

TEST REPORT

California Appliance Efficiency Regulations dated January 2017 Televisions, and Consumer Audio and Video Equipment. (CEC-140-2019-002)

Report reference No SiCT2210100935S

Test by (print+signature)..... Collin Zhou

Checked by (print+signature)..... Jean Shu

Approved by (print+signature)..... Andy Wang



Date of issue 2022-10-24

Testing Laboratory Name Shenzhen SiCT Technology Co., Ltd.

Address 202, Building 3, No.111, Huanguan Middle Road, Songyuanxia Community, Guanhu Street, Longhua District, Shenzhen, Guangdong, China

Applicant's name..... SOUND AROUND INC.

Address..... 1600 63rd Street, Brooklyn, NY 11204, USA

Brand name..... PYLE

Manufacturer's name..... JIAXING DIBEISI ELECTROACOUSTICS CO., LTD.

Address..... No.1515, Zhou'an Road, Jiaxing, Zhejiang, China

Test item description..... Speaker

Model/Type reference..... PLMRS8B

Series Model..... See appendix for additional models

Ratings..... I/P: 12V= 10W (Max)

Test method Electrotechnical Commission (IEC)62301:2005 and 62087:2008(E), as Directed in Section 1604(v) of the Title 20 Appliance Efficiency Regulations

Test requested..... California Appliance Efficiency Regulations dated January 2019- Compact Audio Device (CEC-140-2019-002)

Non-standard test method None

Test Report Form No..... SiCT-C

Test Report Form(s) Originator..... SiCT

Copyright © 2020 Shenzhen SiCT Technology Co., Ltd. (SiCT). All rights reserved.

This publication may be produced in whole or in part for non-commercial purposes as long as SiCT is acknowledged as copyright owner and source of the material. SiCT takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Series Model:

PLMRS83BL, PLMRS83WL, PLMRS8W, PLRGSW124WT, PLSMRW104WT, PDIC106, PDIC16106, PDIC1651RD, PDIC1656, PDIC1666, PDIC4, PDIC4CBTL35B, PDIC4CBTL4B, PDIC51RDBK, PDIC56, PDIC60, PDIC60T, PDIC61RD, PDIC63T, PDIC80, PDIC80T, PDIC81RD, PDIC81RDBK, PDICBT286, PDICBT652RD, PDICBT852RD, PDICLE35, PDICLE4, PDICS8, PDICS82, PDIW57, PDIW87, PDIWCS56, PDIWS10, PDPC82, PDPC8T, PIC6E, PIC8E, PLMR41B, PLMR41W, PLMR51B, PLMR51W, PLMR52, PLMR605B, PLMR605W, PLMR60B, PLMR60DK, PLMR60S, PLMR60W, PLMR61B, PLMR61W, PLMR62, PLMR67B, PLMR67W, PLMR692, PLMR6LEB, PLMR6LEW, PLMR82, PLMRCB1, PLMRCB3, PLMRCW1, PLMRCW2, PLMRCW3, PRTPDICBT2CHBC, PLMRLE64DK, PLMRS43BL, PLMRS43BL.5, PLMRS43WL, PLMRS4B, PLMRS4B.5, PLMRS4W, PLMRS53BL, PLMRS53WL, PLMRS5B, PLMRS5W, PLMRS63BL, PLMRS63WL, PLMRS63WL.5, PLMRS6B, PLMRS6B.5, PLMRW10, PLMRW12, PLMRW8, PLMRX67, PLMRX68LEW, PWRC52, PWRC62

1 Description of the test subject**1.1 Technical Data**

Nameplate specifications	Input	Output
Voltage (V)	115V~	DC 12V
Current (A)	/	0.83A
Power (W)	/	10W
Frequency (Hz)	50/60Hz	/

2 Order**2.1 Date of Purchase Order, Customer's Reference**

2022-10-17

2.2 Receipt of Test Sample

Samples was received on 2022-10-17

2.3 Date of Testing

2022-10-17 to 2022-10-24

2.4 Location of Testing

Shenzhen SiCT Technology Co., Ltd.

