



ELECTRONICS TESTING CENTER, TAIWAN
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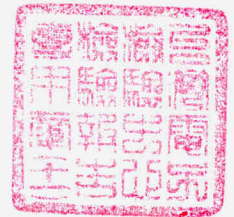
Testing Laboratory
 1161

Ind. Ser. No. : 15-03-NEF-029

Issue Date : 2015 / 3 / 11

TEST REPORT

Ind. Ser. No. : 15-03-NEF-029
 Applicant : Penton Communications Inc.
 Address : No28-2 Ya-Tan Road, Ta-Ya, Taichung, Taiwan, R.O.C.
 Products : Bi-Slanting Metal Projector Loudspeakers
 Model : CELL10BT/EN(C) ; CELL 10/BST(C)
 Quantity : 2sets
 Date of Receipt : 2015 / 3 / 9
 Date of Testing : 2015 / 3 / 10 ~ 2015 / 3 / 11
 Test specification : IEC60529 Edition 2.1 2001-02
 Inspection Site : Electronics Testing Center, Taiwan – Southern Taiwan
 Industry Service Department
 (TAF Certification No:1161)
 Ambient Environment : IP5X Temp. 22 ± 1 °C , R.H. 42 ± 2 %
 : IPX5 Temp. 22 ± 1 °C , R.H. 43 ± 2 %
 Testing Item : IP55
 Test condition : See the following sheets&INSTALLATION GUIDE
 Test result : PASS



The test results relate only to the items tested.

The report shall not be reproduced except in full without the written approval of Electronics Testing Center, Taiwan.

This inspection has carried out to the best of our knowledge and ability, and our responsibility is limited to the exercise of reasonable care, this certification is not intended to believe the sellers from their contractual obligations.

Tested by : Yi' hieh Fu.
 2015.3.11.
 Southern Taiwan Industry
 Service Department

Approval Signatory : Stein Wang 2015.3.11
 Southern Taiwan Industry
 Service Department



TEST REPORT

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Testing Item: IP55

Testing Conditions :

(1)IP5X :

- (1) The enclosure under test is supported in its normal operating position inside the test chamber.
- (2) The test shall be continued for a period of 8h.

(2) IPX5 :

- (1) Internal diameter of the nozzle: 6.3 mm °
- (2) Delivery rate: 12.5 l/min $\pm 5\%$ °
- (3) Distance from nozzle to enclosure surface :
between 2.5 m and 3 m °
- (4) The duration of test is 3 min °

Testing Result :

Request/Experiment	Results	Remark
Accordance with IEC60529 13.1,13.4and 13.5 test. The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.	There is no trace of dust inside.	IP5X
After testing in accordance with appropriate requirements of IEC60529 14.1,14.2.5 and 14.3	No ingress of water was found inside.	IPX5



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Utilized testing equipments

	Kind of Instrument	Manufacturer	Model Serial NO.
✓	TEMP/HUM RECORDER Cal. Date:2014/05/06 Recommended Recal Date:2015 / 05 / 05	KIMO	KH210-AO/13491047-001
	Electrical Safety Compliance Analyzer	EXTECH	7452/E992214
	AC 20Kv 200mA	Asis	SYT-20kV200mA/S97-004
	Push And Pull Dynamometer with Linear Scale (0...50N)	PTL	P10.35/5001028
	Push-Pull gauge	ALGOL	NK-300/30954
	Protractor	—	A7028-J (0° ~ 90°)
✓	Stop Watch Clock Alarm Cal. Date:2014/09/02 Recommended Recal Date:2015/09/01	CATIGA	CT-500
✓	Test rod,1mm	E.D.&D.	TRP-02
	Test rod,2.5mm	ASIA QTECH	TRP-1/0803
	Test sphere 50mm	ASIA QTECH	TSP-1/0801
	Test finger	PTL	P10.14/5001023/13502009-001
	Test sphere 12.5mm	ASIA QTECH	TSP-2/0802
✓	DUST TEST CHAMBER Cal. Date:2014/04/18 Recommended Recal Date:2015/04/17	PTL	P14.41/5050255
	Drip Box (IPX1~IPX2)	PTL	P01.18/5080026
	Oscillating Tube (IPX3~IPX4)	PTL	P02.27/5080027
✓	Hose Nozzle (IPX5)	PTL	P03.26/5080028
	Hose Nozzle (IPX6)	PTL	P03.28/5080029
	Water Butt (IPX7~8)	—	—

