

**TEST REPORT**  
**COMMISSION REGULATION (EC) No 1275/2008**  
**of 17 December 2008**

**Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode, and networked standby, electric power consumption of electrical and electronic household and office equipment**

<b>Report Reference No.</b> .....	NCT21010299XS1-1
<b>Compiled by (name + signature)</b> .....	Richard Li
<b>Approved by (name + signature)</b> .....	Boris Lin
<b>Date of issue</b> .....	Mar. 19, 2021
<b>Number of Pages</b> .....	12 pages
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<b>Address</b> .....	1&4/ F, No. B Building, Mianshang Younger Pioneer Park, Hangcheng Road, Gushu Xixiang Street, Baoan District, Shenzhen, Guangdong, China.
<b>Testing location</b> .....	as above
<b>Applicant's name</b> .....	Hinston Electronics Co., Ltd.
<b>Address</b> .....	Rm. 1609, Blk. A, Veristrong Ind. Ctr., 34-36 Au Pui Wan St., Fotan, Shatin, HKSAR.
<b>Test specification:</b>	
<b>Standard</b> .....	COMMISSION REGULATION (EC) No 1275/2008, EN 50564: 2011, (EC) No 801/2013
<b>Test specification</b> .....	Compliance with COMMISSION REGULATION (EC) No 1275/2008 and EN 50564: 2011, (EC) No 801/2013
<b>Test Report Form No.</b> .....	TRF Dissipation in STANDBY/OFF 1275-2008-EC/Rev.0
<b>Master TRF</b> .....	2009-08
<b>Copyright blank test report</b> .....	This test report is based on the content of the internal test program. The test program considered selected clauses of the a.m. standard(s) and experience gained with product testing. It was prepared by NCT.TEST.  NCT Test takes on 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.
<b>Test procedure</b> .....	ERP Directive
<b>Non-standard test method</b> .....	None
<b>National deviations</b> .....	None



<b>Test item description</b> .....:	Jobsite radio with clock build-in battery operation
Trade Mark.....:	HINSTON, MEDION
Manufacturer.....:	Hinston Electronics (Dong Guan) Co., Ltd. No.3 YouCaoLing Ind. Dist., Ke-Ji Rd., Dongkeng Town, Dong Guan City, Guang Dong Province
Model/Type reference.....:	JR2199, MD46200
Ratings.....:	Input: 9V===1.0A Adaptor Input: 100-240V~, 50/60Hz, 0.4A Max. Output: 9V===1.0A, 9.0W

<b>Possible test case verdicts:</b>	
- test case does not apply to the test object.....:	N (N/A)
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Possible suffixes to the verdicts:	
- suffix for detailed information for the client.....:	- C (Comment)
- suffix for important information for factory inspection	- M (Manufacturing)

<b>Testing</b> .....:	
Date of receipt of test item.....:	Mar. 12, 2021
Date(s) of performance of tests.....:	Mar. 12, 2021~ Mar. 19, 2021

**General remarks:**

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.

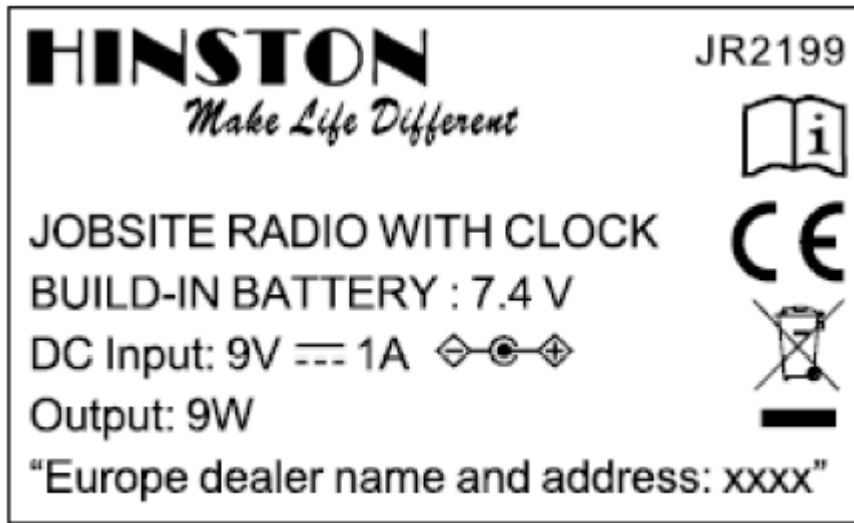
When determining the test conclusion, the measurement uncertainty of test has been considered.

Throughout this report a  comma /  point is used as the decimal separator.

