

SPECIFICATION

MODEL	C6-SUB	SAMPLE NO.	DATE	06/10/31			
CUSTOMER	SPECIFICATION	150W/4 SUBWOOFER AMPLIFIER					
NO.	STANDARD TEST CONDITIONS	NO.	STANDARD TEST CONDITIONS				
1.	Supply Voltage/Current: AC 0-300V/10A~50/60Hz (stability power supply)	5.	Measurement Bandwidth: audio precision 10Hz Hi pass & 20KHz Low pass Filter				
2.	Operating Voltage: AC= 115V/50Hz	6.	Output Load: 4 /400W no induce Resistor				
3.	Signal Source: 600 unbalanced audio precision	7.	Amplifier Position: >10 inch free air space sides Of heat sink				
4.	Reference Frequency: 100Hz	8.	Operating Temperature: 25 ±3				
NO.	TEST ITEMS	TEST CONDITIONS			UNIT	LINE IN	LFE
1.	OUTPUT POWER	1% THD+N 4 100Hz (Level & crossover at Max,)			W	140	141
2.	THD+N	RATED POWER =150W 4 100Hz (Level & crossover at Max,)			%	3	3
		POWER 1W/4 100Hz (Level & crossover at Max,)			%	0.03	0.03
3.	AUTO ON SENSITIVITY	LINE IN (AUTO ON SENSITIVITY)			mV	6.0	
	AUTO OFF TIME	AUTO TURNING OFF TIME (RATED POWER 4 100Hz -> INPUT OFF)			Minutes	23	
4.	INPUT SENSITIVITY	LINE-IN RATED POWER 4 100Hz (Level & crossover at Max,)			mV	140	132
		HIGH-IN RATED POWER 4 100Hz (Level & crossover at Max,)			V	2.7	2.6
5	LINE OUT	LINE-IN RATED POWER 4 100Hz (Level & crossover at Max,)			mV	/	
6	FREQUEN RESPONSE	POWER 1W/4 100Hz=0dB/-3dB (Level & crossover at Max,)			Hz	23~140	25~1.5K
7	LOW PASS CROSSOVER	POWER 1W/4 100Hz=0dB/-3dB (Level at Max, crossover at Min)			Hz	48~140	
8	FILTER	LOW PASS 1W/4 LINE:140Hz=0dB (Level & crossover at Max,)			dB/oct	10.5	3
		HI PASS 1W/4 24Hz=0dB (Level & crossover at Max,)			dB/oct	17	17
9	BASS BOOSTER	POWER 1W/4 38Hz (100Hz=0dB Level & crossover at Max,)			dB	4.2	3.1
10	SIGNAL TO NOISE	RATED POWER 4 100Hz (Level & crossover at Max,)+A			dB	88	85
		POWER 1W/4 100Hz (Level & crossover at Max,)+A			dB	66	65
11	OUTPUT NOISE	SIGNAL SOURCE:600 (Level & crossover at Max,)			mV	2.7	2.6
		SIGNAL SOURCE:600 (Level & crossover at Min,)			mV	1.0	1.1
13	PHASE	RATED POWER 4 100Hz			PASS	OK	OK
14	SHORTED OUTPUT	SHORT ACROSS OUTPUT CHANNEL(RATED POWER 4 100Hz For 2 Minutes)			PASS	OK	OK
15	VOLTAGE SUPPLY EXTREMES	1/8 POWER /4 100Hz (+)10%Voltage Duration:10 Minutes			PASS	OK	OK
		1/8 POWER 1W/4 100Hz (+) 10%Voltage Duration:10Minutes			PASS	OK	OK
16	CURRENT DRAW	No-LOADS RATED Voltage (Level & crossover at Max,)			A	0.14	
		No-LOADS +10% Voltage (Level & crossover at Max,)			A	0.16	
		RATED POWER 4 100Hz (Level & crossover at Max,)			A	2.6	
17	TEMPERATURE TEST	1/8 RATED POWER 4 100Hz Duration:60 Minutes				48	
17	HI-POT TEST	LINE TO GROUND & HEAT-PANEL (TEST TIME:1 S Min; I 100 m A,limit U 1500V			PASS	OK	OK
18	INSULATION RESISTANCE	LINE TO GROUND&HEAT-PANEL 500V DC;TEST TIME:1 S Min,R 4 MOhm			PASS	OK	OK
COMMENTS							

APPROVED BY:

CHECKED BY:

TESTED BY:

VS-P-19-01