

## TEST REPORT

No. : SHIN2012084137MR

Date : Dec 30, 2020

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CUSTOMER NAME: NINGBO ROXTONE AUDIO TECHNOLOGY CO.,LTD.  
ADDRESS: YUSHANTOU VILLAGE,DONGQIAO TOWN,HAISHU  
DISTRICT,NINGBO,CHINA

Sample Name : HEAVY-DUTY WATERPROOF XLR CONNECTORS  
Product Specification : RX3FDWP-NG,RX3MDWP-NG,RX3FDWP-BG,RX3MDWP-BG

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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SGS Ref. No. : 15389854  
Date of Receipt : Dec 24, 2020  
Testing Start Date : Dec 24, 2020  
Testing End Date : Dec 30, 2020  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Service (Shanghai)Co., Ltd.

Jane Deng  
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	IP6KX	ISO 20653:2013 and Client's Requirement	No dust ingress	Pass
2	IPX5	ISO 20653:2013	No water ingress	Pass

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



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1. Test Item: IP6KX

Sample Description: Connector

Test Method: ISO 20653:2013

Client's Requirement: No vacuum

Test Condition:

Test Dust: Arizona Dust (A2)

Dust Concentration: 2 kg/m<sup>3</sup> chamber volume and be kept in suspension during the test

Operation Method: 6 s movement of the air-dust mixture, 15 minutes break

Test Duration: 20 cycles

Lab Environment Condition: (18~28) °C, (25~75) %RH

Test Result:

Sample No.	Test Result	Test Requirement	Conclusion
1	Male connector	No dust ingress after test.	Pass
	Female connector	No dust ingress after test.	Pass

Test Photo:



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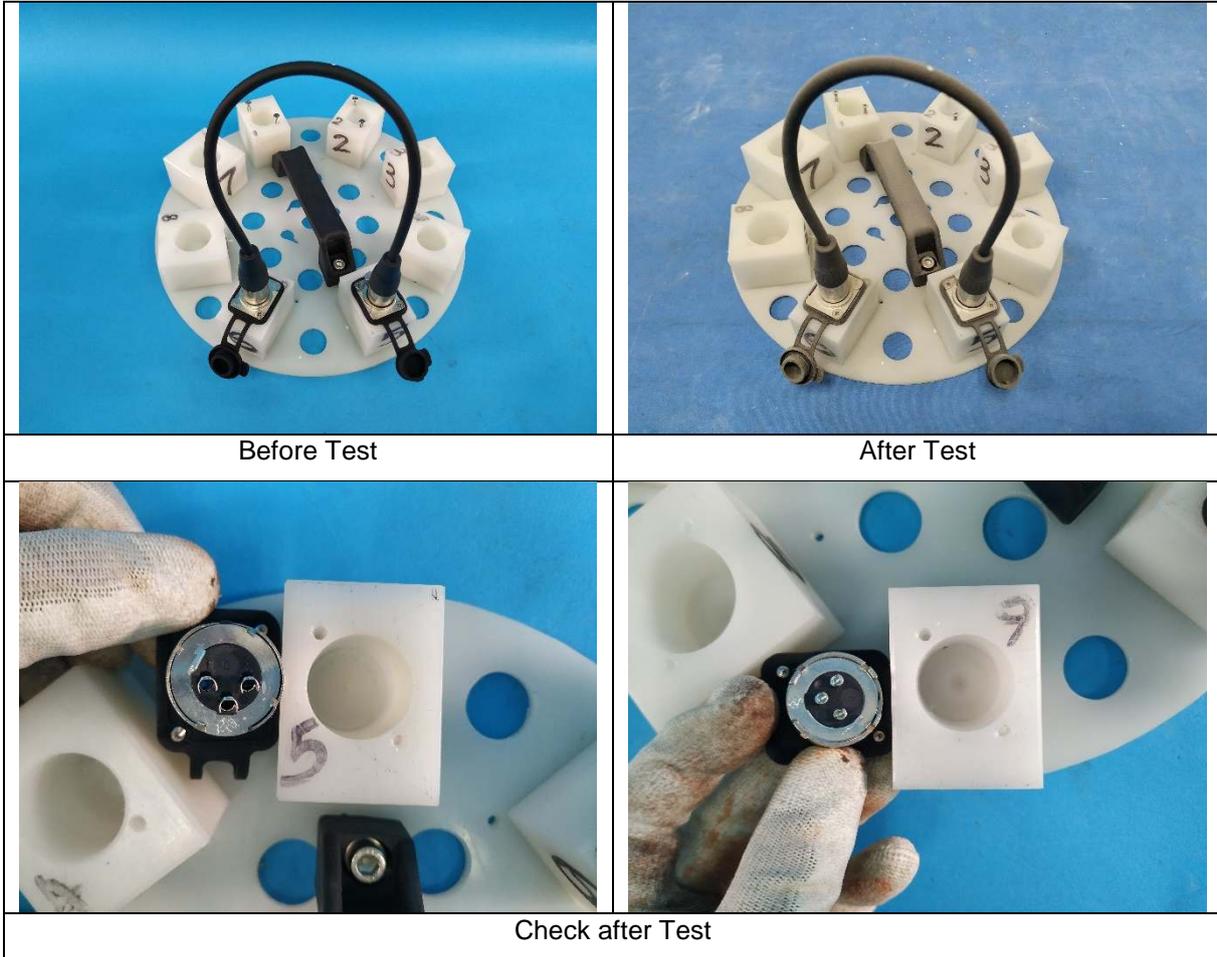
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### Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Sand and dust test chamber	KS-F30	P-237	2020-3-31	2021-3-30