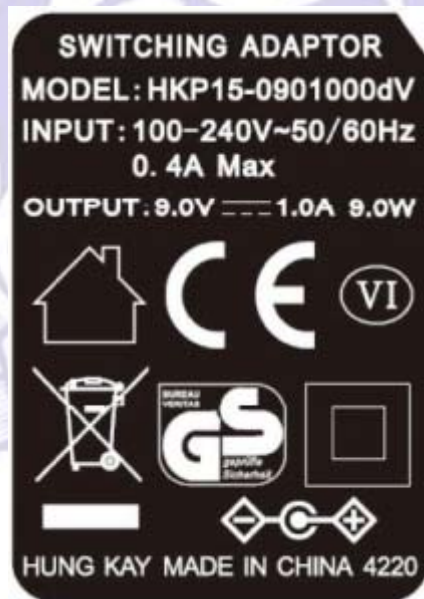
**General product information:**

This product is Jobsite radio with clock build-in battery operation, Class III equipment for general use with audio similar electronic equipment. The appliance has a display. The appliance was connected to the mains via an external power supply.

Copy of marking plate:



Fou Adapter



**Summary of testing:**

The product have been tested according to standby mode electric power consumption requirements and compliance with ERP efficiency The product meets the stage 2 requirement of the implementation measure.

**Test equipment:**

Instrument	Model	Manufacturer	Serial No.	Cal. Last Date	Cal. Due Date
Digital Voltage Meter	T310E	Yokogawa	NCT-S048	2020-11-11	2021-11-10

Contact pressure regulator	TDGC2-3	CHNT	NCT-S054	2020-06-28	2021-06-27
Temperature and humidity recorder	HTC-1	HEGAO	NCT-058	2020-11-13	2021-11-12



COMMISSION REGULATION(EC) No 1275/2008			
Clause	Requirement + Test	Result - Remark	Verdict
ANNEX II	Ecodesign requirements	See below	P
1	One year after this Regulation has come in to force: (stage 1)	Test result see appended table 1	P
	(a) Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 1,00W.		N
	(b) Power consumption in 'standby mode(s)':		P
	The power consumption of equipment in any condition providing only are activation function, or providing only are activation function and a mere indication of enabled reactivation function, shall not exceed 1,00W.		N
	The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2,00W.		P
	(c) Availability of off mode and/ or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.		P
2	Four years after this Regulation has come into force: (stage 2)		P
	(a) Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 0,50W.		P
	(b) Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50W. The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display shall not exceed 1,00W.		P
	(c) Availability of off mode and/or standby mode Equipment shall, except where this is in appropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.	During Bluetooth mode, No Bluetooth connection, after about 5 minutes. the equipment will turns into off mode	P
	(d) Power management for all equipment other than networked equipment Equipment shall, unless inappropriate for the intended use, offer a power management function or a similar function. When equipment is not providing the main function, and other energy- using product(s) are not dependent on its functions, the power management function shall switch equipment after the shortest possible period of time		P

COMMISSION REGULATION(EC) No 1275/2008			
Clause	Requirement + Test	Result - Remark	Verdict
	appropriate for the intended use of the equipment, automatically into: <ul style="list-style-type: none"> <li>— standby mode, or</li> <li>— off mode, or</li> <li>— another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.</li> </ul> The power management function shall be activated.';		
3	As of 1 January 2015: (stage 3)		N
	(a) Possibility of deactivating wireless network connection(s) Any networked equipment that can be connected to a wireless network shall offer the user the possibility to deactivate the wireless network connection(s). This requirement does not apply to products which rely on a single wireless network connection for intended use and have no wired network connection.		N
	(b) Power management for networked equipment		N
	Equipment shall, unless inappropriate for the intended use, offer a power management function or a similar function. When equipment is not providing a main function, and other energy-using product(s) are not dependent on its functions, the power management function shall switch equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into a condition having networked standby.		N
	In a condition providing networked standby, the power management function may switch equipment automatically into standby mode or off mode or another condition which does not exceed the applicable power consumption requirements for standby and/or off mode.		N
	The power management function, or a similar function, shall be available for all network ports of the networked equipment.		N
	The power management function, or a similar function, shall be activated, unless all network ports are deactivated. In that latter case the power management function, or a similar function, shall be activated if any of the network ports is activated.		N
	The default period of time after which the power management function, or a similar function, switches the equipment automatically into a condition providing networked standby shall not exceed 20 minutes.		N
	(c) Networked equipment that has one or more standby modes shall comply with the requirements for these standby mode(s) when all network ports are deactivated.		N
	(d) Networked equipment other than HiNA equipment shall comply with the provisions under 2(d) when all network ports are deactivated.		N
	(e) Power consumption in a condition providing networked standby: The power consumption of HiNA equipment or equipment with HiNA functionality in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function shall not exceed 12,00 W. The power consumption of other networked equipment in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not		N

