

Digital Player Comparison

Function	Classification	D-05	D-08u	D-06u	D-05u	D-05u's characteristics, improvement from the previous model
DIR	Receiver IC	DIR9001	PCM9211	PCM9211	PCM9211	D-05u uses the same IC as D-06u,D-08u.
DSP	Up-Sampling	-	TAS-3152	TAS-3152	-	
DAC	DAC IC	PCM1792A(1)	PCM1792A(2,L/R independent)	PCM1792A(2,L/R independent)	PCM1795(2,L/R independent)	Changed to PCM1795. L/R independent makes the separation improved. Analog part is fully-balanced circuit contributing to improve sound quality D-05 u can up-sample MAX 394kHz inside of DAC.
	DAC Driver Amplifier	NJM5532(OPamplifier)	ODNF 4.0 Completely	NJM5532(OPamplifier)	NJM5532(OPamplifier)	
	Analog Circuit Power	L/R3 Terminal Regulator ± 15V	L/R Independent Discrete ± 40V	L/R Independent Discrete ± 15V	L/R Common Discrete ± 15V	Analog amplifier circuit is same as D-06u, its power part is L/R common. Analog amplifier circuit being discrete makes the sound timing and rythum more detailed and accurate.
DIGITAL FILTER	PCM/DSD	-	PCM 2/DSD 3	PCM 2/DSD 3	PCM 2/DSD 2	2 kinds as D-06u.
Supported Format (MAX)	S/PDIF	96/24bit	192/24bit	192/24bit	192/24bit	Same as D-06u,D-08u.
	USB PCM	-	384/32bit	384/32bit	192/32bit	
	USB DSD	-	2.82/5.64MHz	2.82/5.64MHz	2.82/5.64MHz	
	CD/SACD	○	○	○	○	
Digital input/output	OPT input/output	Input 1/Output 1	Input 2/Output 1	Input 1/Output 1	Input 1/Output 1	Same as D-06u. Pressing and holding "Digital IN" for a few seconds switches Digital Out.
	COAXinput/output	Input 1/Output 1	Input 1/Output 1	Input 1/Output 1	Input 1/Output 1	
	USB Asynchronous	-	○	○	○	
	USB Receiver	-	TI Made DSP	TI Made DSP	NXP Made	
Jitter Reduction	CD/SACD	CS2300	CS2300+PCM9211	CS2300+PCM9211	CS2300+PCM9211	Mounted with the jitter reduction circuit same as the upper models(D-06u, D-05u) you have clearer sense of where each instrument is.
	S/PDIF	DIR9001 PLL	PCM9211 PLL	PCM9211 PLL	PCM9211 PLL	
	USB	-	DSP PLL	DSP PLL	NXP PLL	
Clock	22/24MHz	DVDM Inside Clock	NDK MadeReduced Phase Noise	NDK MadeReduced Phase Noise	NDK MadeReduced Phase Noise	Not the clock in side of DAC, using the same clock as the upper models reducing jitters
Power Transformer	Core	R	OI	OI	OI	Changed from R core to OI core.
Main Body Bottom (except for CD operation )	Phase invert	-	○	○	○	Switches BAL/UNBAL.
	Digital IN	-	○	○	○	
	Digital OUT	○	○	○	-	Pressing and holding Digital IN for a few second
	CD/SACD	○	○	○	-	Can be swiched by remote control
Mechanism	LxDTM	○	With Shutter Function	○	○	Improved vibration control from the mechanism of D-05
Display	-	Zoom Function(temporary)	Zoom Function(Fixable)	Zoom Function(Fixable)	Zoom Function(Fixable)	-
Remote Control	-	RD-16	RD-21	RD-21	RD-21	Aluminum like D-06u, D-08u
Characteristics(from HP)	S/N(dB) CD/SACD/USB	124/104/-	123/106/123	122/104/123	122/102/123	
	Distortion (%) CD/SACD/USB	0.0014/0.0017/-	0.0015/0.0011/0.0009	0.0015/0.0011/0.0009	0.0015/0.0015/0.0009	
	Power Consumption(W)	20	36	28	24	
Sound Quality						In comparison with D-05, the amount of information is increased, the feel of scale of the performance stage is improved. The low range has more energish feel and virtual sound sense is more vivid. The sound standup is more speedy and the afterglow of the sound fading is fully expressed, you can feel how good the resonance is.