FEATURES

	HFC-HR600	HFC-HR500	HFC-HR400
<b>SPEAKER FEATURES</b>			
Pearl Mica Polypropylene Woofer Cone	6"	5"	4"
UFLC Soft-Dome Tweeter	1"	1"	13/16"
Butyl Rubber Surround	•	•	•
Pearl-Mica Injection-Molded Polypropylene Dustcap	•	•	•
4-Layer Heat-Resistant Voice Coil	•	•	•
Heat-Resistant Voice Coil and Polyamide Damper			•
Dual Neodymium Magnets	•	•	•
Bridged Tweeter Support	•	•	•
Speaker Connectors	Gold-Plated	Gold-Plated	Gold-Plated
Bi-Wire Connections	•	•	•
OFC Speaker Wire	•	•	•
Magnet Weight	0.82 oz x 2	0.82 oz x 2	0.29 oz x 2
Power Handling	180 Watts	160 Watts	100 Watts
Sensitivity	92dB	91dB	90dB
Frequency Response	35Hz - 30kHz	40Hz - 30kHz	45Hz - 30kHz
Mounting Depth	1-15/16"	1-7/8"	1-5/8"



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