IPX5 Test



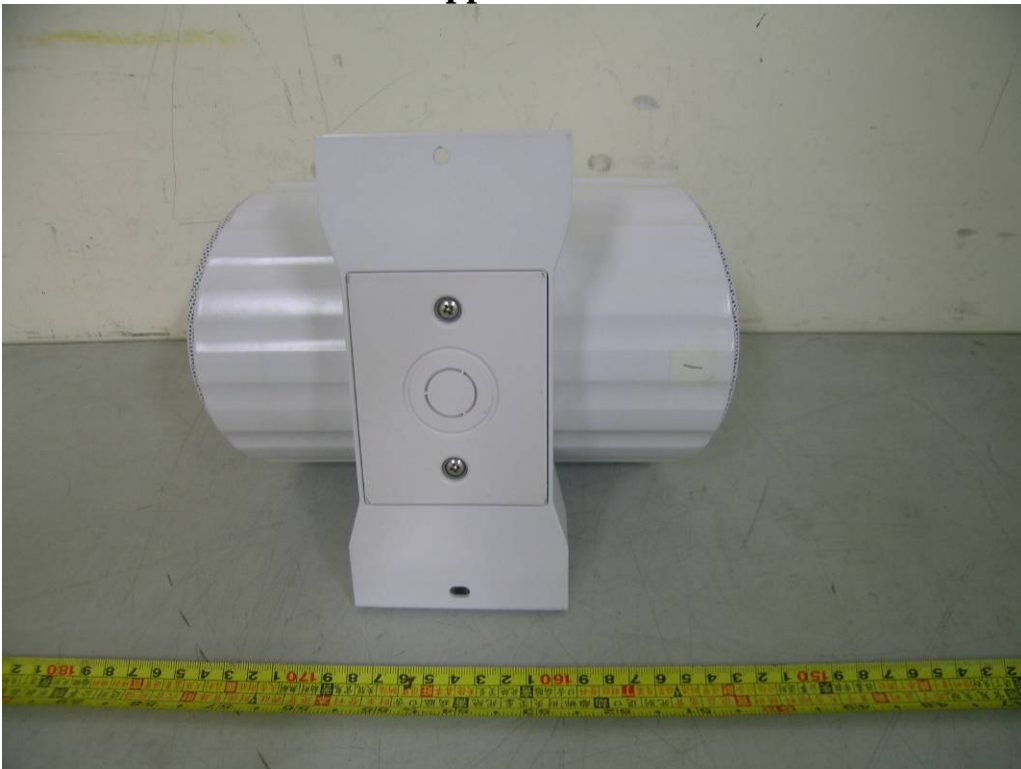
IP5X Test



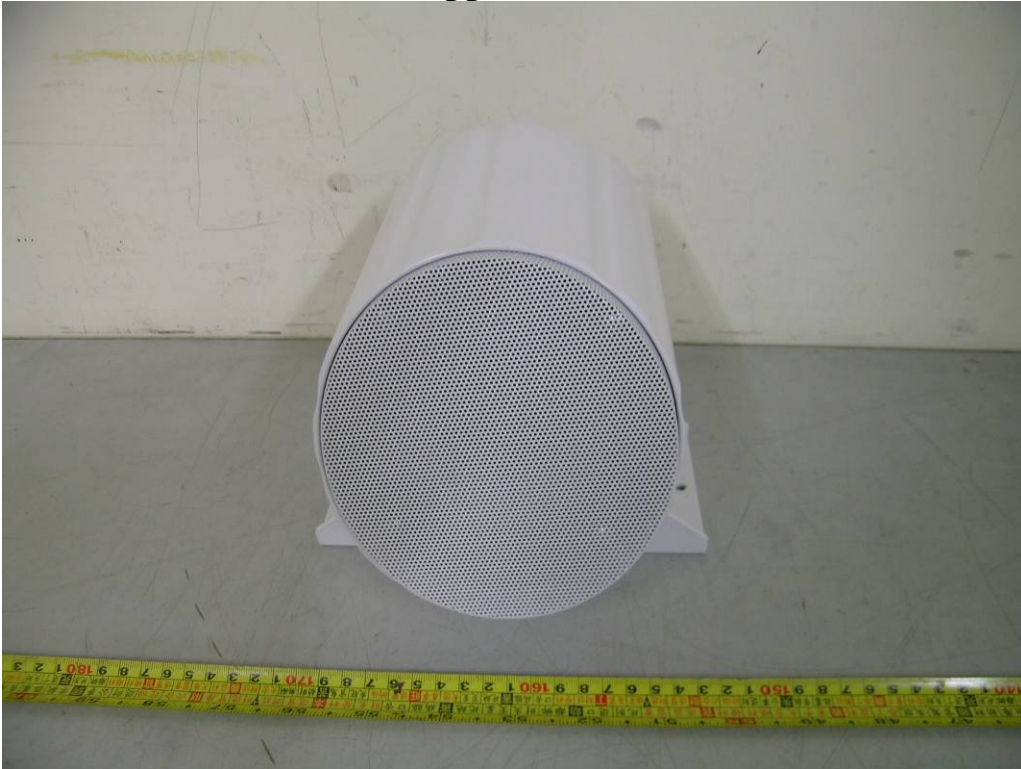
Appearance



Appearance



Appearance



Inside



Inside



Inside