COMMISSION REGULATION(EC) No 1275/2008			
Clause	Requirement + Test	Result - Remark	Verdict
	exceed 6,00 W. The power consumption limits as stipulated in point (e) shall not apply to: (i) printing equipment with a power supply of a rated power larger than 750 W; (ii) large format printing equipment; (iii) tele-presence systems; (iv) desktop thin clients; (v) workstations; (vi) mobile workstations; (vii) small-scale servers; (viii) computer servers.		
4	As of 1 January 2017: (stage 4) In addition to the requirements set out in point 3(a) and (b), the following provisions shall apply:		N
	(a) Networked equipment that has one or more standby mode(s) shall comply with the requirements for these standby mode(s) when all wired network ports are disconnected and when all wireless network ports are deactivated.		N
	(b) Networked equipment other than HiNA equipment shall comply with the provisions under 2(d) when all wired network ports are disconnected and when all wireless network ports are deactivated.		N
	(c) Power consumption in a condition providing "networked standby": The power consumption of HiNA equipment or equipment with HiNA functionality, in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 8,00 W. The power consumption of other networked equipment in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 3,00 W. The power consumption limits as stipulated in point (c) shall not apply to: (i) large format printing equipment; (ii) desktop thin clients; (iii) workstations; (iv) mobile workstations; (v) small-scale servers; (vi) computer servers.		N
5	As of 1 January 2019: (stage 5) In addition to the requirements set out in point 3(a) and (b) and point 4(a), (b) and (c), the following provision shall apply for networked equipment other than HiNA equipment or other than equipment with HiNA-functionality: The power consumption of networked equipment other than HiNA equipment or other than equipment with HiNA functionality, in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function, shall not exceed 2,00 W.		N

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Clause	Requirement + Test	Result - Remark	Verdict
6	<p>As of 1 January 2015:</p> <p>For coffee machines, the delay time after which the product switches automatically into the modes and conditions referred to in Annex II, point 2, paragraph (d) shall be as follows:</p> <ul style="list-style-type: none"> <li>— for domestic drip filter coffee machines storing the coffee in an insulated jug, a maximum of five minutes after completion of the last brewing cycle or 30 minutes after completion of a descaling or self-cleaning process,</li> <li>— for domestic drip filter coffee machines storing the coffee in a non-insulated jug, a maximum of 40 minutes after completion of the last brewing cycle, or 30 minutes after completion of a descaling or self-cleaning process,</li> <li>— for domestic coffee machines other than drip filter coffee machines, a maximum of 30 minutes after completion of the last brewing cycle, or a maximum of 30 minutes after activation of the heating element, or a maximum of 60 minutes after activation of the cup preheating function, or a maximum of 30 minutes after completion of a descaling or self-cleaning process, unless an alarm has been triggered requiring users' intervention to prevent possible damage or accident.</li> </ul> <p>Until the above date the ecodesign requirements set out in Annex II.2.d shall not apply.</p>	EUT is not coffee machine.	N
7	<p>Product information requirements</p> <p>As of 1 January 2015, the following information for networked equipment shall be visibly displayed on manufacturers' freely accessible websites:</p>		N
	(a) for each standby and/or off mode and the condition providing networked standby into which the equipment is switched by the power management function or similar function: — the power consumption data in Watt rounded to the first decimal place, — the period of time after which the power management function, or a similar function, switches the equipment auto-matically into standby and/or off mode and/or the condition providing networked standby;		N
	(b) the power consumption of the product in networked standby if all wired network ports are connected and all wireless network ports are activated;		N
	(c) guidance on how to activate and deactivate wireless network ports.		N
	The power consumption of the product in networked standby as referred to in point (b) and the guidance as referred to in point (c) shall also be included in the user manual.;		N
8	<p>Measurements</p> <p>The power consumption referred to in point 1(a) and (b), point 2(a) and (b), points 3(e) and 4(c) and point 5, and the delay times referred to in point 6, shall be established by a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art.;</p>		P
9	<p>Information to be provided by manufacturers</p> <p>For the purposes of conformity assessment pursuant to Article 4, the technical documentation shall contain the following elements:</p>		P



