

CHARIO QUADRO TECHNICAL SPECIFICATIONS

SPECIFICATION	50W*2 AMPLIFIER
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NO.	STANDARD TEST CONDITIONS	NO.	STANDARD TEST CONDITIONS
1	Supply Voltage/Current: AC 0-300V/10A~50/60Hz <i>(stadle power supply)</i>	5	Measurement Bandwidth: audio precision 10Hz <i>Hi pass & 80KHz Low pass Filter</i>
2	Operating Voltage: AC= 230V/50Hz	6	Output Load: 4Ω/1000W non- induce Resistor
3	Signal Source: 600Ωunbalanced audio precision	7	Amplifier Position: >10 inch free air space
4	Reference Frequency:1KHz	8	Operating Temperature: 25°C±3°C

NO.	TEST ITEMS	TEST CONDITIONS	UNIT	SPEC.	
				L	R
1	OUTPUT POWER	1%THD 4Ω 1KHz (VR at MAX) , +30K	W	50	50
2	THD+N	RATED POWER 50W/4Ω 1KHz (VR at MAX)+30K	%	1	1
3		POWER 10W/ 4Ω1KHz (VR at MAX),+30K	%	0,1	0,1
4		RATED POWER 45W/4Ω(VR at MAX)	LIN IN mV	580	580
5	INPUT SENSITIVITY		AUX IN mV	580	580
6	FREQUENCY RESPONSE	POWER 1W/4Ω 1KHz=0dB/-3dB	Hz	35-50K	35-50K
7	SEPARATION	ATED POWER 4Ω1KHz (VR at Max)	dB	60	60
8	S/N	RATED POWER 45W/4Ω (VR at MAX) +A	dB	95	95
9		POWER 1W/ 4Ω1KHz (VR at MAX) +A	dB	80	80
10		SIGNAL SOURCE: 600Ω(Level at Max & Filter off)+30K	mV	1	1
11	OUTPUT NOISE	SIGNAL SOURCE: 600Ω(Level at Min & Filter off)+30K	mV	1	1
12	DC OFF SET	No- SIGNAL RATED Voltage (Level at Max, Filter SW. off) +30K	mV	40	40
13	SHORTED OUTPUT	OUTPUT CHANNEL LEADS TO GROUND(1~40W 4Ω 1KHz For 2 Minutes)	PASS	/	/
14	POWER SUPPLY EXTREMES	FULL POWER /4Ω1kHz (+)10%Voltage Duration:5 Minutes	PASS	PASS	
15		NON-LOADS (+) 20%Voltage Duration:2 Minutes	PASS	PASS	
16	CURRENT DRAW	NON-LOADS RATED Voltage	mA	60	
17		NON-LOADS +10% Voltage	mA	60	
18		RCA IN 4Ω (VR at MAX SW at 0dB) 50W*2	A	0,7	
19	PROTEC-TEST	1/8 POWER TEMPERATURE PROTECTOR (POWER AC V LOAD 4Ω RCA INPUT MV)	°C	/	
20		1/8 POWER TEMPERATURE PROTECTOR (POWER AC V LOAD 4Ω RCA INPUT MV)	Minutes	/	
21	HI-POT TEST AC 3000V/3mA	LINE TO GROUND & HEAT-PANEL 10 S	PASS	OK	
22		LINE TO SPEAKER OUTPUT 10 S	PASS	OK	
23	FUSE		A	T1A/250V	

COMMENTS	Auto Standby time 15 min
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