202, Building 3, No.111, Huanguan Middle Road, Songyuanxia Community, Guanhu Street,
Longhua District, Shenzhen, Guangdong, China

3	Requirements in standard and result																								
1605.3 (v) (1)	Energy Performance, Energy Design, Water Performance, and Water Design Standards: Consumer Audio and Video Equipment. The power usage of consumer audio and video equipment manufactured on or after the effective dates shown shall be not greater than the applicable values in Table V-1. Table V-1 Standards for consumer audio and video equipment <table><tr><td>Appliance type</td><td>Effective date</td><td colspan="3">Maximum Power Usage (Watts)</td></tr><tr><td>Compact Audio Products</td><td>January 1, 2007</td><td colspan="3">2 W in Audio standby-passive mode for those without a permanently illuminated clock display; 4 W in Audio standby-passive mode for those with a permanently illuminated clock display.</td></tr><tr><td>Digital Versatile Disc Players and Digital Versatile Disc Recorders</td><td>January 1, 2006</td><td colspan="3">3 W in Video standby-passive mode</td></tr></table>				Appliance type	Effective date	Maximum Power Usage (Watts)			Compact Audio Products	January 1, 2007	2 W in Audio standby-passive mode for those without a permanently illuminated clock display; 4 W in Audio standby-passive mode for those with a permanently illuminated clock display.			Digital Versatile Disc Players and Digital Versatile Disc Recorders	January 1, 2006	3 W in Video standby-passive mode			P					
Appliance type	Effective date	Maximum Power Usage (Watts)																							
Compact Audio Products	January 1, 2007	2 W in Audio standby-passive mode for those without a permanently illuminated clock display; 4 W in Audio standby-passive mode for those with a permanently illuminated clock display.																							
Digital Versatile Disc Players and Digital Versatile Disc Recorders	January 1, 2006	3 W in Video standby-passive mode																							
	For equipment that consists of more than one individually powered product, each with a separate main plug, the individually powered products shall each have a power usage not greater than the applicable values shown in Table V-1.				N/A																				
(2)	Televisions. All televisions manufactured on or after the effective dates shall meet the requirements shown in Table V-2. Table V-2 Standards for Televisions <table><tr><td>Effective Date</td><td>Screen Size (area A in square inches)</td><td>Maximum TV Standby-Passive Mode Power Usage (watts)</td><td>Maximum On Mode Usage (P in watts)</td><td>Maximum Power Factor For (P≥100W)</td></tr><tr><td>January 1, 2006</td><td>All</td><td>3W</td><td>No standard</td><td>No standard</td></tr><tr><td>January 1, 2011</td><td>A < 1400</td><td>1W</td><td>P ≤ 0.20 x A + 32</td><td>0.9</td></tr><tr><td>January 1, 2013</td><td>A < 1400</td><td>1W</td><td>P ≤ 0.12 x A + 25</td><td>0.9</td></tr></table>				Effective Date	Screen Size (area A in square inches)	Maximum TV Standby-Passive Mode Power Usage (watts)	Maximum On Mode Usage (P in watts)	Maximum Power Factor For (P≥100W)	January 1, 2006	All	3W	No standard	No standard	January 1, 2011	A < 1400	1W	P ≤ 0.20 x A + 32	0.9	January 1, 2013	A < 1400	1W	P ≤ 0.12 x A + 25	0.9	N/A
Effective Date	Screen Size (area A in square inches)	Maximum TV Standby-Passive Mode Power Usage (watts)	Maximum On Mode Usage (P in watts)	Maximum Power Factor For (P≥100W)																					
January 1, 2006	All	3W	No standard	No standard																					
January 1, 2011	A < 1400	1W	P ≤ 0.20 x A + 32	0.9																					
January 1, 2013	A < 1400	1W	P ≤ 0.12 x A + 25	0.9																					
(3)	In addition, televisions manufactured on or after January 1, 2011 shall meet the requirements shown in Sections 1605.3(v)(3)(A) and 1605.3(v)(3)(B) and 1605.3(v)(3)(C) of this Article.				N/A																				
(A)	A television shall automatically enter TV standby-passive mode or standby-active mode after a maximum of 15 minutes without video and/or audio input on the selected input mode.				N/A																				
(B)	A television shall enter TV standby-passive mode when turned off by remote or integrated button/switch				N/A																				
(C)	The peak luminance of the product in “home” mode, or in the default mode as shipped, shall not be less than 65% of the peak luminance of the “retail” mode, or the brightest selectable preset mode, of the product				N/A																				