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Clause	Requirement + Test	Result - Remark	Verdict
	(a) for each standby and/or off mode: <ul style="list-style-type: none"> <li>— the power consumption data in Watt rounded to the first decimal place,</li> <li>— the measurement method used,</li> <li>— a description of how the equipment mode was selected or programmed,</li> <li>— the sequence of events leading to the condition where the equipment auto-matically changes modes,</li> <li>— any notes regarding the operation of the equipment, e.g. information on how the user switches the equipment into a condition having networked standby,</li> <li>— if applicable, the default time after which the power management function, or similar function, has switched the equipment into the applicable low power mode or condition;</li> </ul>		P
	(b) for networked equipment: <ul style="list-style-type: none"> <li>— the number and type of network ports and, with the exception of wireless network ports, where these ports are located on the equipment; in particular it shall be declared if the same physical network port accom-modates two or more types of network ports,</li> <li>— whether all network ports are deactivated before delivery,</li> <li>— whether the equipment qualifies as HiNA equipment or equipment with HiNa func-tionality; where no information is provided, this is considered not to be the case;</li> </ul> and for each type of network port: <ul style="list-style-type: none"> <li>— the default time after which the power management function, or a similar function, switches the equipment into a condition providing networked standby,</li> <li>— the trigger that is used to reactivate the equipment,</li> <li>— the (maximum) performance specifications,</li> <li>— the (maximum) power consumption of the equipment in a condition providing networked standby into which the power management function, or a similar function, will switch the equipment, if only this port is used for remote activation,</li> <li>— the communication protocol used by the equipment;</li> </ul> If no information is provided, the equipment is considered not to be networked equipment unless it provides the functionalities of a router, network switch, wireless network access point (not being a terminal), hub, modem, VoIP telephone, video phone.		N
	(c) test parameters for measurements: <ul style="list-style-type: none"> <li>— ambient temperature,</li> <li>— test voltage in V and frequency in Hz,</li> <li>— total harmonic distortion of the electricity supply system,</li> <li>— information and documentation on the instrumentation, set-up and circuits used for electrical testing;</li> </ul>		P
	(d) the equipment characteristics relevant for assessing conformity with the requirements set out in point 1(c), or the requirements set out in points 2(c) and/or 2(d) and/or 3(b), as applicable, including the time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode.		P

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Clause	Requirement + Test	Result - Remark	Verdict
	In particular, if applicable, a technical justification shall be provided that the requirements set out in point 1(c), or the requirements set out in points 2(c) and/or 2(d) and/or 3(b), are inappropriate for the intended use of equipment. The need to maintain one or more network connections or to wait for a remotely initiated trigger is not considered a technical justification for exemption from the requirements set out in 2(d) in the case of equipment that is not defined as networked equipment by the manufacturer.';		

Test setup drawing:

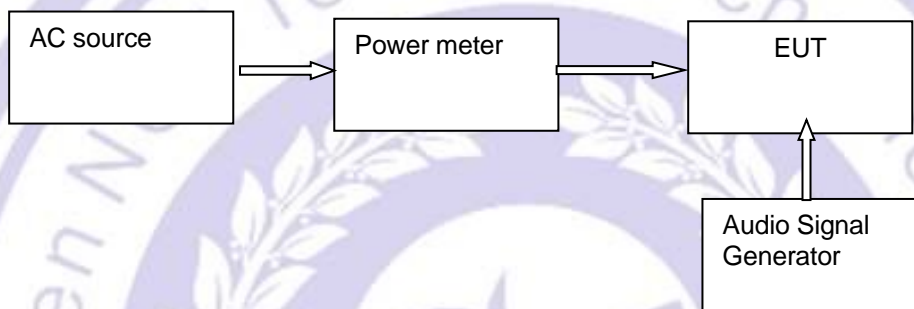


Table		P
<b>Test conditions</b>		
Ambient temperature in °C	25	
Test voltage in V	230	
Test frequency in Hz	50	
Total harmonic distortion of the supply system in % (THD)	0.529%	
Information and documentation on the instrumentation, set-up and circuits used for electrical testing	See test setup drawing	
<b>Test results</b>		
Name of model	JR2199	
True power factor in standby mode	--	
Rms standby mode power (W)	0.08W	
Rms off mode power (W)	0.08W	
Maximum power consumption in 'standby mode' or 'off mode'	<input checked="" type="checkbox"/> 0.50W (without display) <input type="checkbox"/> 1.0 W (with display)	
Rms networked standby mode power (W)	--	
Maximum power consumption in 'networked standby mode'	<input type="checkbox"/> N/A For HiNA equipment or equipment with HiNA functionality <input type="checkbox"/> 12.00W (As of 1 January 2015) <input type="checkbox"/> 8.00 W (As of 1 January 2017) <input type="checkbox"/> 2.0 W (As of 1 January 2019) For other networked equipment <input type="checkbox"/> 6.00W (As of 1 January 2015) <input type="checkbox"/> 3.00 W (As of 1 January 2017) <input type="checkbox"/> 2.0 W (As of 1 January 2019)	
Verdict	Pass	
Supplementary information:		

**Picture of the product:**

**Photo 1**



**Photo 2**



\*\*\*\*\* END OF REPORT \*\*\*\*\*