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2. Test Item: IPX5

Sample Description: Connector

Test Method: ISO 20653:2013

Test Condition:

Nozzle diameter:  $\Phi 6.3$  mm

Flow rate: 12.5 L/min

Distance: 2.5 m ~ 3.0 m

Test duration: 3 min

Test Result:

Sample No.	Test Result	Test Requirement	Conclusion
2	Male connector	No water ingress after test.	Pass
	Female connector	No water ingress after test.	Pass

Test Photo:



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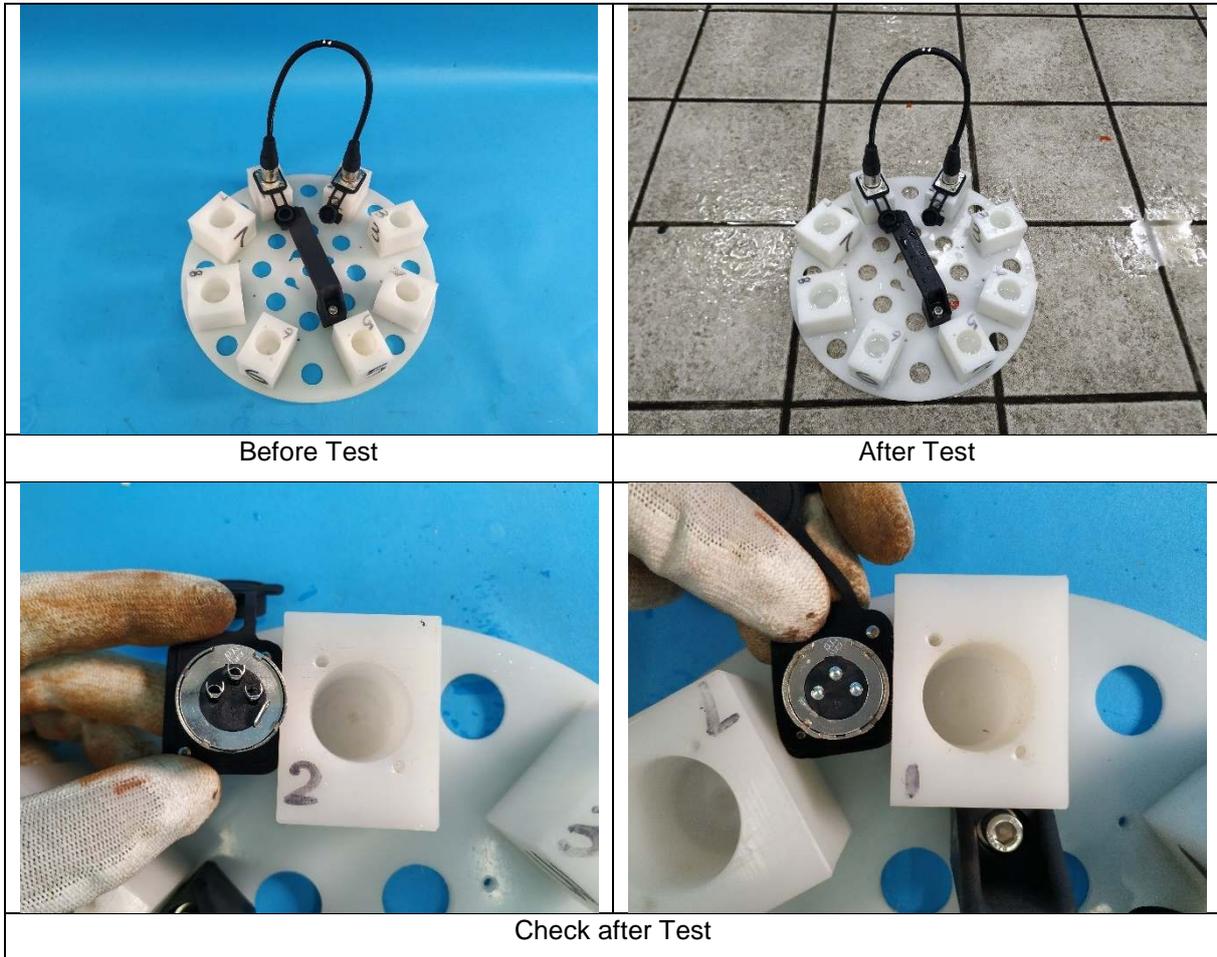
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Equipment Information:

Equipment	Model	Equipment No	Calibration date	Next Calibration date
Float Flowmeter	LZM-15Z	P-588-1	2019-7-5	2021-7-4

\*\*\*\*\* End of report\*\*\*\*\*

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