1607 (b)	Marking of Appliances: Name, Model Number, and Date. Except as provided in Section 1607(c), the following information shall be permanently, legibly, and conspicuously displayed on an accessible place on each unit:		P
(1)	Manufacturer's name or brand name or trademark (which shall be either the name, brand, or trademark of the listed manufacturer specified pursuant to Section 1606(a)(2)(A) or, if applicable, the designated manufacturer specified pursuant to Section 1606(f)(1)(F));	See marking plate.	P
(2)	Model number; and	See marking plate.	P
(3)	Date of manufacture, indicating (i) year and (ii) month or smaller (e.g. week) increment. If the date is in a code that is not readily understandable to the layperson, the manufacturer shall immediately, on request, provide the code to the Energy Commission.	See marking plate.	P
Remarks: "N/A" stands for "test case does not apply to the test object"; "P" stands for "test object does meet the requirement".			

4 Marking plate and Photos

4.1 Marking plate:

Speaker

Model: PLMRS8B

I/P: DC12V,10W(Max)



JIAXING DIBEISI ELECTROACOUSTICS CO., LTD.

No.1515, Zhou'an Road, Jiaxing, Zhejiang, China

Made in China

4.2 Photos



5 Remark:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure#)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Table 1 Power measurement - Standby-passive mode							
Rated voltage (V):		115V~			T _{amb} (23 ±5) (°C):		24.3
Rated frequency (Hz):		60Hz			Rh (10-80%) (%):		56.2
Model	Test	U _{Input} (V)	F (Hz)	I (mA)	P _{Standby} (W)	t (s/min)	Remark
PH391	I/1	115	60Hz	2	0.23	5	Pass
Remarks:							
- Test: I: initial test, A: additional test, 1,2,3: number of test - t: time between enabling standby mode and completing measurement							

Table 2 Power measurement – ON Mode – for Televisions only							
Rated voltage (V):		--			T _{amb} (23 ±5) (°C):		--
Rated frequency (Hz):		--			Rh (10-80%) (%):		--
THD (%):		--			Airspeed (m/s):		--
Model	Test	U _{Input} (V)	F (Hz)	I (mA)	P _{oN} (W)	Power Factor	Remark
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
Supplementary information:							
- Accessory configuration: - Setting: as shipped - Automatic Brightness Control (ABC): - Signal Input: IEC 62087 Ed. 2.0, Section 11.5.5 (3 bars of white (100%) over a black (0%) background)							
Remarks:							
- Test: I: initial test, A: additional test, 1,2,3: number of test							

Table 3 Luminance Measurement – for Televisions only							
Rated voltage (V):		--			T _{amb} (23 ±5) (°C):		--
Rated frequency (Hz):		--			Rh (10-80%) (%):		--
THD (%):		--			Airspeed (m/s):		--
Model	Test	U _{Input} (V)	F (Hz)	I (mA)	P _{oN} (W)	Power Factor	Remark
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Supplementary information: - Accessory configuration: - Setting: as shipped - Automatic Brightness Control: - Signal Input: IEC 62087 Ed. 2.0, Section 11.5.5 (3 bars of white (100%) over a black (0%) background)							
Remarks: - Test: I: initial test, A: additional test, 1,2,3: number of test							

Table 4	Viewable Screen – for Televisions only				
Model	Diagonal (cm)	Width (cm)	Height (cm)	Area (cm ²)	Aspect Ratio
--	--	--	--	--	--
Supplementary information:					
Remarks:					

Attachment 1: Equipment List

Table	Test instruments			
Name	Brand	Model	Last cal. date	Next cal date
Digital Power Meter	Yokogawa	WT310	2022-06-10	2023-06-09

— End of report —