Test Performance For Car Power Amplifiers

Model: DAK-200.4D **REV: 1.0** **Date:** 2019-06-12

Test Item			Unit	Limit	1		2		3		Remarks
					CH1	CH2	CH3	CH4			
Output Power	4 ohm	1KHz	W		224	226	225	228			
	2 ohm	1KHz	W		377	372	374	370			
	4 ohm Bridged	1KHz	W		754		756				
Distortion THD (LPF=80KHz)	4 ohm	1KHz	%		0,16	0,09	0,18	0,11			
	2 ohm	1KHz	%		0,08	0,15	0,1	0,16			
	4 ohm Bridged	1KHz	%		0,15		0,17				
S/N Ratio(+A)	Full Rated	1KHz	dB		94	95	94	95			
Channel Separation(LPF=80KHz)		1KHz	dB		50	52	51	52			
Frequency Response	Low Level	-1dB	Hz		5-20K	5-22K	5-17K	5-17K			
	High Level	-1dB	Hz								
High Pass Filter (HPF)*1			Hz		15-584	15-588	14-570	14-572			
High Pass Filter (HPF)*10			Hz		163-6.8K	160-6.5K	156-6.8K	157-6.8K			
Low Pass Filter (LPF)			Hz		38-3.2K	41-3.3K	41-3.2K	41-3.2K			
Bass Boost (45Hz)			dB								
Input Sensitivity	Low Leve	1KHz	V		0.22-6.2	0.22-6.2	0.22-6.2	0.22-6.2			
	High Leve	1KHz	V								
Current Idling			A		1.3A						
Line Output											
Residual Noise			mV								
Protection	Over Voltage		V								
	Under Voltage		V		8	8	8	8			
	Speaker Short		Yes		pass	pass	pass	pass			
	DC Level		mV		pass	pass	pass	pass			
	Fuse		A		4ohm: 70A		2ohm: 127A		4ohm bridge: 127A		
	Temperature		℃		Protection: 78℃				Come Back: 70℃		
	REV Polarity		Yes		pass	pass	pass	pass			
Remote ON			Sec								
PCB Part No.: 01-040289-2100			Transformer Ratio SPEC: R49						Fuse:		
Power Requirement: 14.4V			Audio Analyzer: Audio Precision System TWO 2322								